

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077678.D
 Acq On : 15 May 2023 18:49
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 16 02:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:47:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	388917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	730835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	32123	5.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.040%#		
35) Dibromofluoromethane	8.171	113	25281	5.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.600%#		
50) Toluene-d8	10.577	98	94366	5.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.280%#		
62) 4-Bromofluorobenzene	12.853	95	34807	5.373	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	21134	4.775	ug/l	91
3) Chloromethane	2.365	50	28882	4.525	ug/l	90
4) Vinyl Chloride	2.518	62	27797	4.981	ug/l	91
5) Bromomethane	2.954	94	24065m	5.825	ug/l	
6) Chloroethane	3.118	64	20437m	5.066	ug/l	
7) Trichlorofluoromethane	3.501	101	40883	5.257	ug/l	89
8) Diethyl Ether	3.977	74	14398	5.071	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	23807m	5.532	ug/l	
10) Methyl Iodide	4.589	142	24066	4.689	ug/l	92
11) Tert butyl alcohol	5.530	59	21748	27.080	ug/l #	89
12) 1,1-Dichloroethene	4.348	96	21847	5.341	ug/l	96
13) Acrolein	4.183	56	18754	9.947	ug/l	94
14) Allyl chloride	5.036	41	30287	5.027	ug/l #	91
15) Acrylonitrile	5.730	53	55402	25.821	ug/l	96
16) Acetone	4.436	43	48696	26.425	ug/l #	84
17) Carbon Disulfide	4.712	76	57144	5.185	ug/l	96
18) Methyl Acetate	5.042	43	39261	5.112	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	75036	5.068	ug/l #	90
20) Methylene Chloride	5.277	84	29213	4.326	ug/l	91
21) trans-1,2-Dichloroethene	5.795	96	24406	5.312	ug/l	89
22) Diisopropyl ether	6.677	45	73503	5.218	ug/l	90
23) Vinyl Acetate	6.612	43	251509	28.820	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	43830	5.079	ug/l #	93
25) 2-Butanone	7.494	43	75774	26.458	ug/l #	79
26) 2,2-Dichloropropane	7.500	77	38154	5.204	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	28607	5.192	ug/l	88
28) Bromochloromethane	7.824	49	18897	5.064	ug/l #	79
29) Tetrahydrofuran	7.847	42	47424	25.289	ug/l #	84
30) Chloroform	7.971	83	48320	5.090	ug/l	87
31) Cyclohexane	8.259	56	47407	5.994	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	40412	5.007	ug/l	95
36) 1,1-Dichloropropene	8.377	75	34305	4.921	ug/l	97
37) Ethyl Acetate	7.565	43	30851	4.966	ug/l	97
38) Carbon Tetrachloride	8.365	117	34426	4.891	ug/l	93
39) Methylcyclohexane	9.606	83	41032	4.808	ug/l	88
40) Benzene	8.612	78	105452	5.127	ug/l	99

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 16 02:49:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:47:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17654	5.336	ug/l	85
42) 1,2-Dichloroethane	8.677	62	37594	5.031	ug/l	98
43) Isopropyl Acetate	8.694	43	50027	4.930	ug/l #	95
44) Trichloroethene	9.353	130	27016	5.187	ug/l	97
45) 1,2-Dichloropropane	9.630	63	26099	4.974	ug/l	96
46) Dibromomethane	9.712	93	18481	4.922	ug/l	97
47) Bromodichloromethane	9.888	83	35195	4.896	ug/l	93
48) Methyl methacrylate	9.688	41	22923	4.764	ug/l	94
49) 1,4-Dioxane	9.700	88	10290	113.220	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	151261	25.076	ug/l	94
52) Toluene	10.635	92	64065	5.003	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	36011	4.731	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	39018	4.652	ug/l #	92
55) 1,1,2-Trichloroethane	11.024	97	26107	5.134	ug/l	95
56) Ethyl methacrylate	10.877	69	36404	4.735	ug/l #	84
57) 1,3-Dichloropropane	11.171	76	43404	4.979	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	91992	24.322	ug/l	93
59) 2-Hexanone	11.200	43	112281	25.165	ug/l	93
60) Dibromochloromethane	11.365	129	24577	4.682	ug/l	99
61) 1,2-Dibromoethane	11.471	107	25024	4.933	ug/l	99
64) Tetrachloroethene	11.112	164	22480	5.158	ug/l	93
65) Chlorobenzene	11.894	112	67949	5.030	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.971	131	22893	4.898	ug/l	97
67) Ethyl Benzene	11.971	91	126966	5.245	ug/l	99
68) m/p-Xylenes	12.076	106	95572	10.419	ug/l	100
69) o-Xylene	12.406	106	45394	5.032	ug/l	97
70) Styrene	12.418	104	72608	5.067	ug/l	95
71) Bromoform	12.582	173	14591	4.692	ug/l #	97
73) Isopropylbenzene	12.706	105	114230	5.119	ug/l	100
74) N-amyl acetate	12.500	43	41270	5.003	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.947	83	35719	5.203	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	32955m	5.271	ug/l	
77) Bromobenzene	12.982	156	26246	5.154	ug/l	92
78) n-propylbenzene	13.041	91	134675	5.119	ug/l	98
79) 2-Chlorotoluene	13.129	91	81030	5.161	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	95889	5.113	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	9115	4.494	ug/l #	76
82) 4-Chlorotoluene	13.229	91	82171	5.261	ug/l	96
83) tert-Butylbenzene	13.447	119	87369	5.336	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	97203	5.270	ug/l	100
85) sec-Butylbenzene	13.623	105	118707	5.101	ug/l	97
86) p-Isopropyltoluene	13.735	119	92133	4.966	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	48465	5.146	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	47940	5.130	ug/l	90
89) n-Butylbenzene	14.065	91	87490	5.127	ug/l	94
90) Hexachloroethane	14.341	117	14851	4.873	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	47728	5.425	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6633	4.990	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	25190	4.899	ug/l	91
94) Hexachlorobutadiene	15.506	225	9868	4.623	ug/l	92
95) Naphthalene	15.647	128	96772	5.468	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	26072	5.179	ug/l	96

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

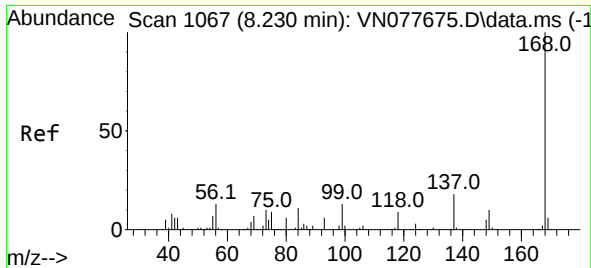
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

Quant Time: May 16 02:49:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 02:47:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

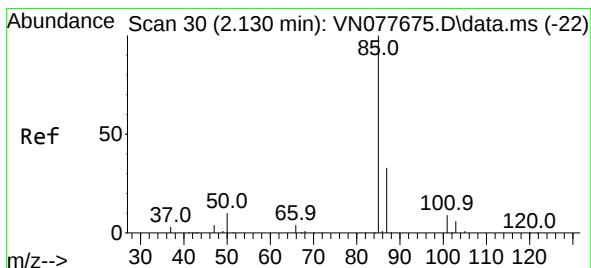
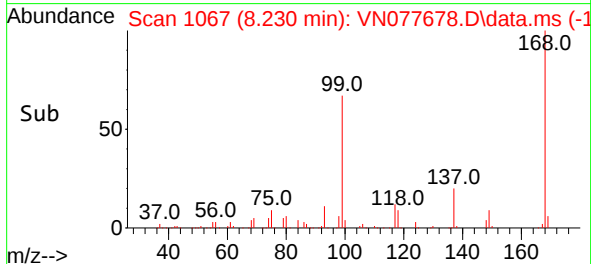
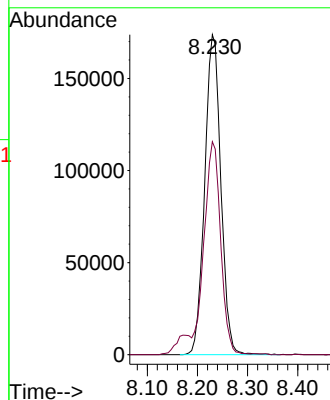
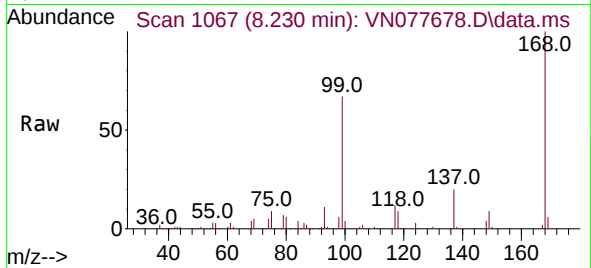
VSTDIC005

Tgt Ion:168 Resp: 38891
Ion Ratio Lower Upper
168 100
99 66.6 53.0 79.6

Manual Integrations

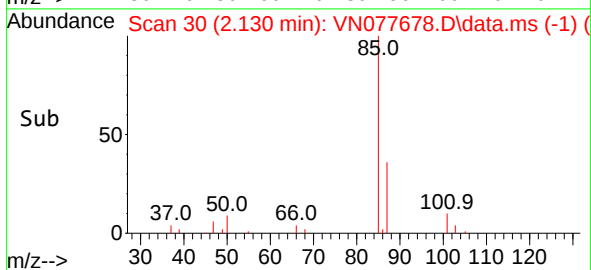
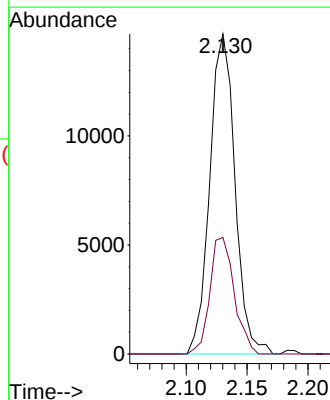
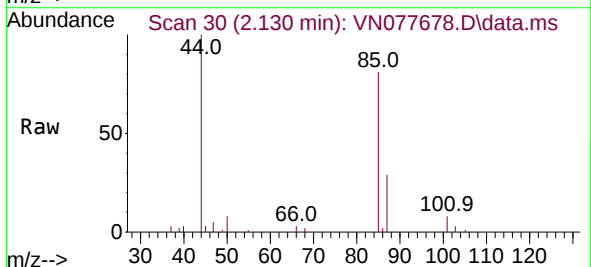
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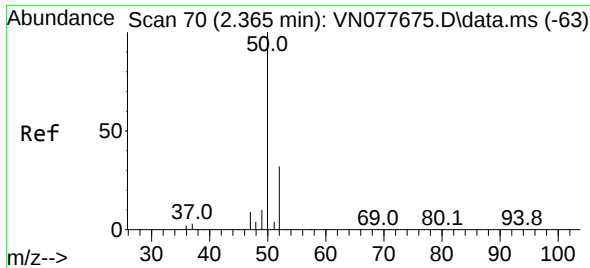
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#2
Dichlorodifluoromethane
Concen: 4.775 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

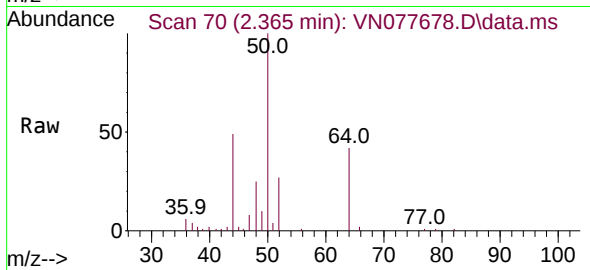
Tgt Ion: 85 Resp: 21134
Ion Ratio Lower Upper
85 100
87 36.4 15.8 47.4





#3
Chloromethane
Concen: 4.525 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

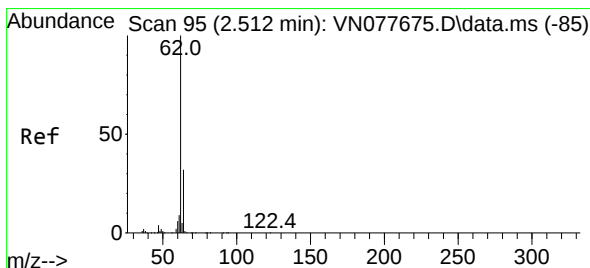
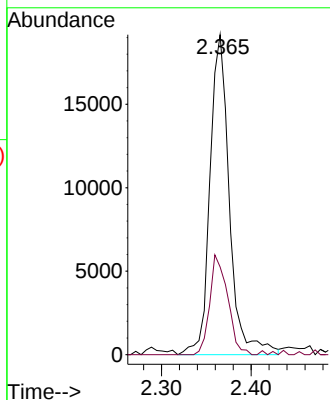
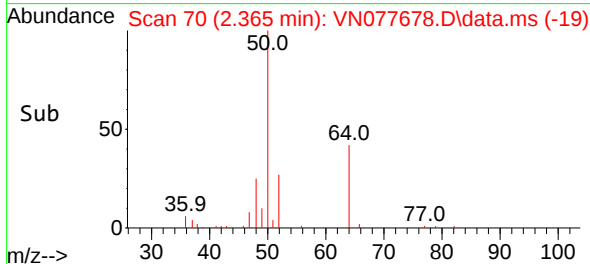
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 2888
Ion Ratio Lower Upper
50 100
52 27.4 26.5 39.7

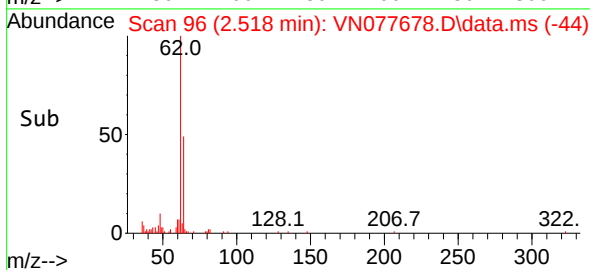
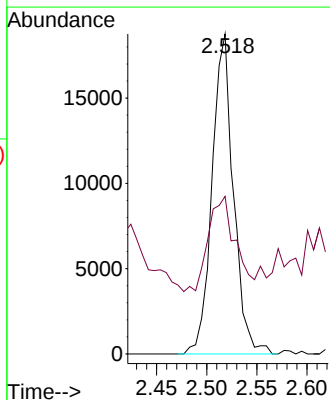
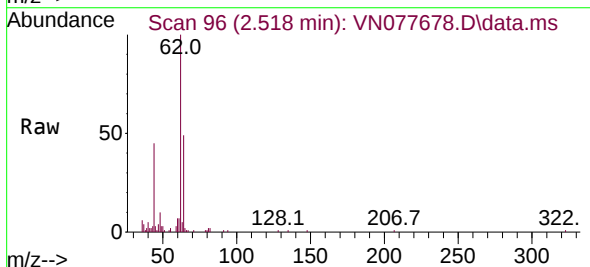
Manual Integrations
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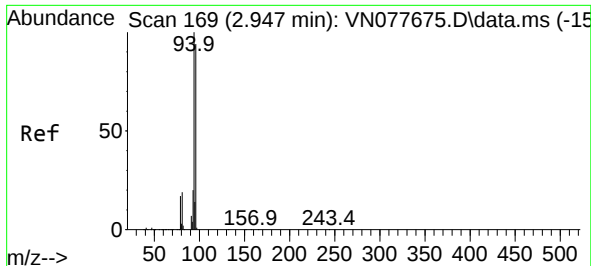
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#4
Vinyl Chloride
Concen: 4.981 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

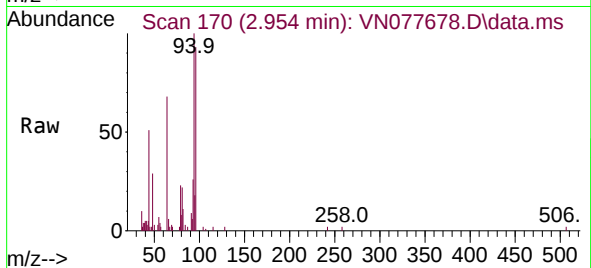
Tgt Ion: 62 Resp: 27797
Ion Ratio Lower Upper
62 100
64 27.7 26.2 39.2





#5
Bromomethane
Concen: 5.825 ug/l m
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

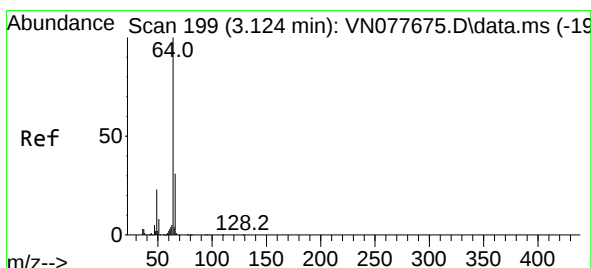
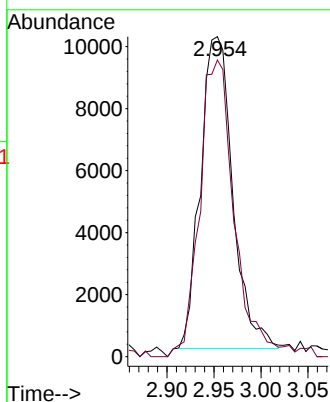
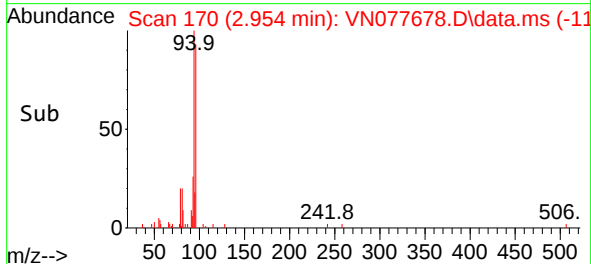
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 2406
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7

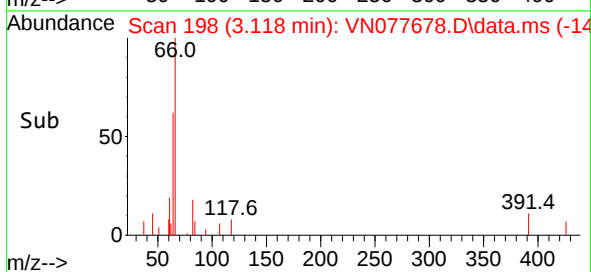
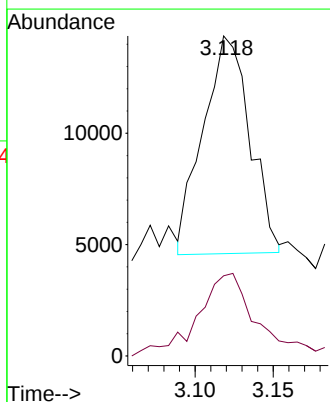
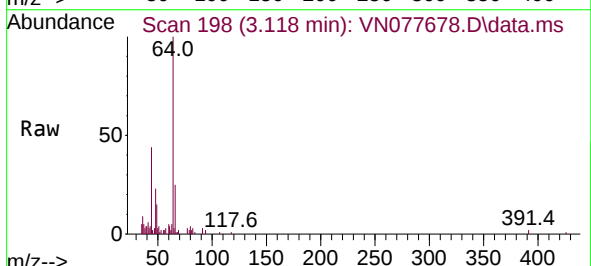
Manual Integrations
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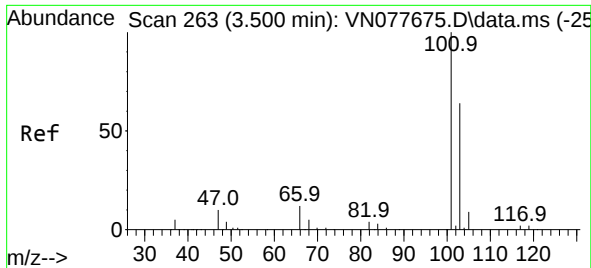
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#6
Chloroethane
Concen: 5.066 ug/l m
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion: 64 Resp: 20437
Ion Ratio Lower Upper
64 100
66 25.1 25.4 38.2#





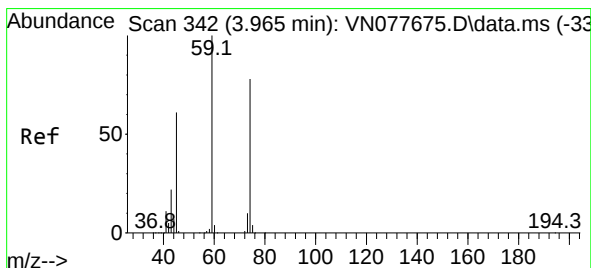
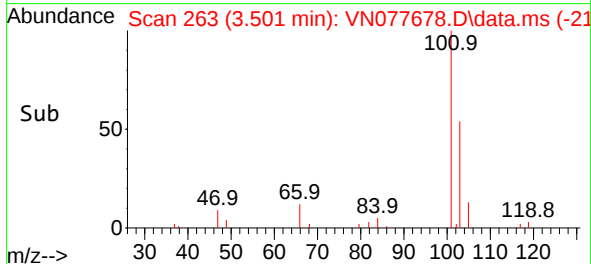
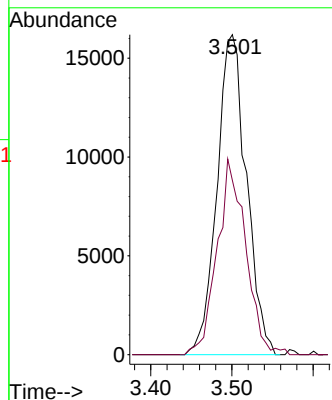
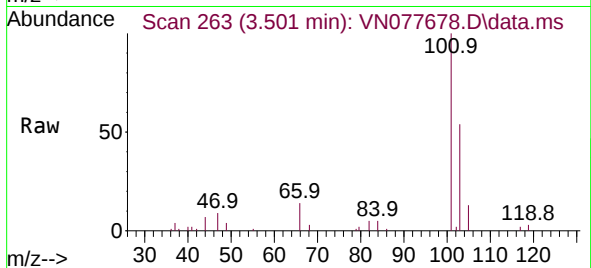
#7
Trichlorofluoromethane
Concen: 5.257 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 4088
Ion Ratio Lower Upper
101 100
103 54.5 50.7 76.1

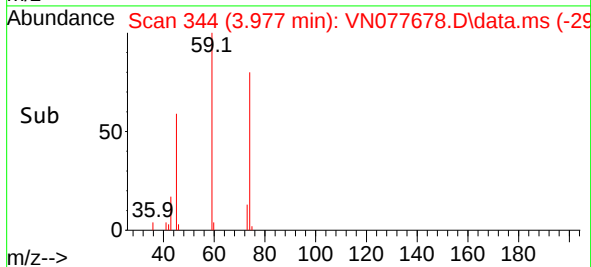
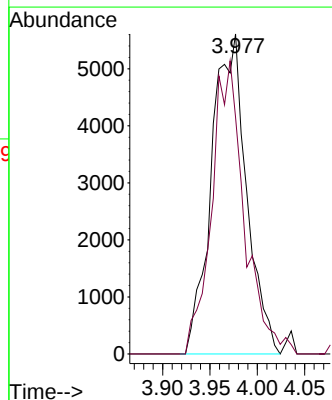
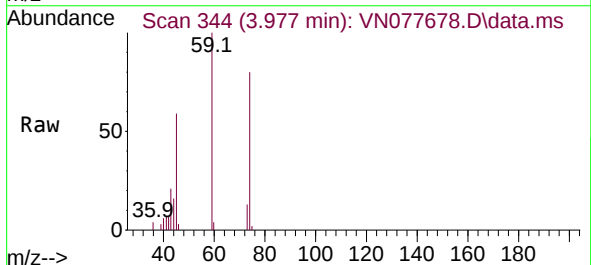
Manual Integrations
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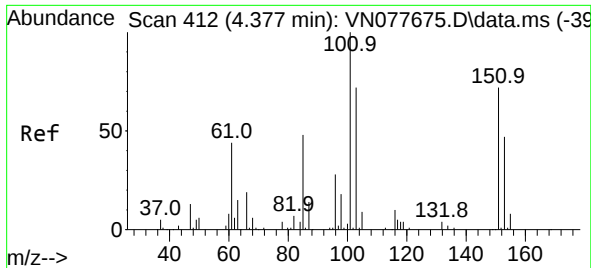
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#8
Diethyl Ether
Concen: 5.071 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.012 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion: 74 Resp: 14398
Ion Ratio Lower Upper
74 100
45 85.6 34.4 103.3





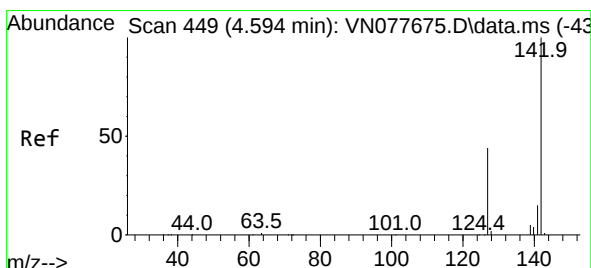
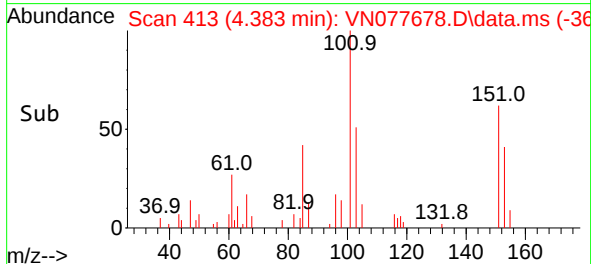
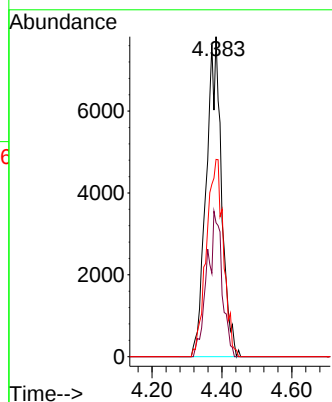
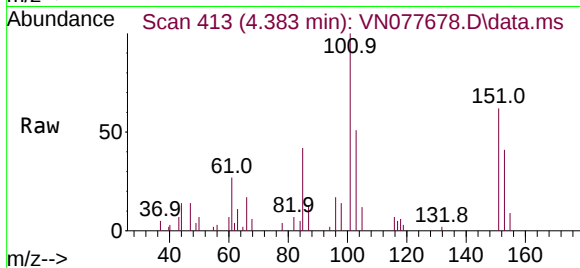
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.532 ug/l m
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2380
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 68.7 57.6 86.4

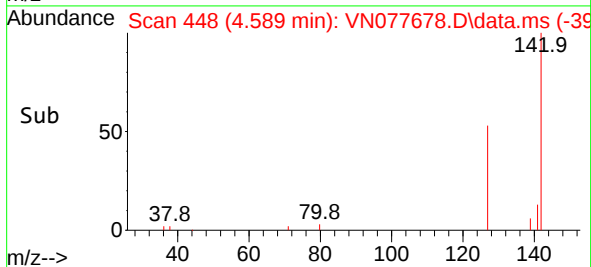
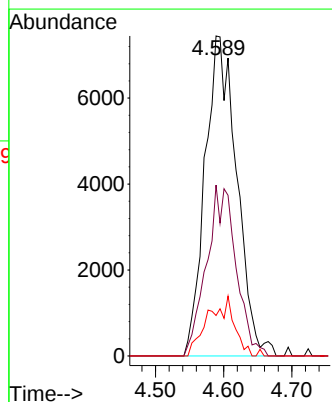
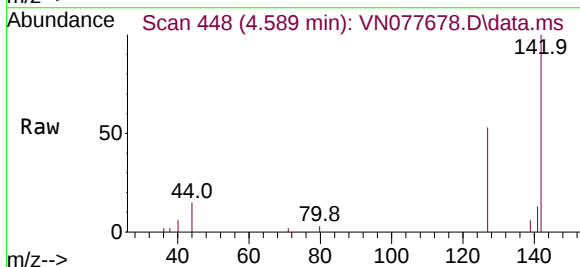
Manual Integrations
APPROVED

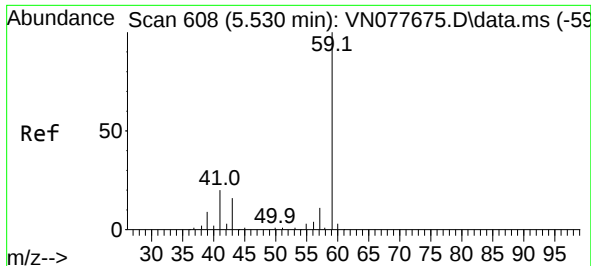
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#10
Methyl Iodide
Concen: 4.689 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

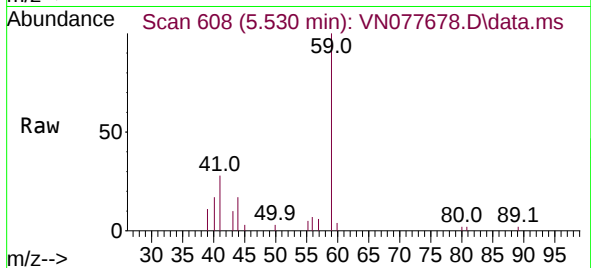
Tgt Ion:142 Resp: 24066
Ion Ratio Lower Upper
142 100
127 53.4 37.6 56.4
141 12.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 27.080 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

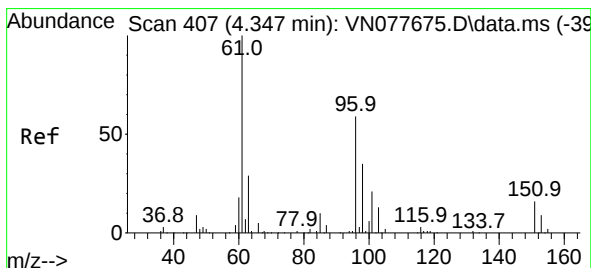
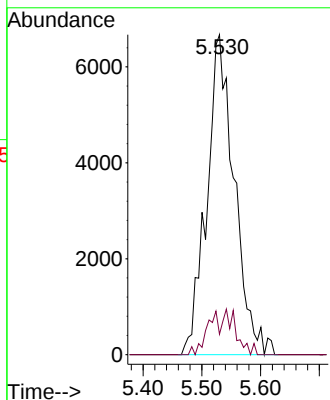
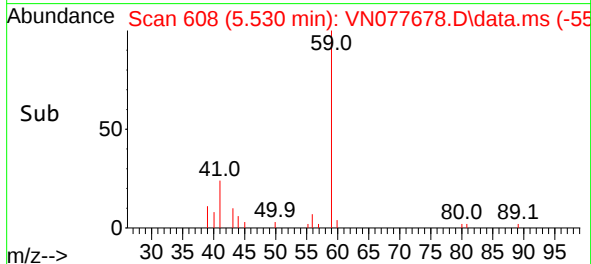
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



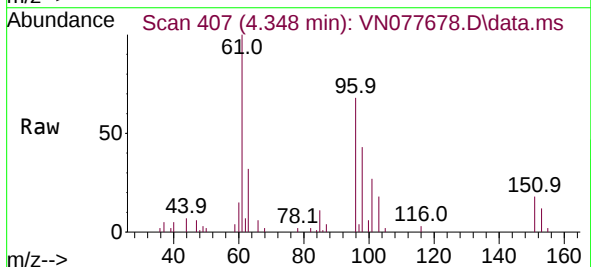
Tgt Ion: 59 Resp: 21748
Ion Ratio Lower Upper
59 100
57 6.1 8.2 12.4

Manual Integrations
APPROVED

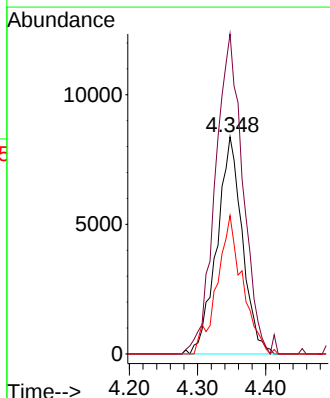
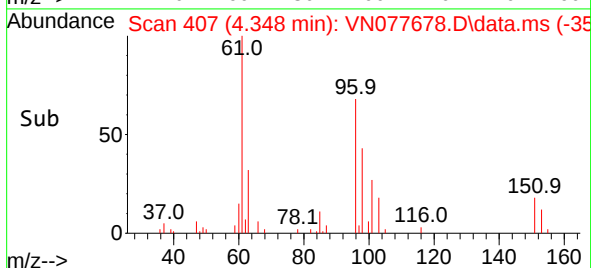
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

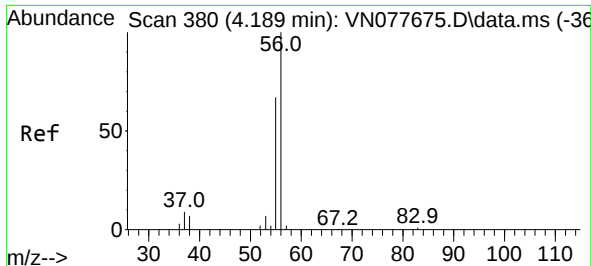


#12
1,1-Dichloroethene
Concen: 5.341 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49



Tgt Ion: 96 Resp: 21847
Ion Ratio Lower Upper
96 100
61 147.4 112.7 169.1
98 63.8 51.2 76.8





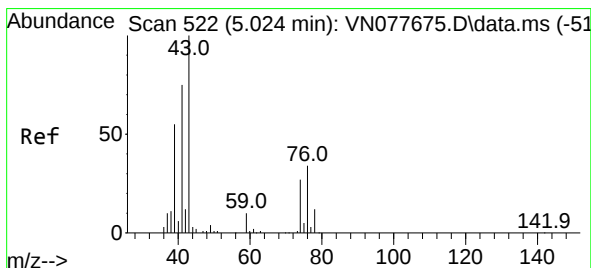
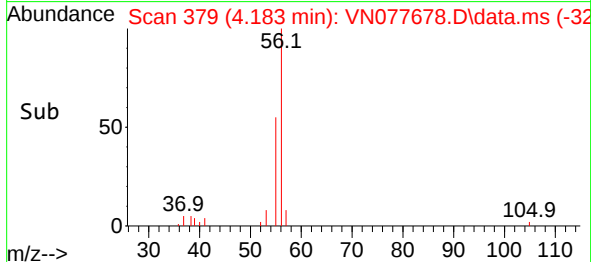
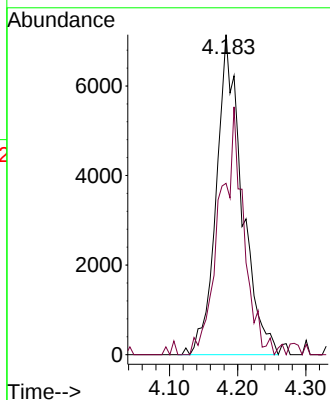
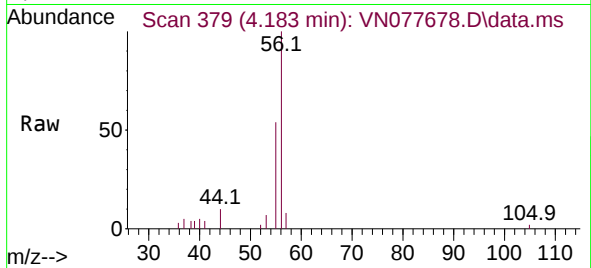
#13
Acrolein
Concen: 9.947 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 18754
Ion Ratio Lower Upper
56 100
55 72.7 54.5 81.7

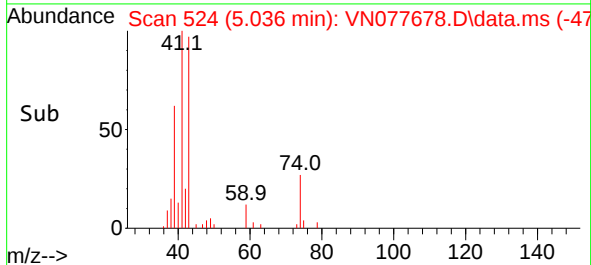
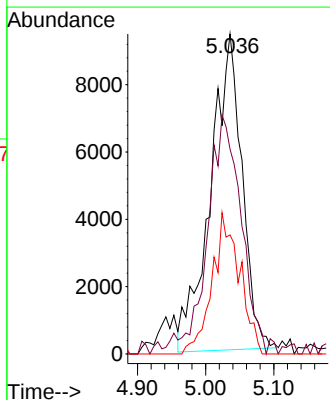
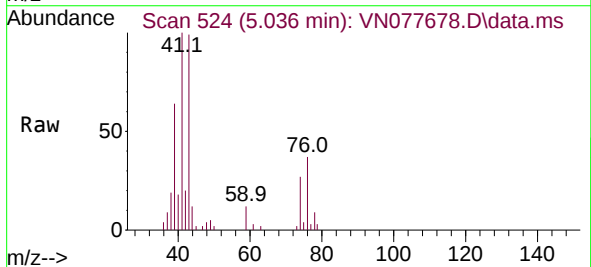
Manual Integrations
APPROVED

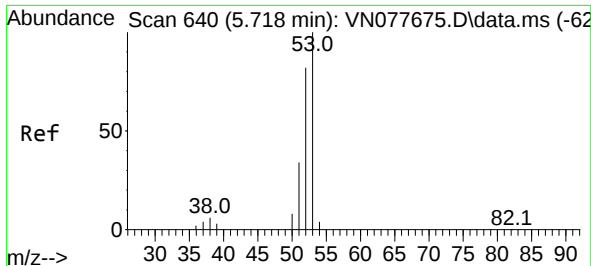
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#14
Allyl chloride
Concen: 5.027 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

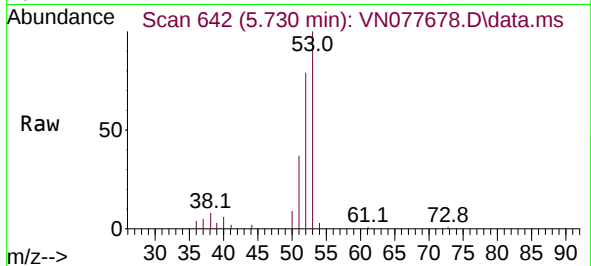
Tgt Ion: 41 Resp: 30287
Ion Ratio Lower Upper
41 100
39 78.4 58.8 88.2
76 38.8 39.1 58.7#





#15
Acrylonitrile
Concen: 25.821 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

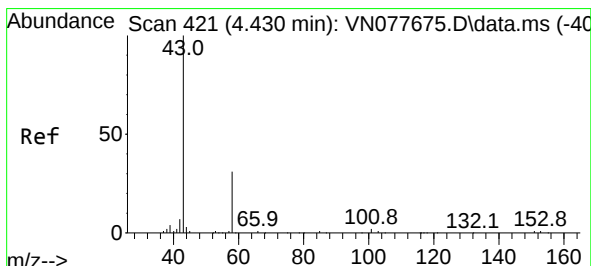
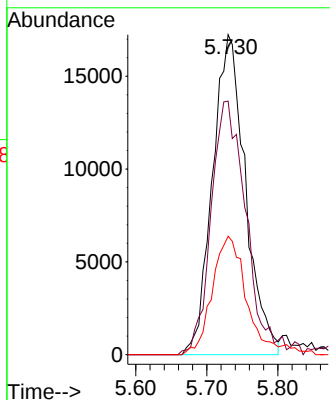
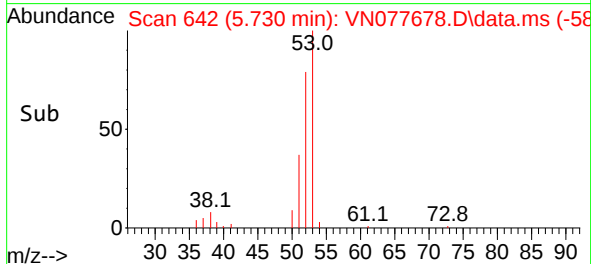
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 5540
Ion Ratio Lower Upper
53 100
52 84.0 65.3 97.9
51 39.4 28.9 43.3

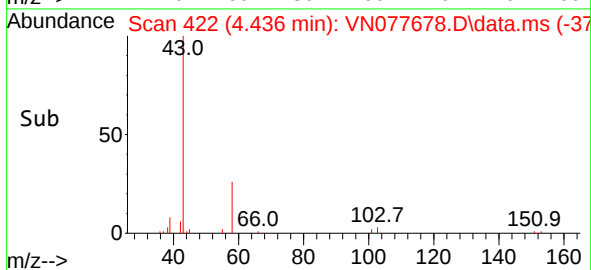
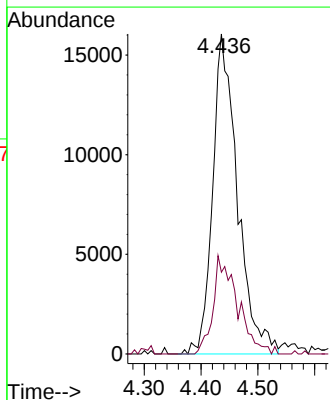
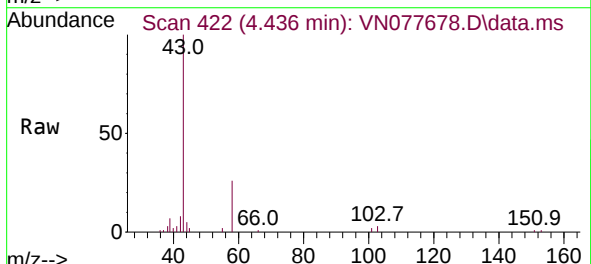
Manual Integrations
APPROVED

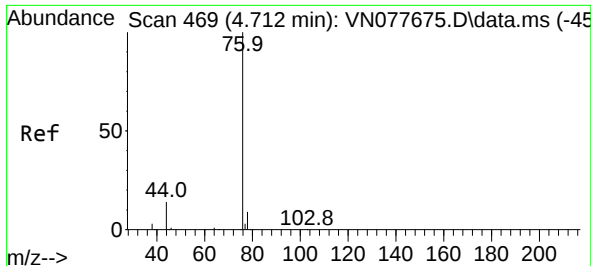
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#16
Acetone
Concen: 26.425 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

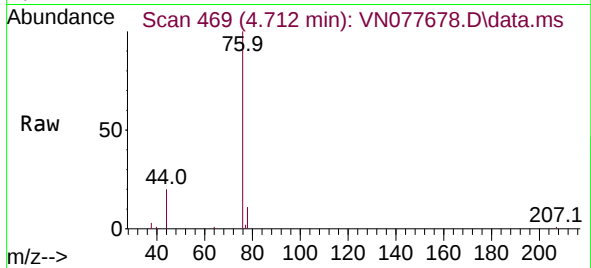
Tgt Ion: 43 Resp: 48696
Ion Ratio Lower Upper
43 100
58 25.6 28.0 42.0#





#17
Carbon Disulfide
Concen: 5.185 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

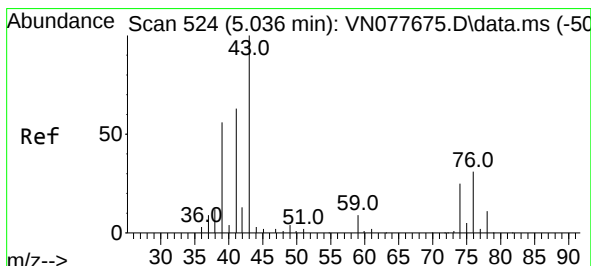
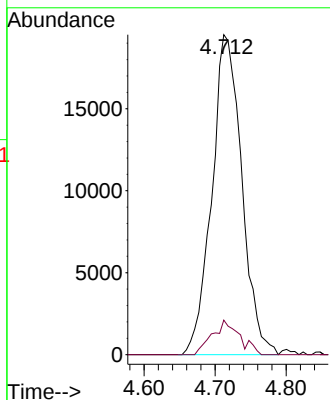
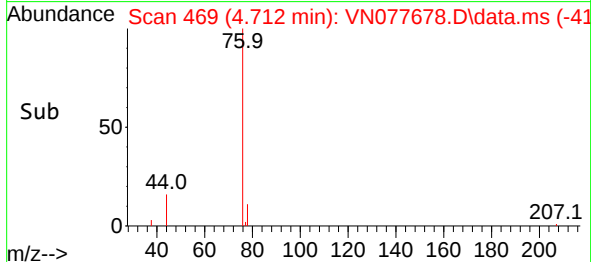
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



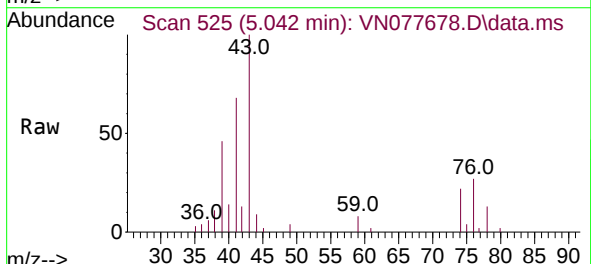
Tgt Ion: 76 Resp: 57144
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

Manual Integrations
APPROVED

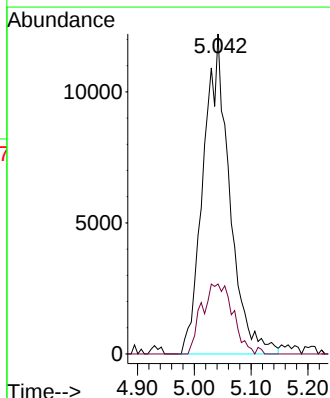
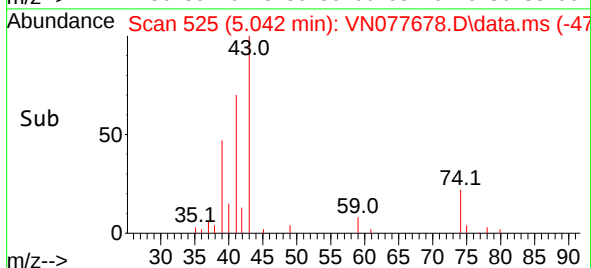
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

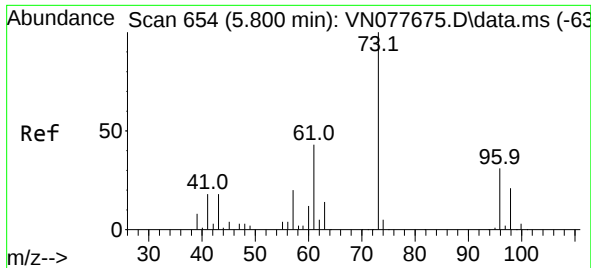


#18
Methyl Acetate
Concen: 5.112 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49



Tgt Ion: 43 Resp: 39261
Ion Ratio Lower Upper
43 100
74 25.9 26.2 39.4#





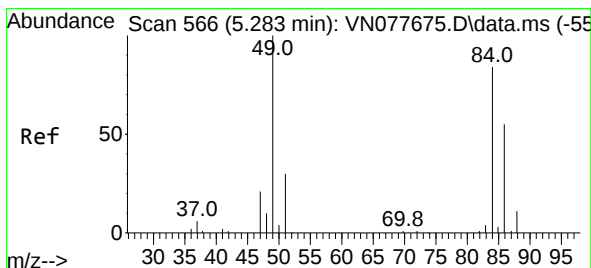
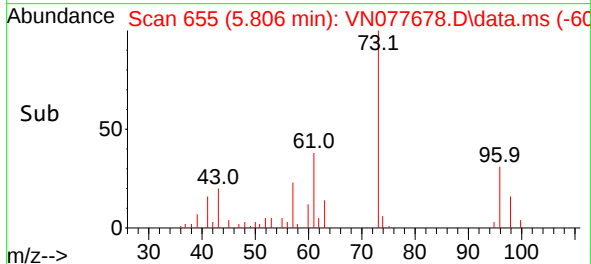
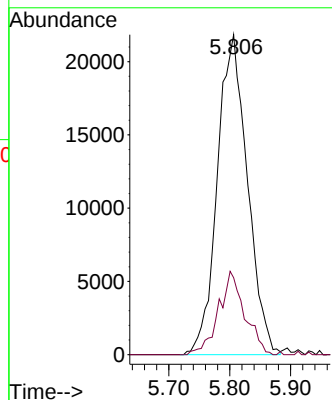
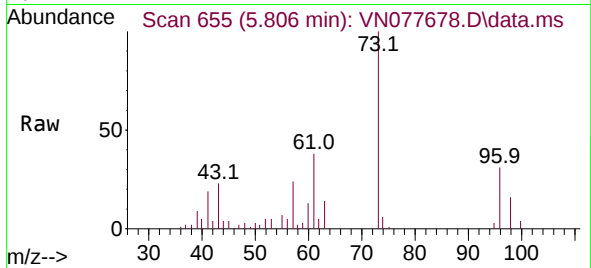
#19
Methyl tert-butyl Ether
Concen: 5.068 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 75036
Ion Ratio Lower Upper
73 100
57 24.0 15.6 23.4

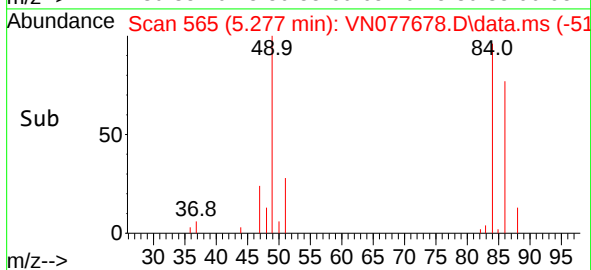
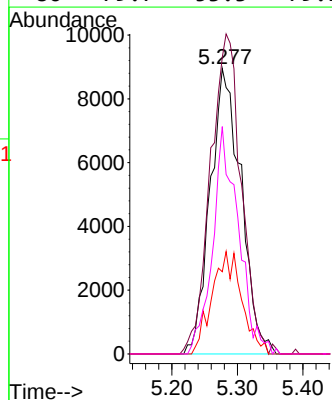
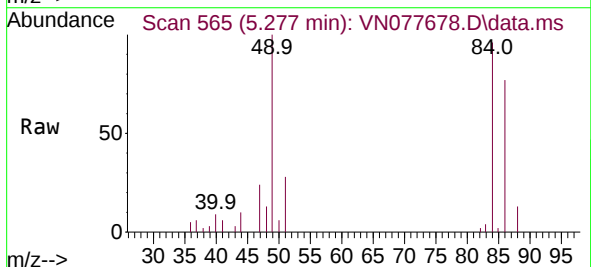
Manual Integrations
APPROVED

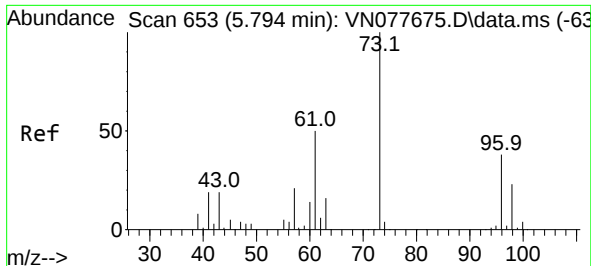
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#20
Methylene Chloride
Concen: 4.326 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

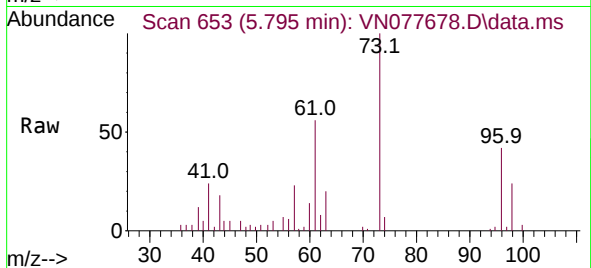
Tgt Ion: 84 Resp: 29213
Ion Ratio Lower Upper
84 100
49 104.0 79.7 119.5
51 28.8 25.2 37.8
86 79.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 5.312 ug/l
RT: 5.795 min Scan# 610
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

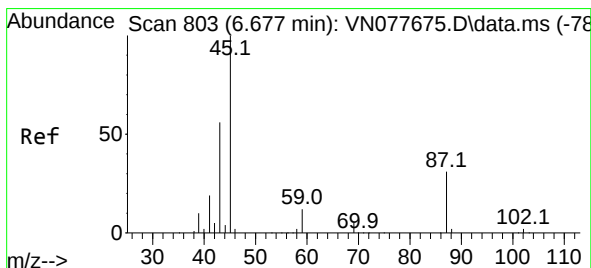
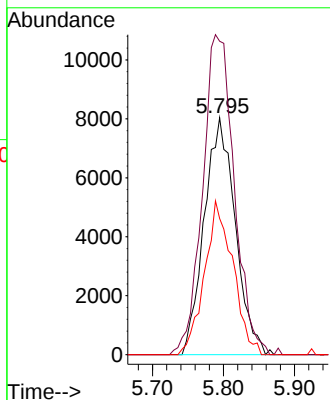
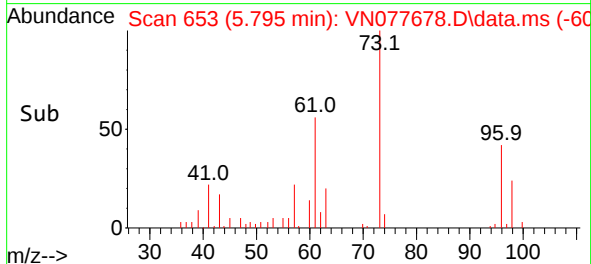
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 24400
Ion Ratio Lower Upper
96 100
61 129.5 90.1 135.1
98 57.5 46.4 69.6

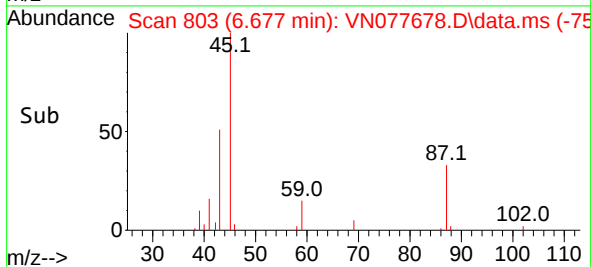
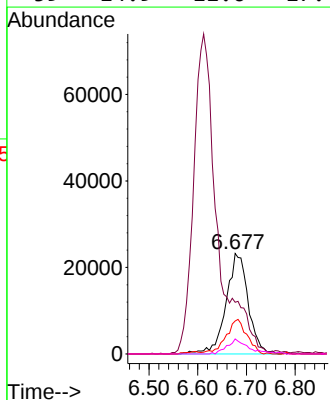
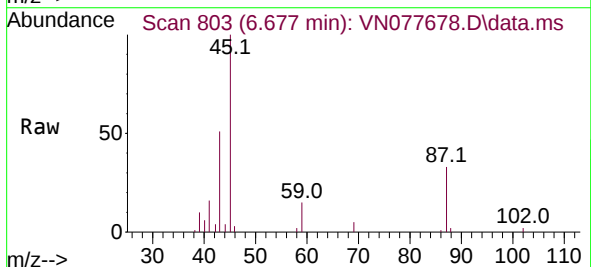
Manual Integrations
APPROVED

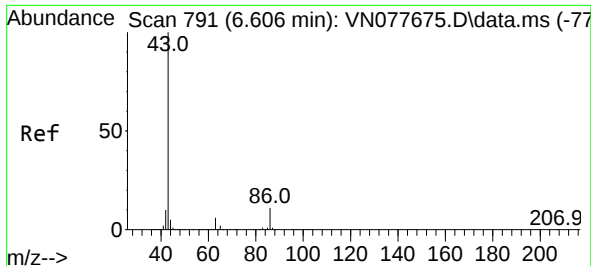
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#22
Diisopropyl ether
Concen: 5.218 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

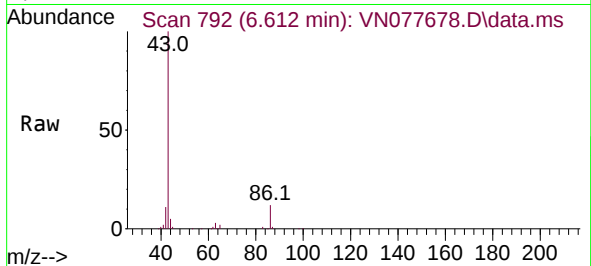
Tgt Ion: 45 Resp: 73503
Ion Ratio Lower Upper
45 100
43 48.3 45.5 68.3
87 32.8 31.8 47.8
59 14.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 28.820 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077678.D
 Acq: 15 May 2023 18:49

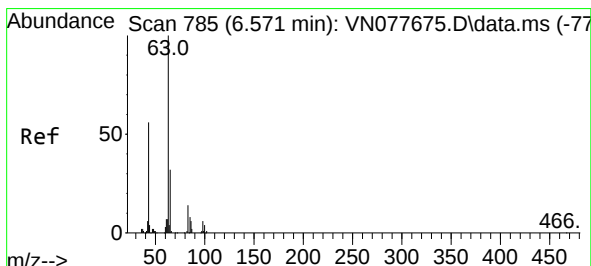
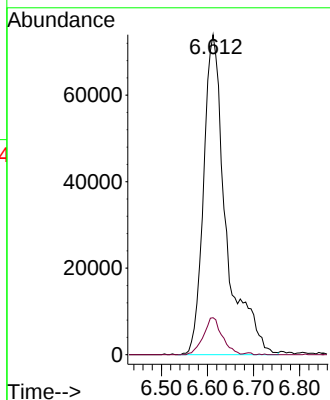
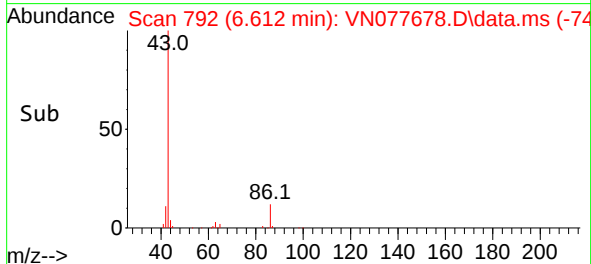
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



Tgt Ion: 43 Resp: 251509
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

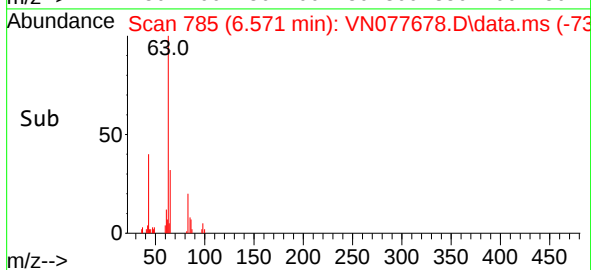
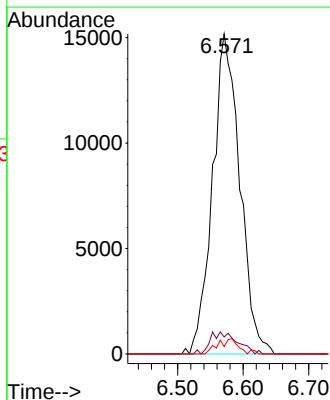
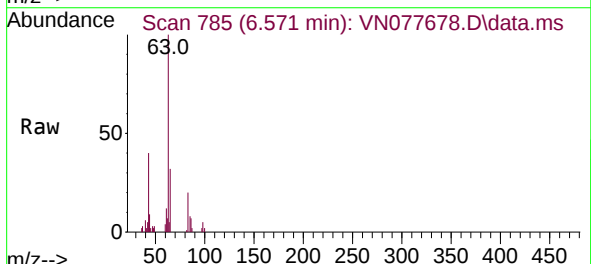
Manual Integrations
 APPROVED

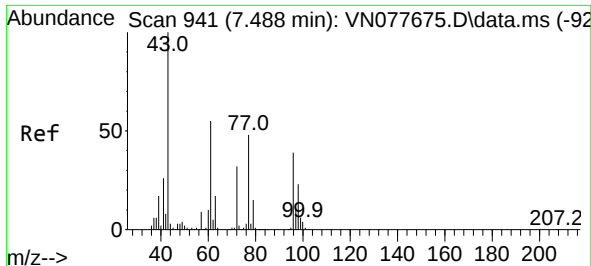
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#24
 1,1-Dichloroethane
 Concen: 5.079 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077678.D
 Acq: 15 May 2023 18:49

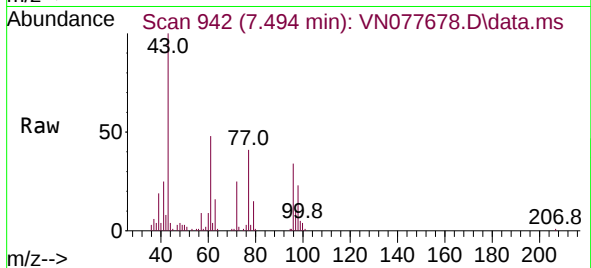
Tgt Ion: 63 Resp: 43830
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.9 11.7
 100 2.3 2.5 7.4





#25
2-Butanone
Concen: 26.458 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

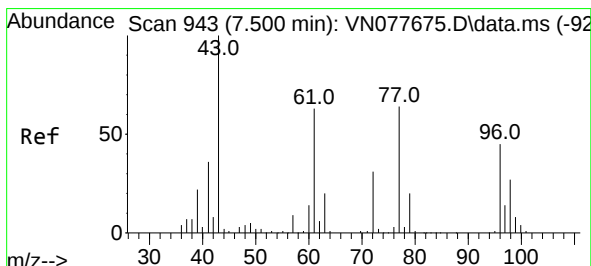
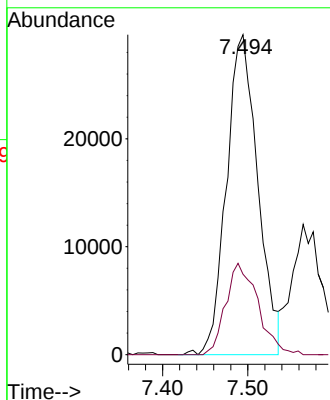
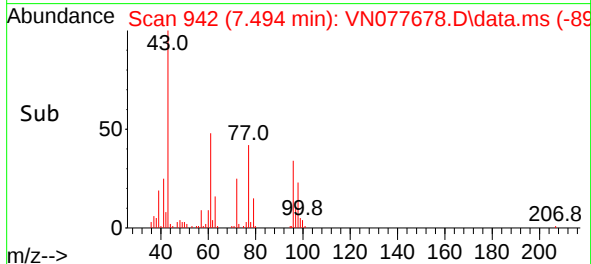
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 75774
Ion Ratio Lower Upper
43 100
72 25.2 30.2 45.2

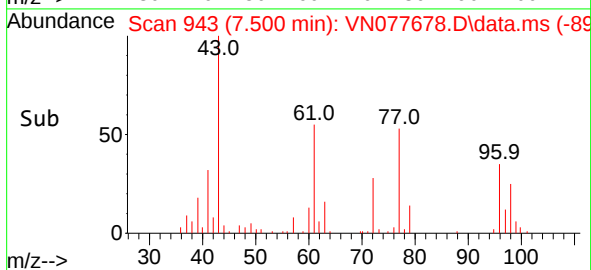
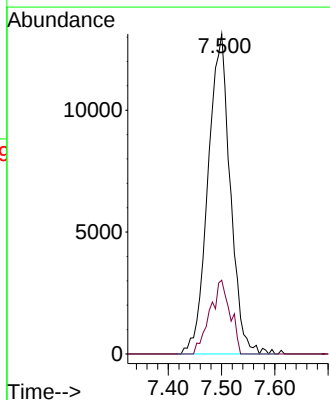
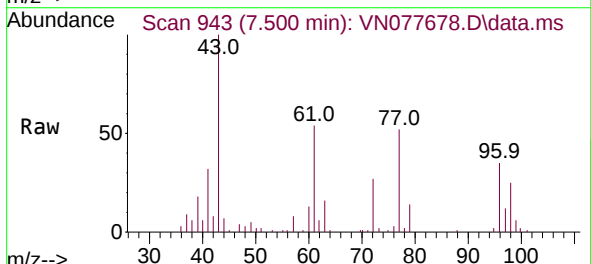
Manual Integrations
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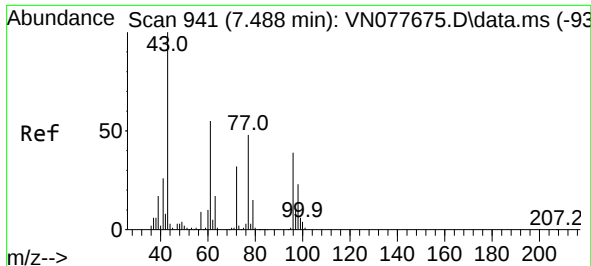
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#26
2,2-Dichloropropane
Concen: 5.204 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion: 77 Resp: 38154
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.6





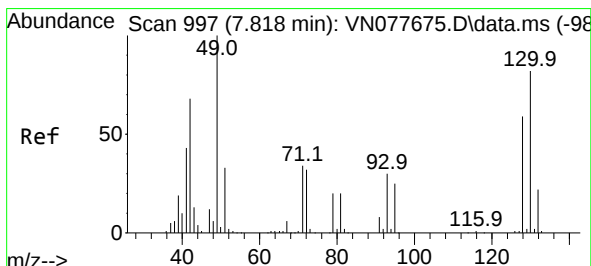
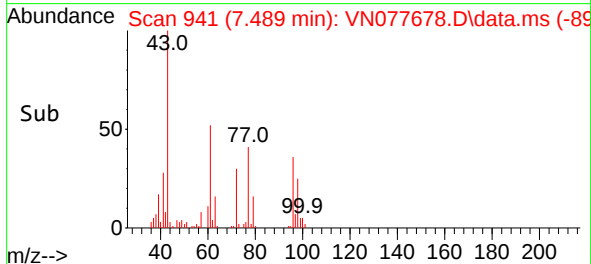
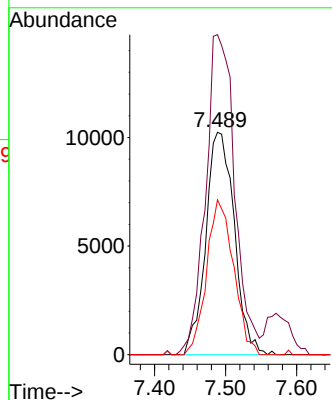
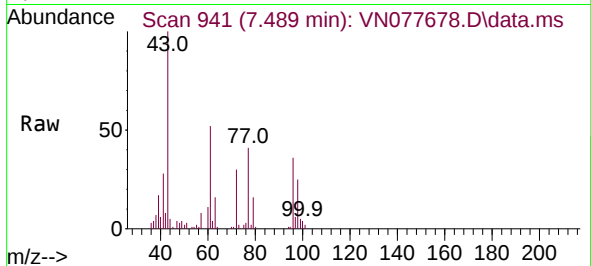
#27
 cis-1,2-Dichloroethene
 Concen: 5.192 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN077678.D
 Acq: 15 May 2023 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 2860
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 65.8 0.0 128.8

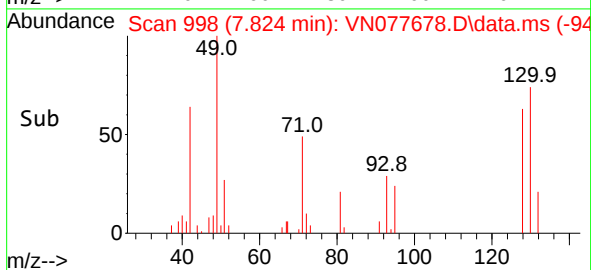
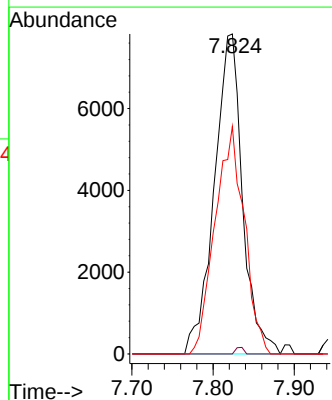
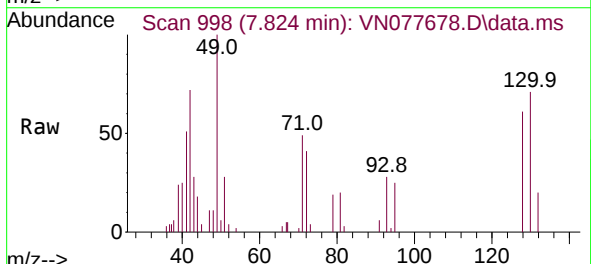
Manual Integrations
 APPROVED

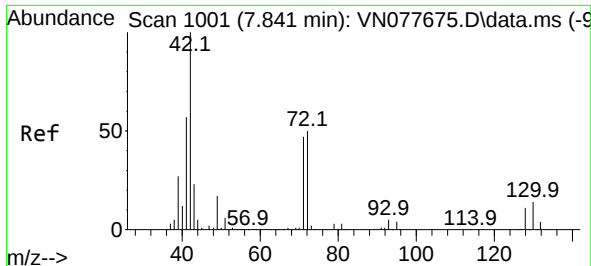
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#28
 Bromochloromethane
 Concen: 5.064 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077678.D
 Acq: 15 May 2023 18:49

Tgt Ion: 49 Resp: 18897
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.8
 130 73.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 25.289 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

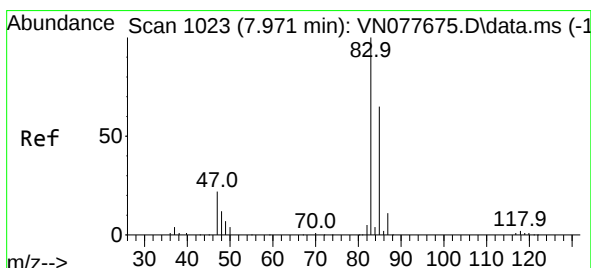
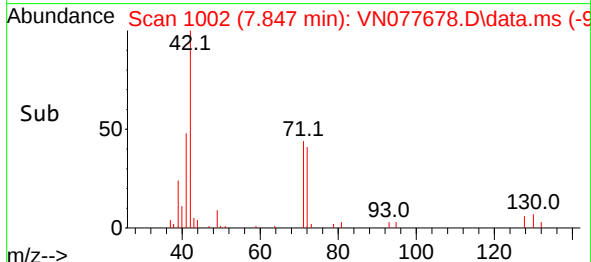
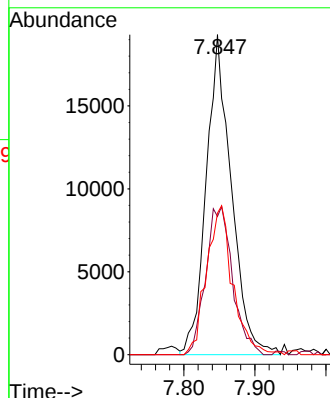
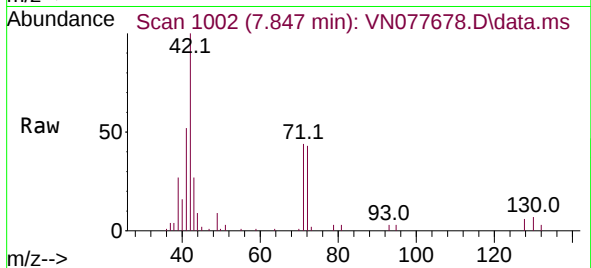
Tgt Ion: 42 Resp: 47424
 Ion Ratio Lower Upper
 42 100
 72 49.3 49.8 74.6
 71 48.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#30

Chloroform

Concen: 5.090 ug/l

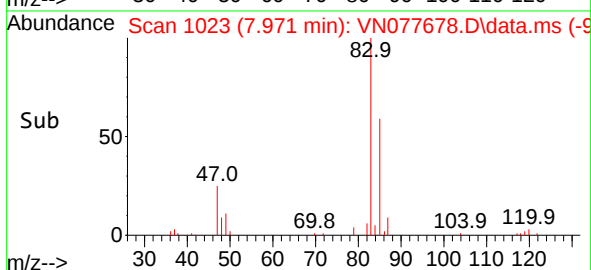
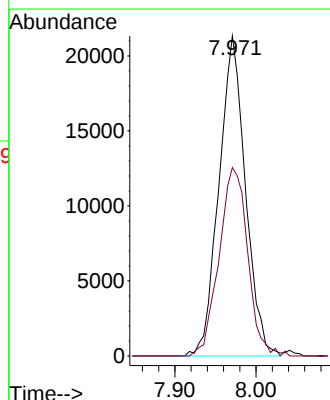
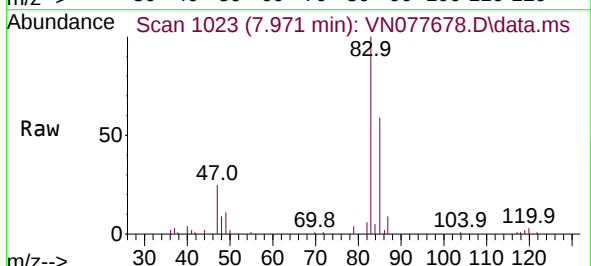
RT: 7.971 min Scan# 1023

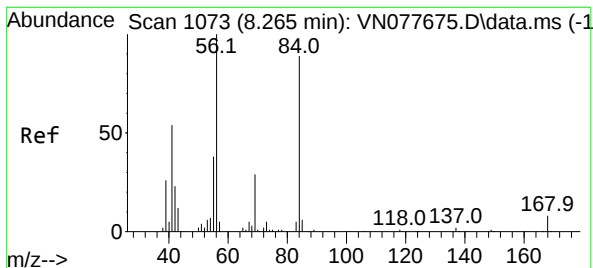
Delta R.T. -0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Tgt Ion: 83 Resp: 48320
 Ion Ratio Lower Upper
 83 100
 85 58.9 55.4 83.0





#31

Cyclohexane

Concen: 5.994 ug/l

RT: 8.259 min Scan# 1073

Delta R.T. -0.006 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 4740

Ion Ratio Lower Upper

56 100

69 38.0 26.8 40.2

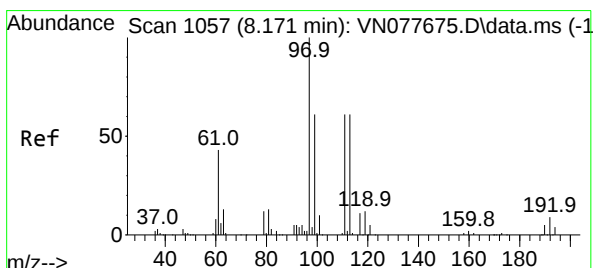
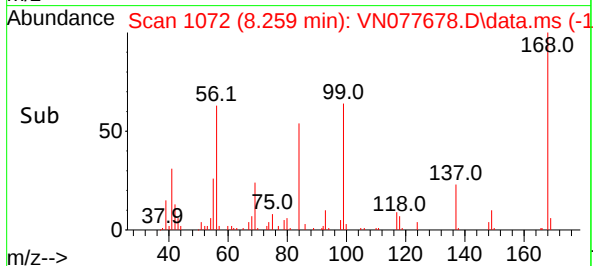
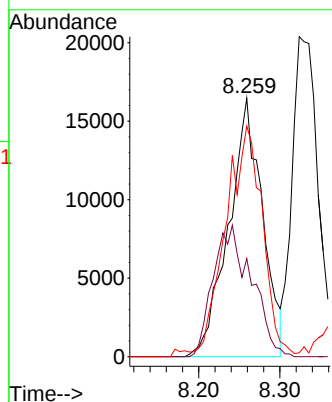
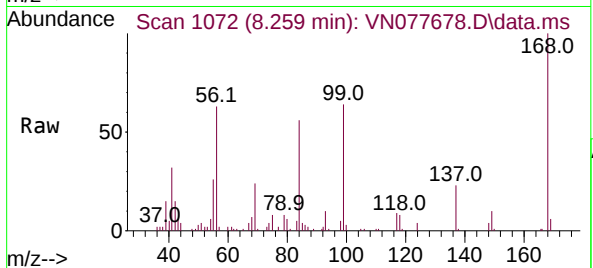
84 87.3 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#32

1,1,1-Trichloroethane

Concen: 5.007 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

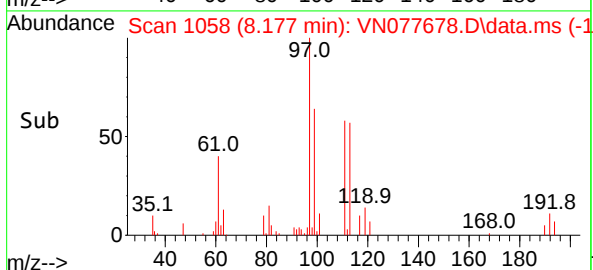
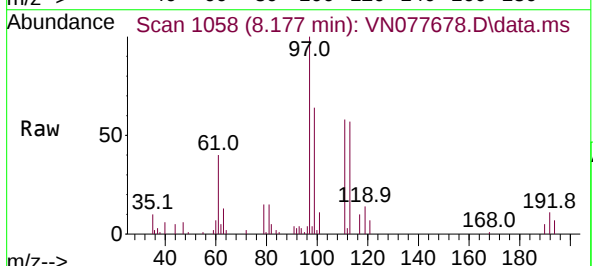
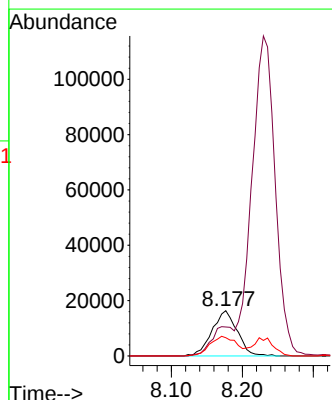
Tgt Ion: 97 Resp: 40412

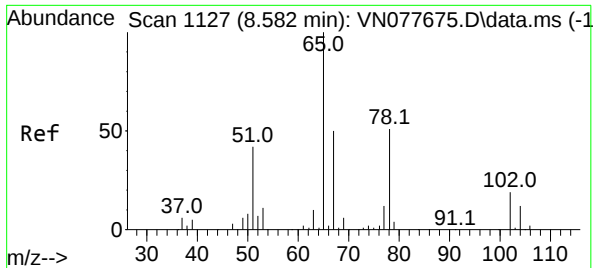
Ion Ratio Lower Upper

97 100

99 58.1 50.3 75.5

61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.520 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 3212

Ion Ratio Lower Upper

65 100

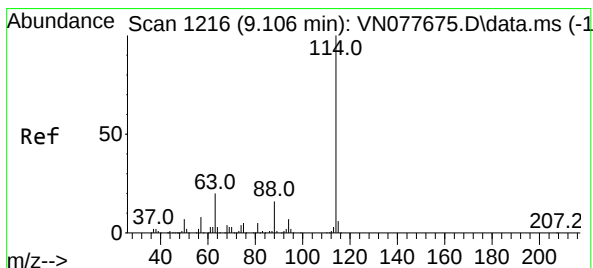
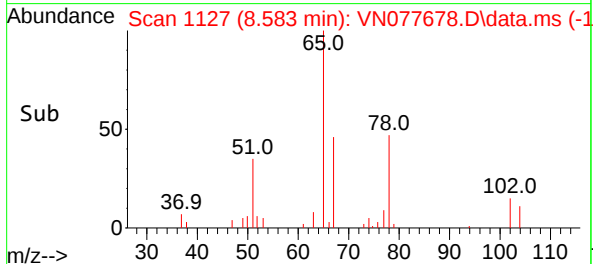
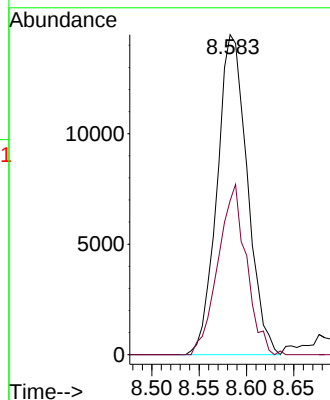
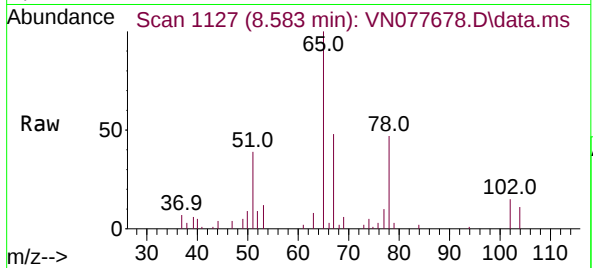
67 50.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

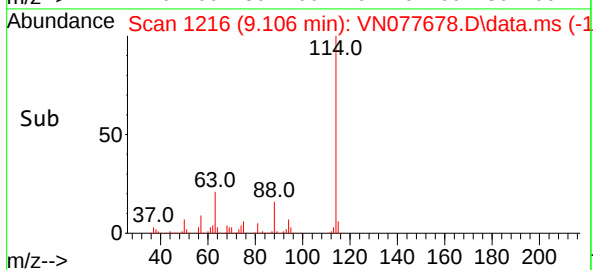
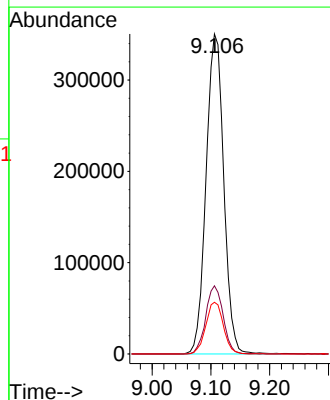
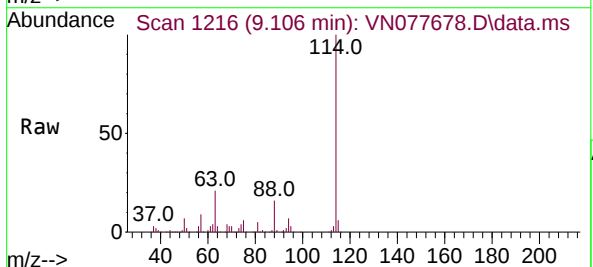
Tgt Ion:114 Resp: 730835

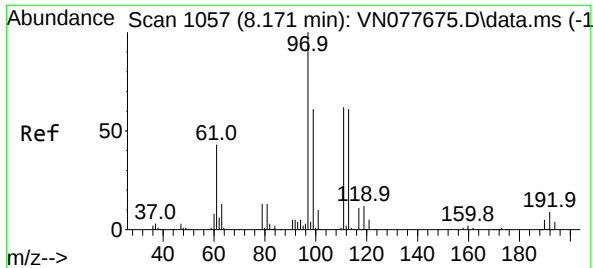
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.305 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

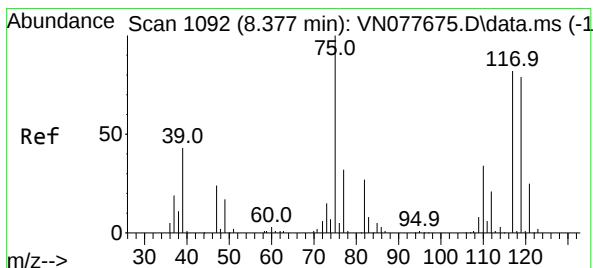
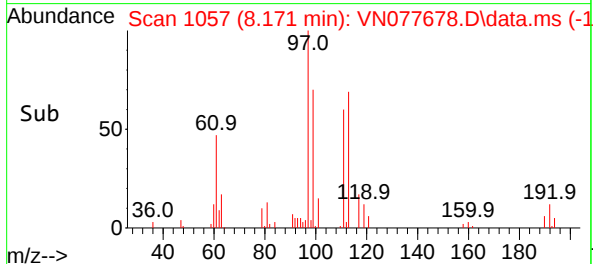
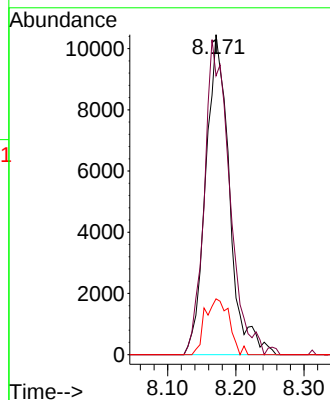
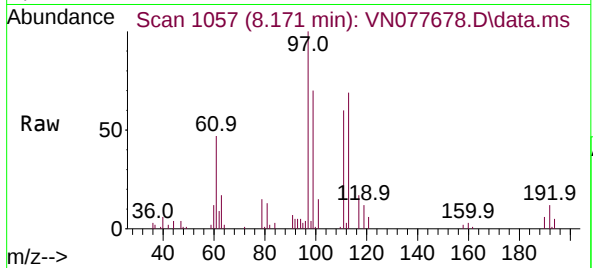
Tgt Ion:	113	Resp:	2528
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	123.8
192	17.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#36

1,1-Dichloropropene

Concen: 4.921 ug/l

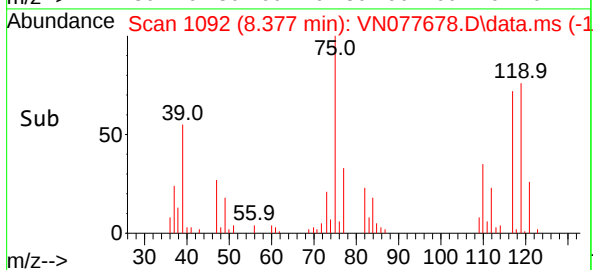
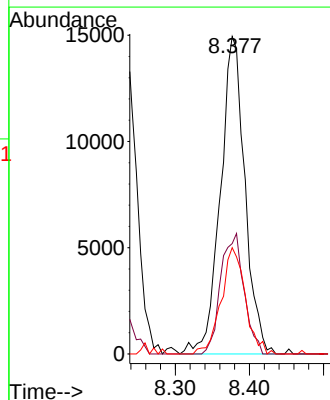
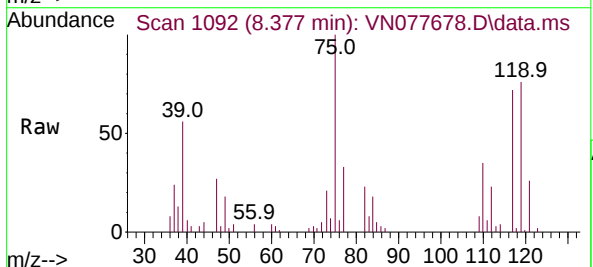
RT: 8.377 min Scan# 1092

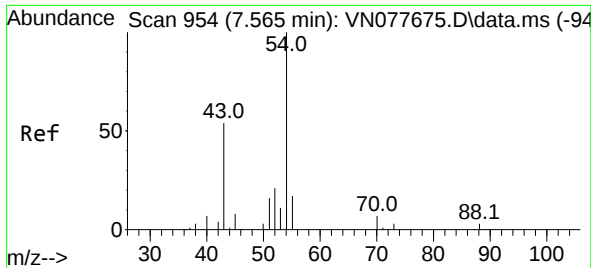
Delta R.T. -0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Tgt Ion:	75	Resp:	34305
Ion Ratio	Lower	Upper	
75	100		
110	35.9	19.1	57.3
77	32.9	25.0	37.4





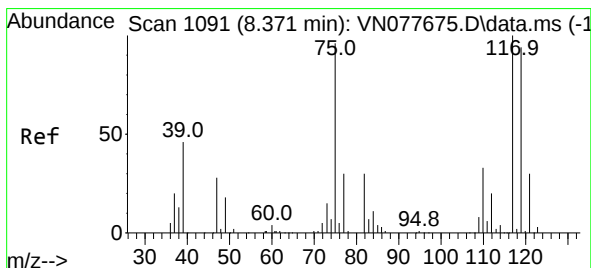
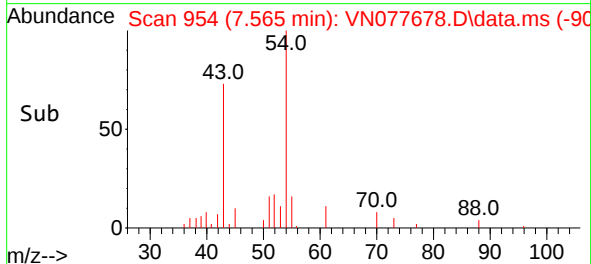
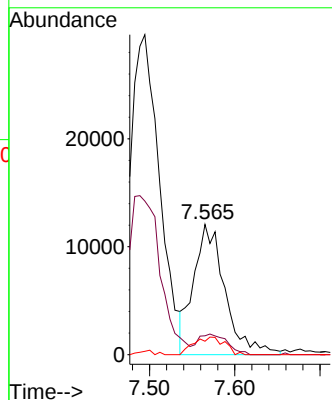
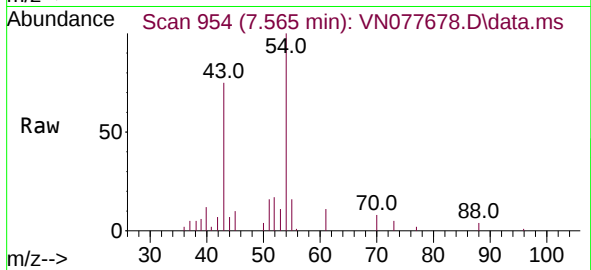
#37
Ethyl Acetate
Concen: 4.966 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3085
Ion Ratio Lower Upper
43 100
61 14.9 13.2 19.8
70 13.3 11.3 16.9

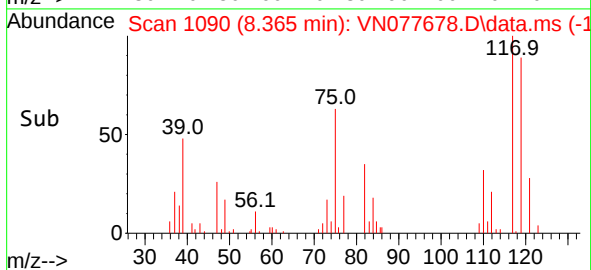
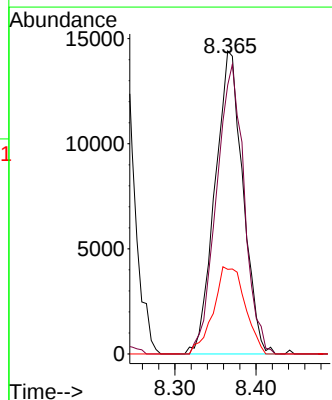
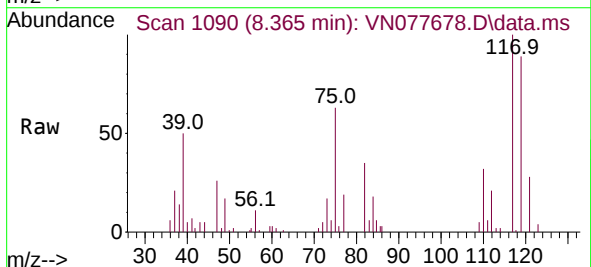
Manual Integrations
APPROVED

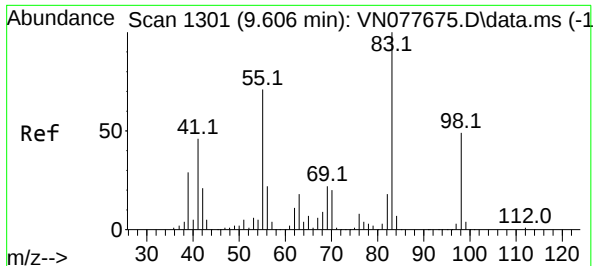
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#38
Carbon Tetrachloride
Concen: 4.891 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion:117 Resp: 34426
Ion Ratio Lower Upper
117 100
119 88.8 77.3 115.9
121 27.9 23.3 34.9





#39

Methylcyclohexane

Concen: 4.808 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 4103

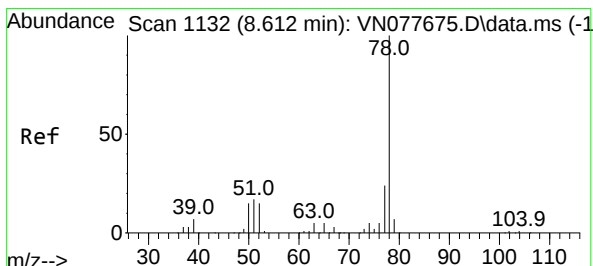
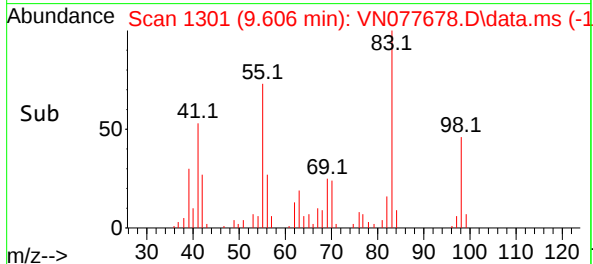
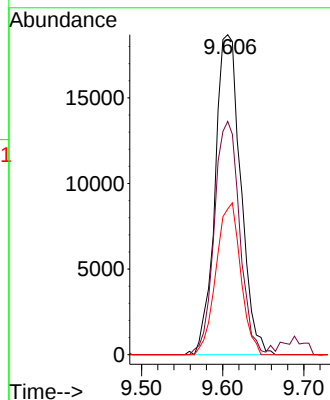
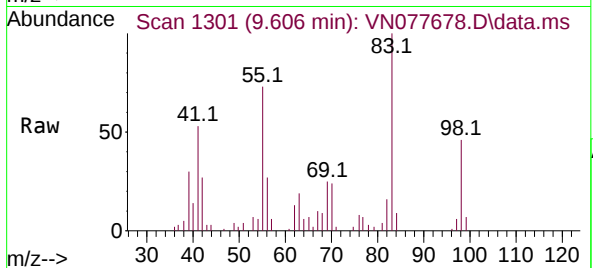
Ion	Ratio	Lower	Upper
83	100		
55	72.9	49.1	73.7
98	45.5	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#40

Benzene

Concen: 5.127 ug/l

RT: 8.612 min Scan# 1132

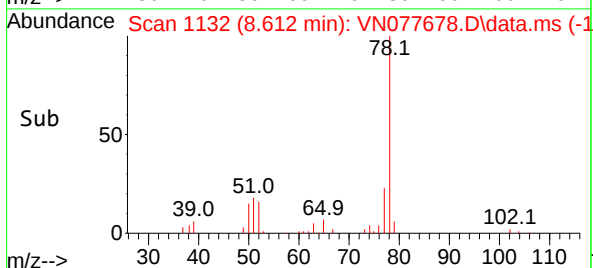
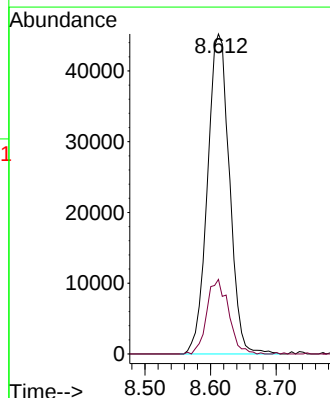
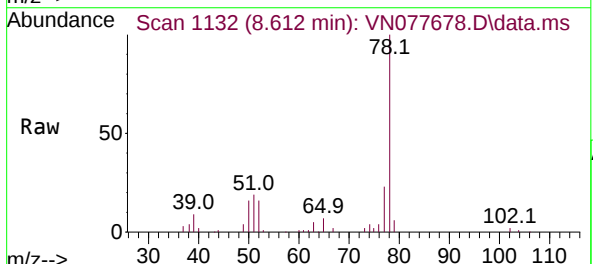
Delta R.T. 0.000 min

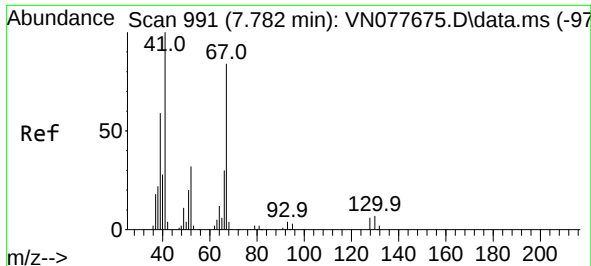
Lab File: VN077678.D

Acq: 15 May 2023 18:49

Tgt Ion: 78 Resp: 105452

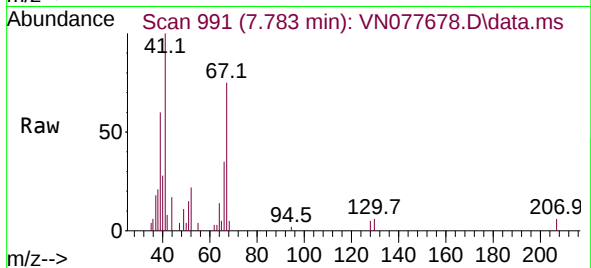
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 5.336 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

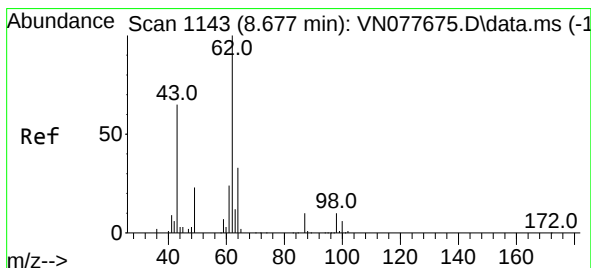
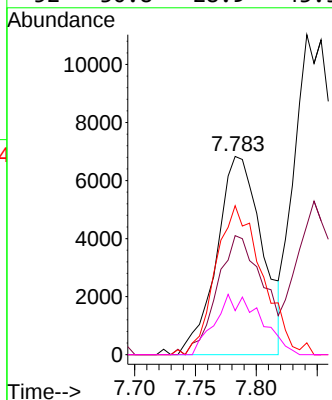
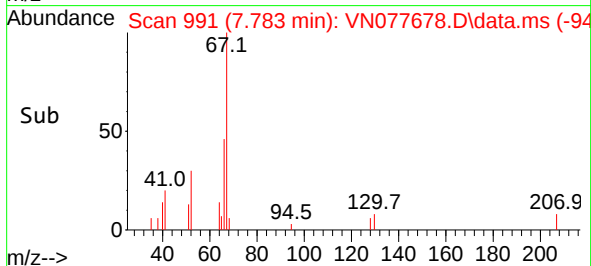
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 17654
Ion Ratio Lower Upper
41 100
39 60.9 42.6 64.0
67 78.0 77.5 116.3
52 30.8 28.9 43.3

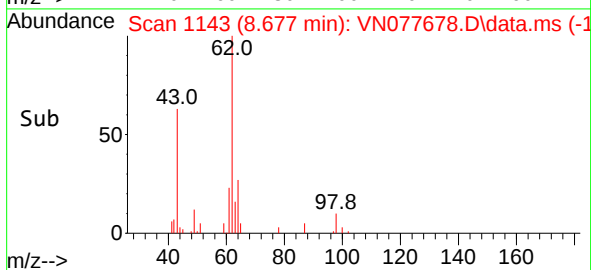
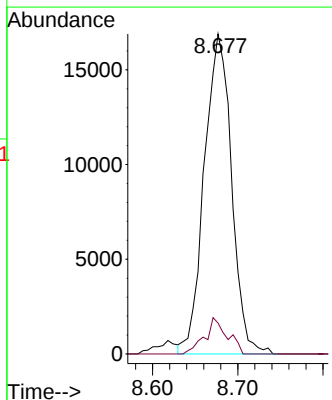
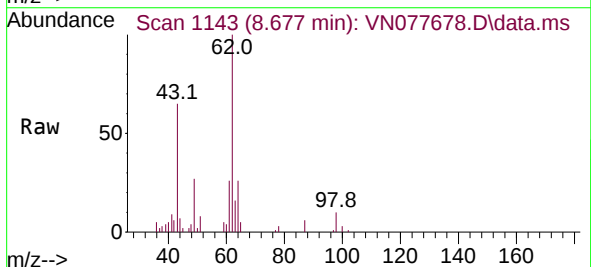
Manual Integrations
APPROVED

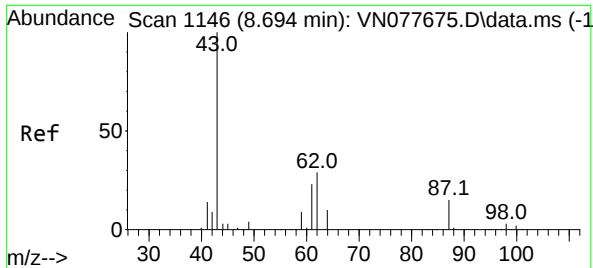
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#42
1,2-Dichloroethane
Concen: 5.031 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

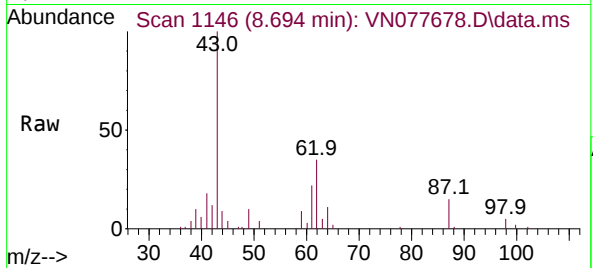
Tgt Ion: 62 Resp: 37594
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43
Isopropyl Acetate
Concen: 4.930 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

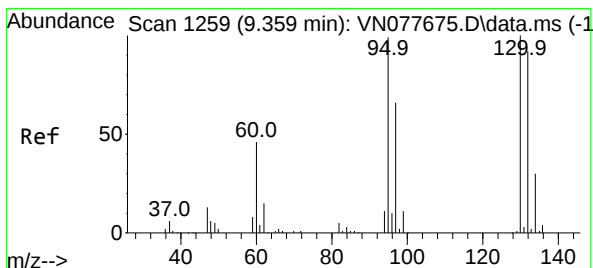
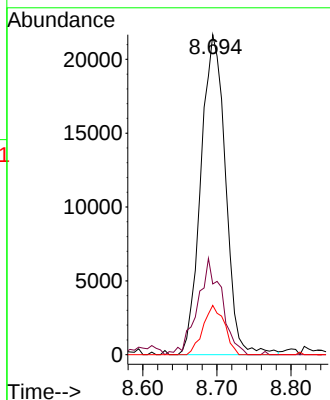
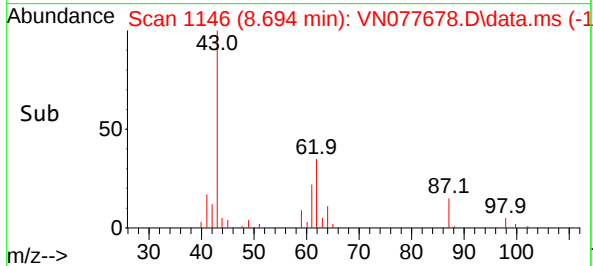
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



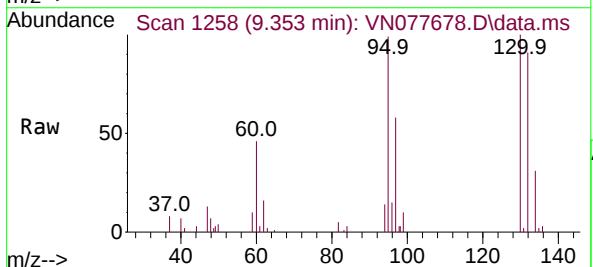
Tgt Ion: 43 Resp: 5002
Ion Ratio Lower Upper
43 100
61 29.8 24.7 37.1
87 13.4 14.6 21.8

Manual Integrations
APPROVED

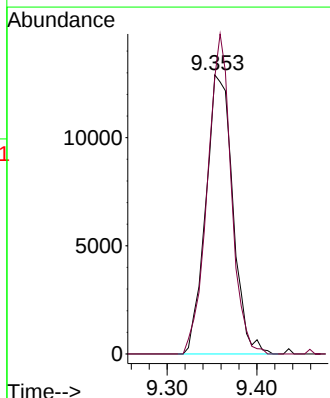
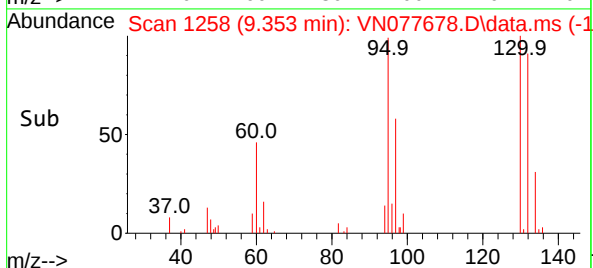
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

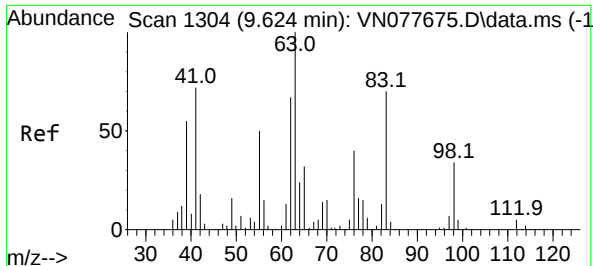


#44
Trichloroethene
Concen: 5.187 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49



Tgt Ion:130 Resp: 27016
Ion Ratio Lower Upper
130 100
95 99.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 4.974 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 2609

Ion Ratio Lower Upper

63 100

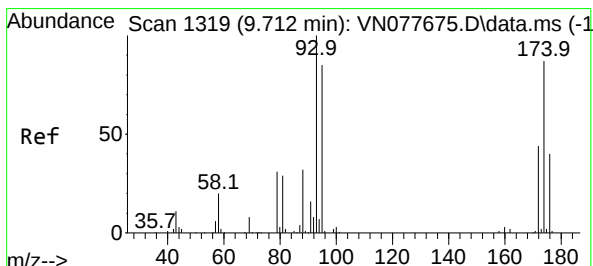
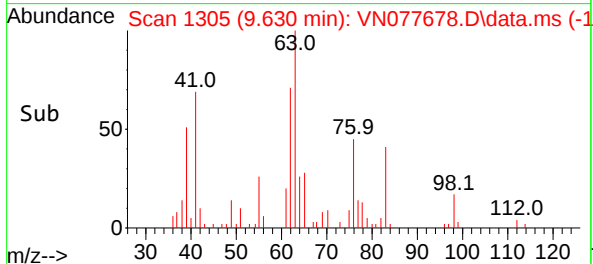
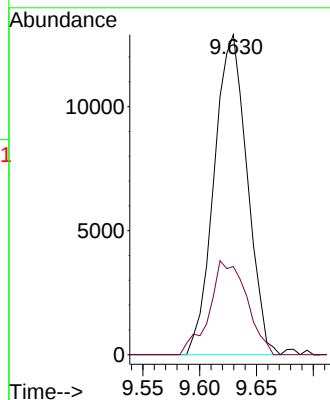
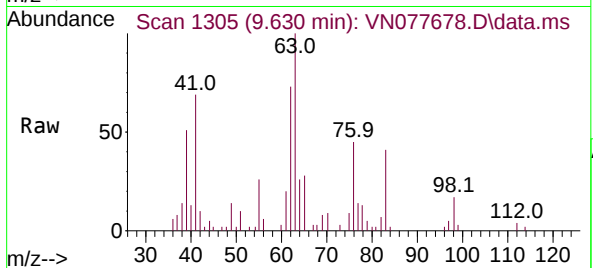
65 27.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#46

Dibromomethane

Concen: 4.922 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

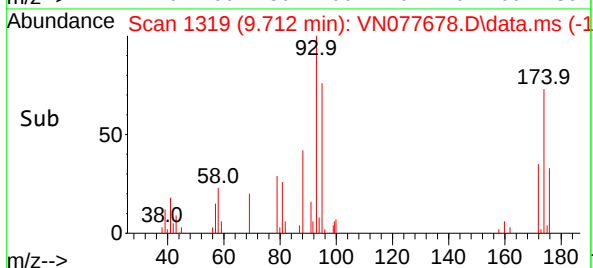
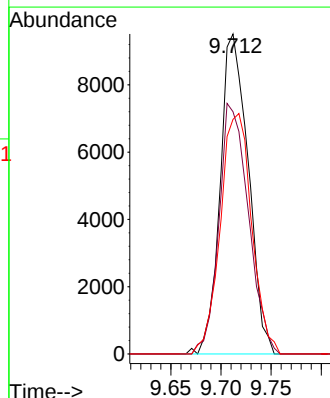
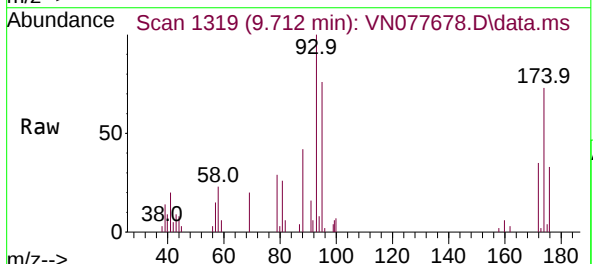
Tgt Ion: 93 Resp: 18481

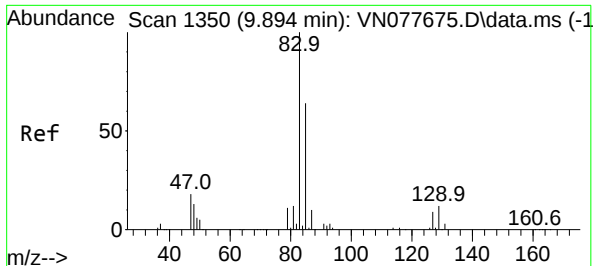
Ion Ratio Lower Upper

93 100

95 82.4 63.8 95.8

174 84.0 65.6 98.4





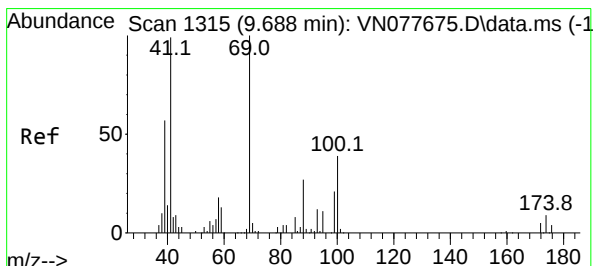
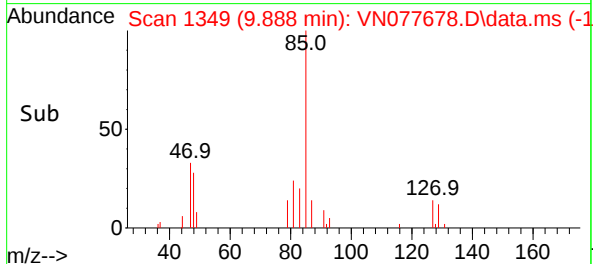
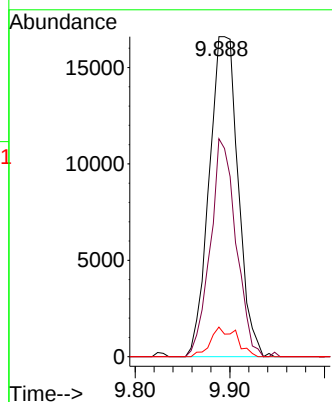
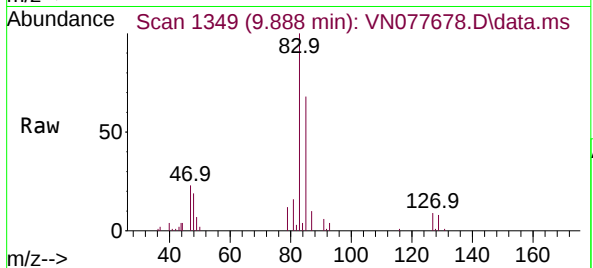
#47
Bromodichloromethane
Concen: 4.896 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 3519
Ion Ratio Lower Upper
83 100
85 68.1 49.6 74.4
127 9.2 7.0 10.6

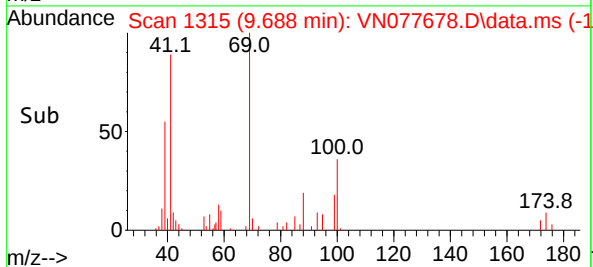
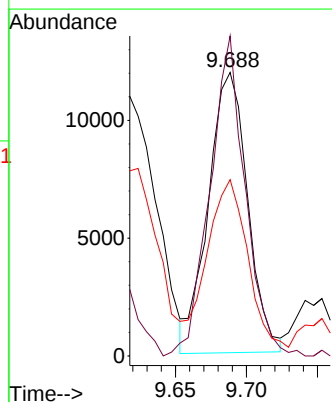
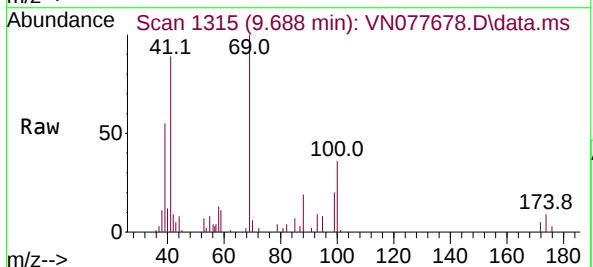
Manual Integrations
APPROVED

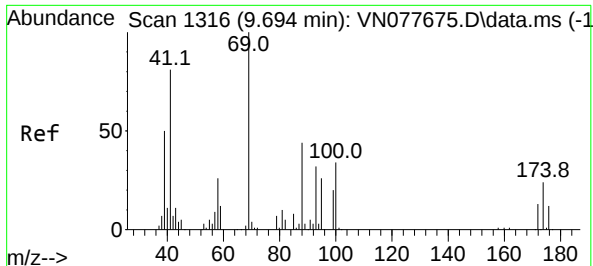
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#48
Methyl methacrylate
Concen: 4.764 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion: 41 Resp: 22923
Ion Ratio Lower Upper
41 100
69 102.6 90.4 135.6
39 68.1 54.6 81.8





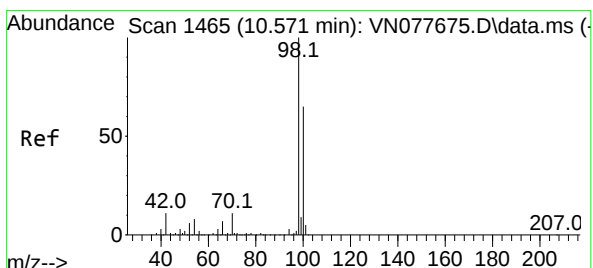
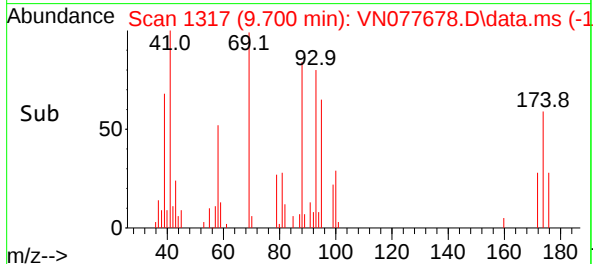
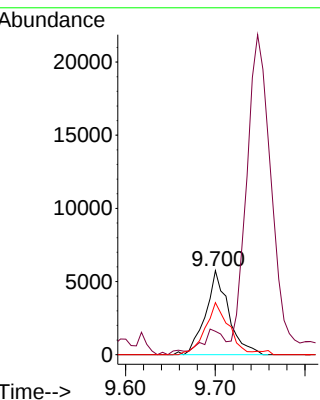
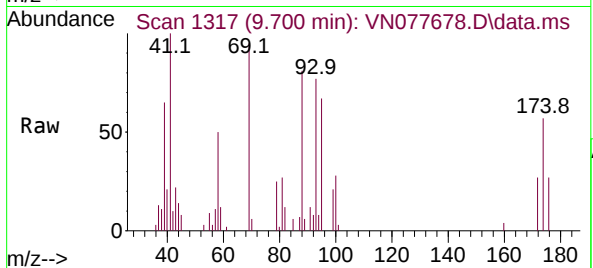
#49
1,4-Dioxane
Concen: 113.220 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 10290
Ion Ratio Lower Upper
88 100
43 30.1 17.0 25.6
58 63.0 47.0 70.4

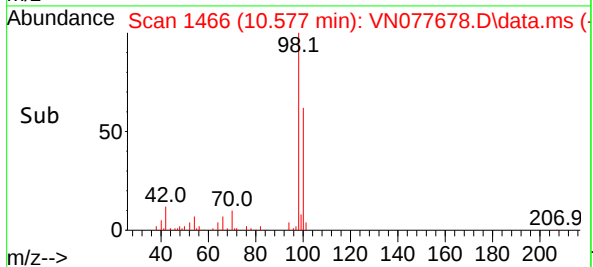
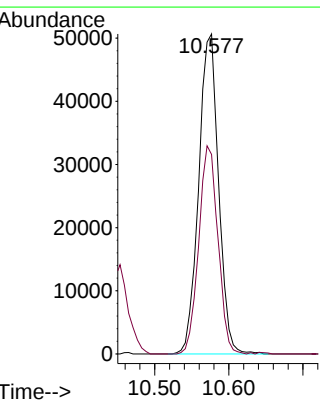
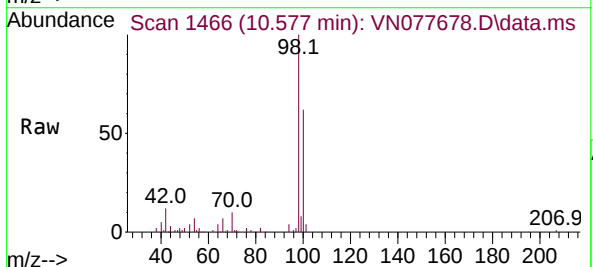
Manual Integrations
APPROVED

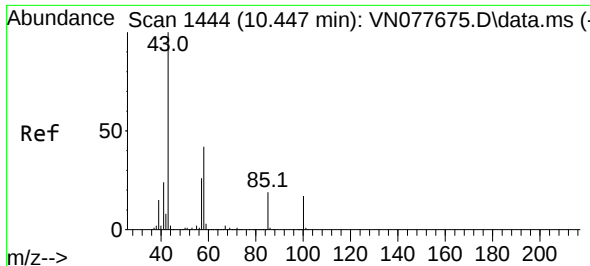
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#50
Toluene-d8
Concen: 5.144 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion: 98 Resp: 94366
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0





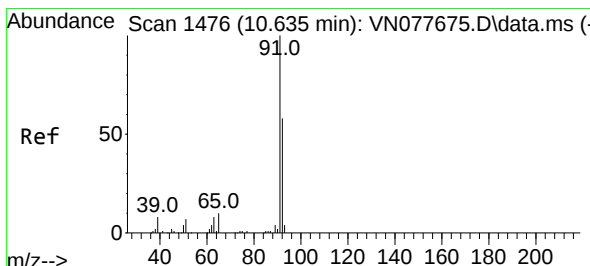
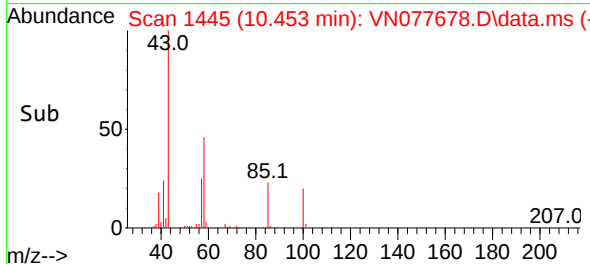
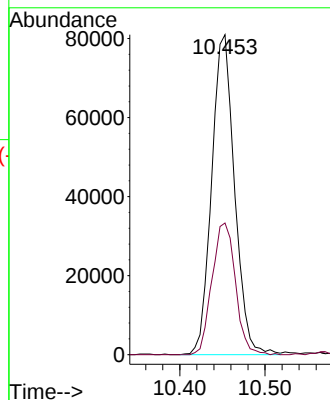
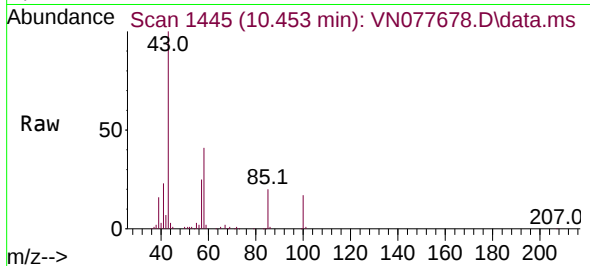
#51
4-Methyl-2-Pentanone
Concen: 25.076 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 15126
Ion Ratio Lower Upper
43 100
58 42.0 36.6 54.8

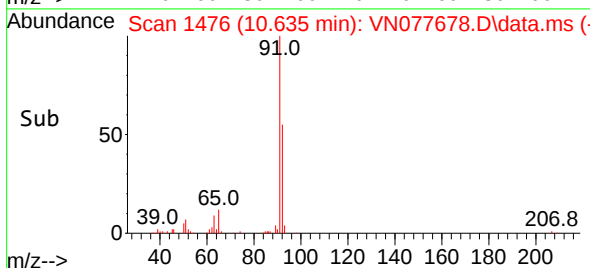
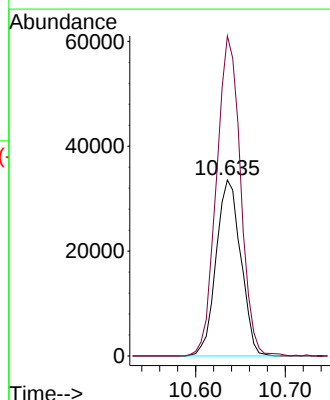
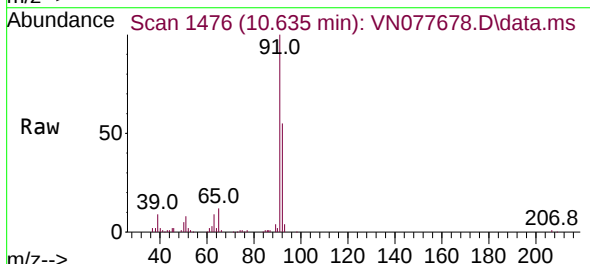
Manual Integrations
APPROVED

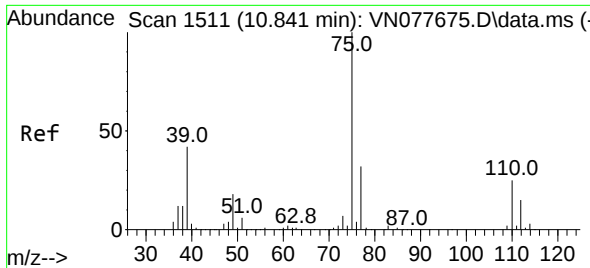
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#52
Toluene
Concen: 5.003 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

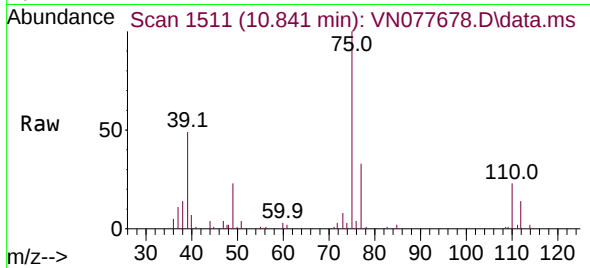
Tgt Ion: 92 Resp: 64065
Ion Ratio Lower Upper
92 100
91 177.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 4.731 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

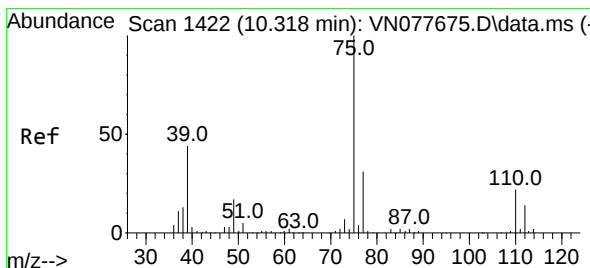
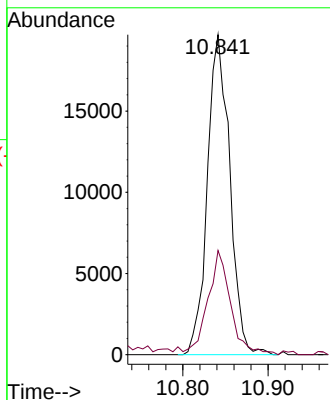
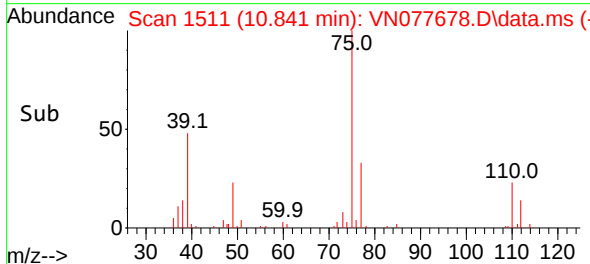
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3601
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0

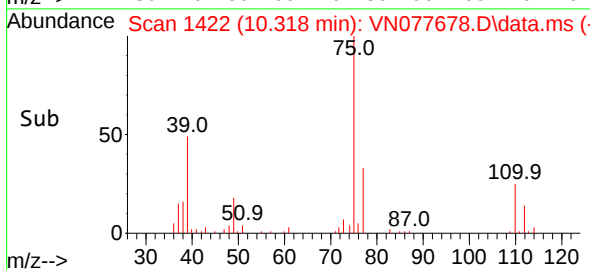
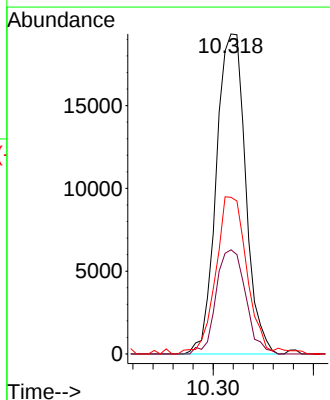
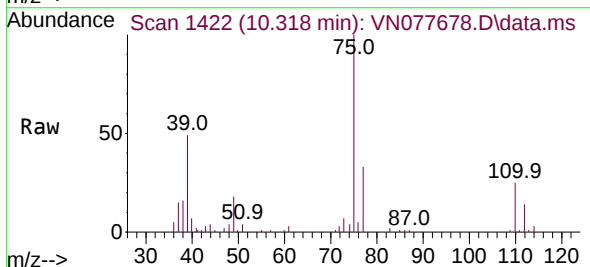
Manual Integrations
APPROVED

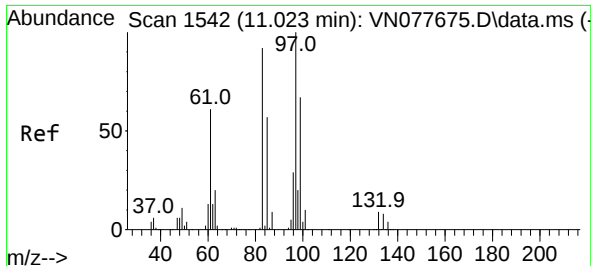
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#54
cis-1,3-Dichloropropene
Concen: 4.652 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

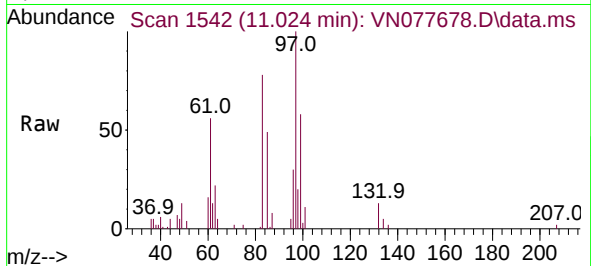
Tgt Ion: 75 Resp: 39018
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 48.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 5.134 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

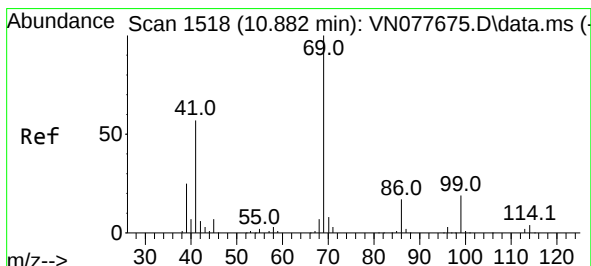
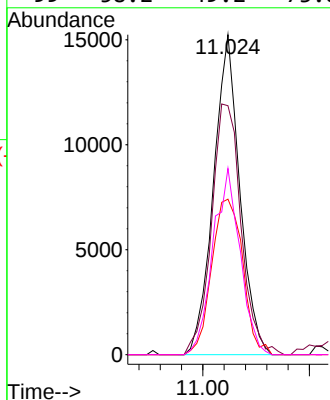
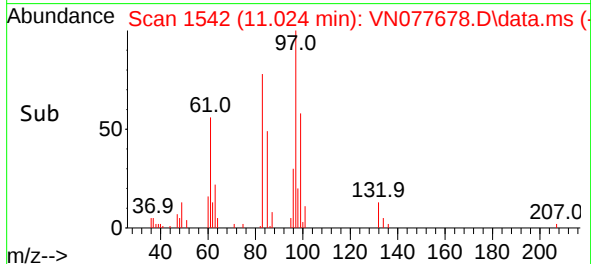
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



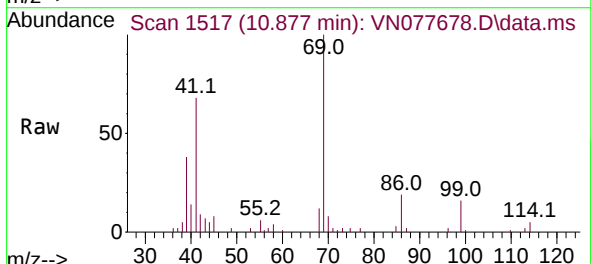
Tgt Ion:	97	Resp:	2610
Ion Ratio	100	Lower	Upper
97	100		
83	77.8	65.1	97.7
85	48.6	43.4	65.2
99	58.2	49.2	73.8

Manual Integrations
APPROVED

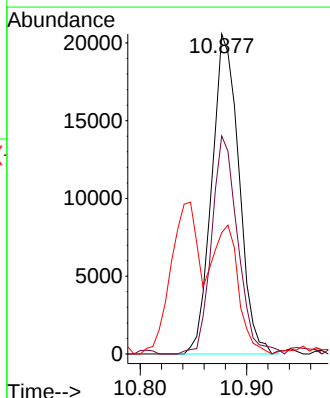
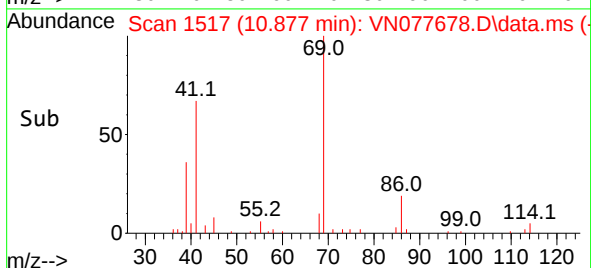
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

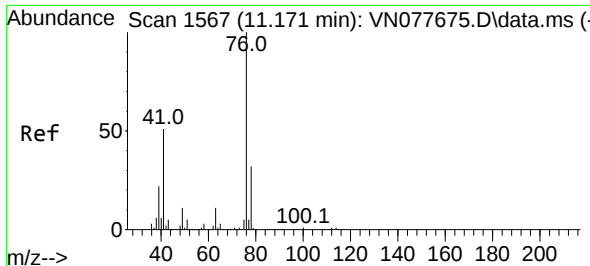


#56
Ethyl methacrylate
Concen: 4.735 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49



Tgt Ion:	69	Resp:	36404
Ion Ratio	100	Lower	Upper
69	100		
41	65.4	39.6	59.4#
39	39.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 4.979 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 43404

Ion Ratio Lower Upper

76 100

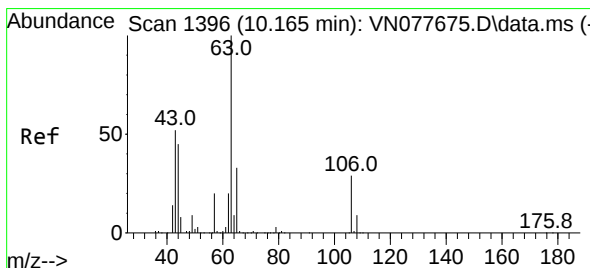
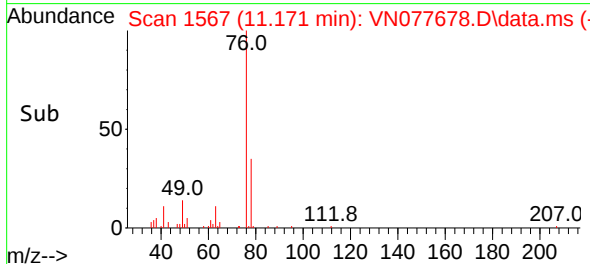
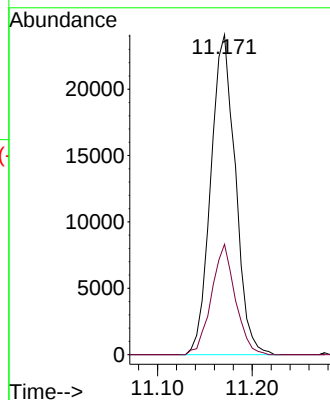
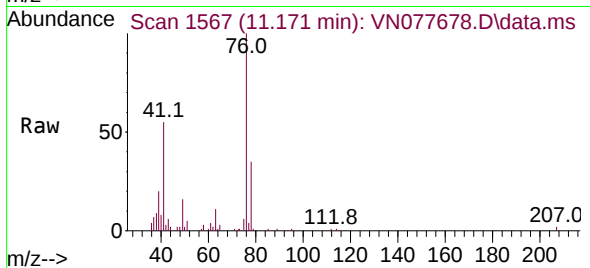
78 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.322 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077678.D

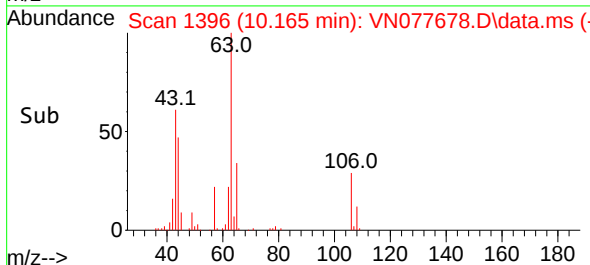
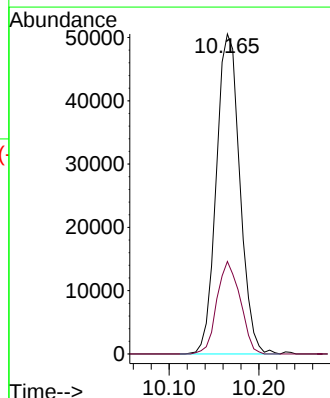
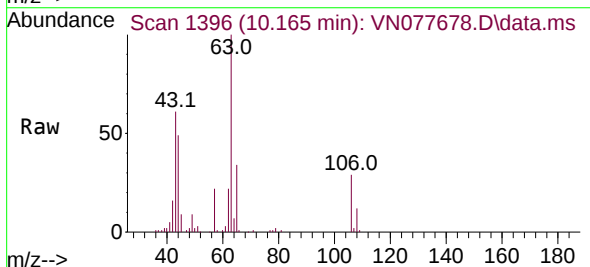
Acq: 15 May 2023 18:49

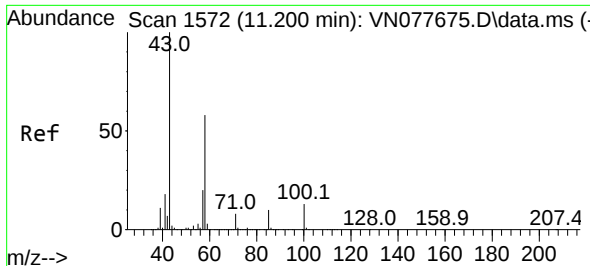
Tgt Ion: 63 Resp: 91992

Ion Ratio Lower Upper

63 100

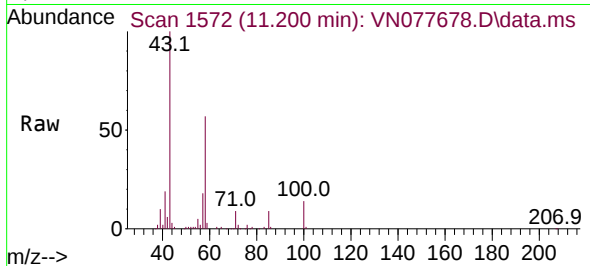
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 25.165 ug/l
RT: 11.200 min Scan# 11228
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

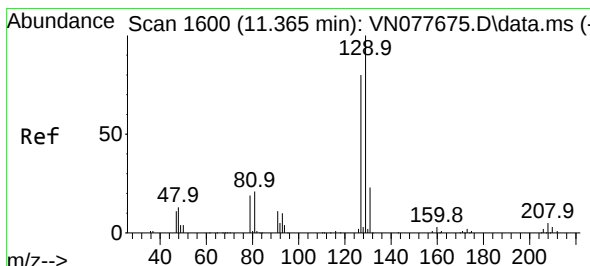
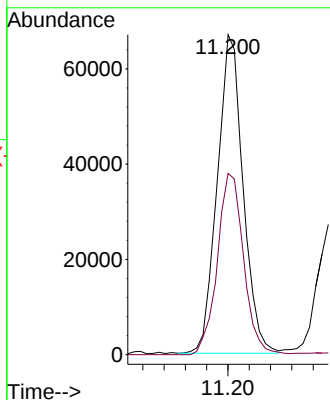
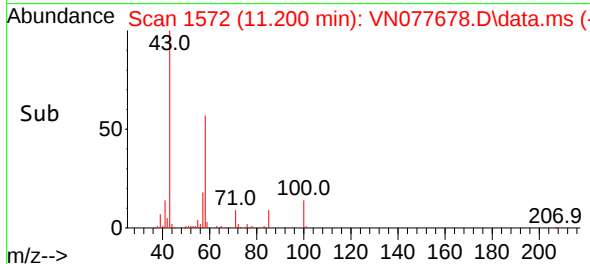
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 11228
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1

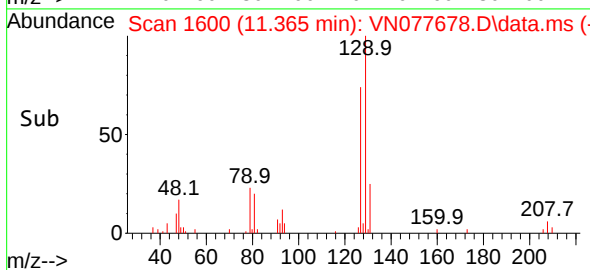
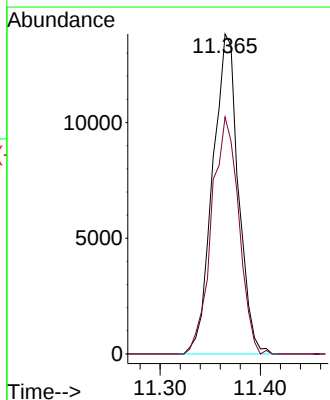
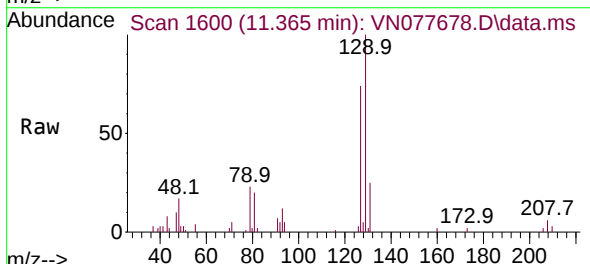
Manual Integrations
APPROVED

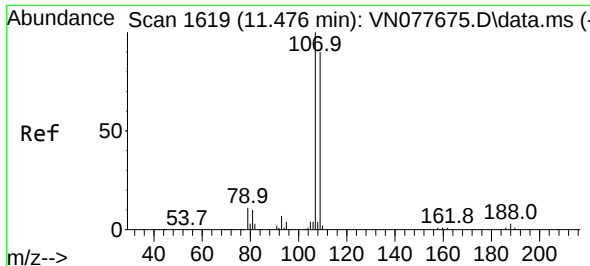
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#60
Dibromochloromethane
Concen: 4.682 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion:129 Resp: 24577
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





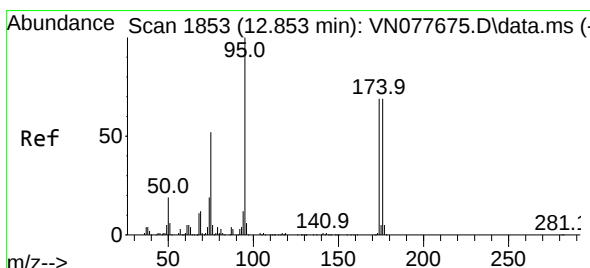
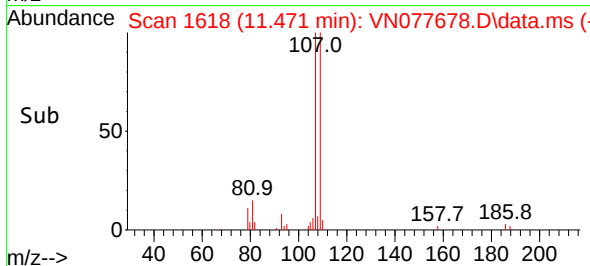
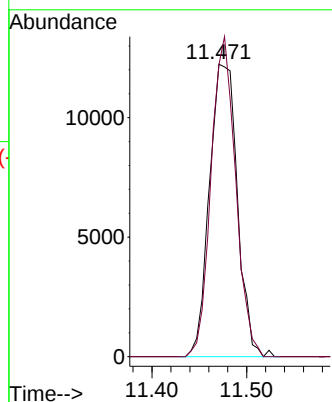
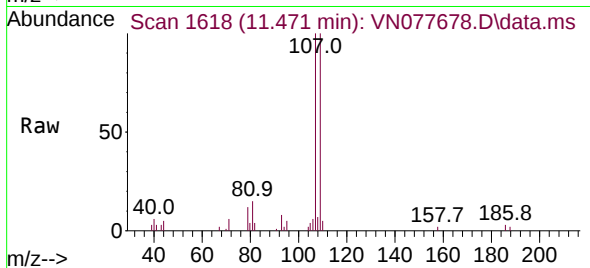
#61
1,2-Dibromoethane
Concen: 4.933 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 25024
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8

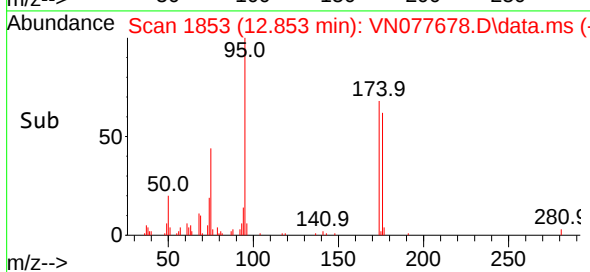
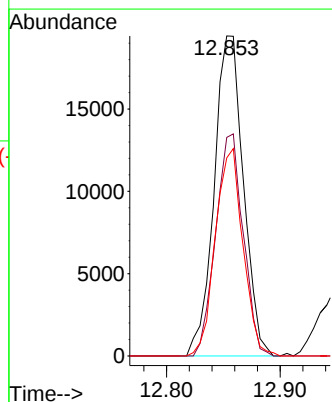
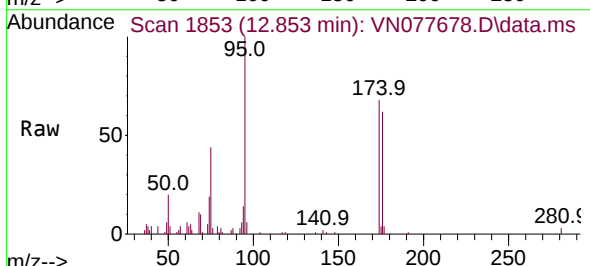
Manual Integrations
APPROVED

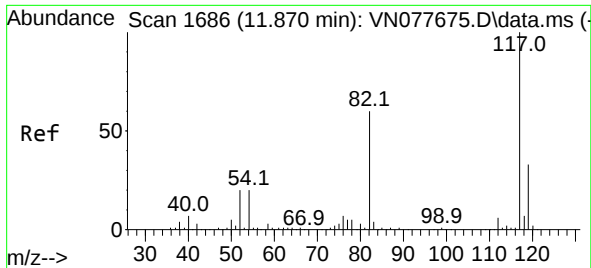
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#62
4-Bromofluorobenzene
Concen: 5.373 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

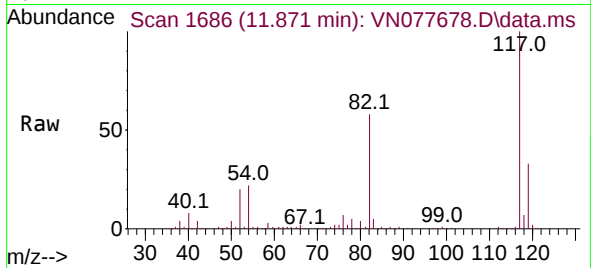
Tgt Ion: 95 Resp: 34807
Ion Ratio Lower Upper
95 100
174 65.2 0.0 143.8
176 61.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

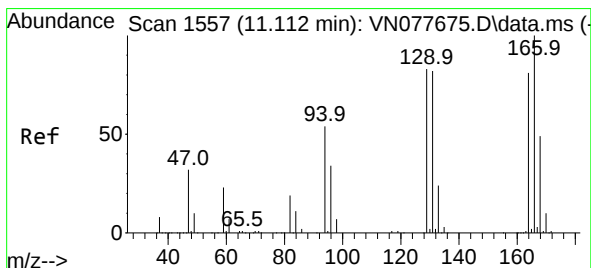
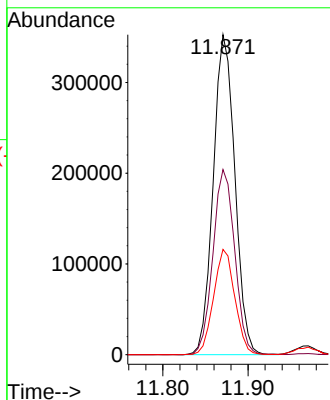
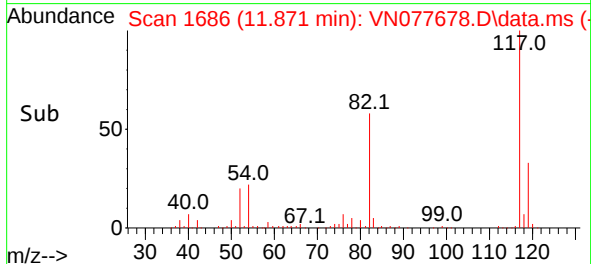
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



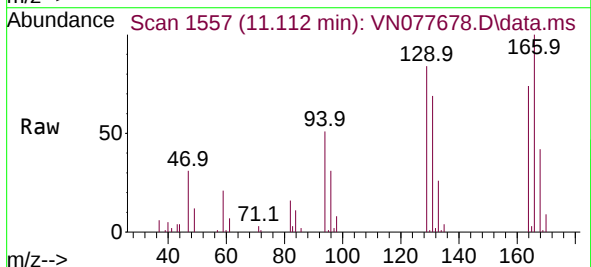
Tgt Ion:117 Resp: 623158
Ion Ratio Lower Upper
117 100
82 57.8 44.0 66.0
119 32.9 25.6 38.4

Manual Integrations
APPROVED

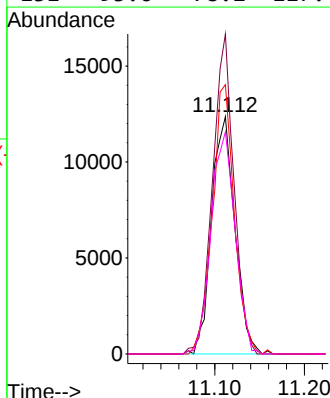
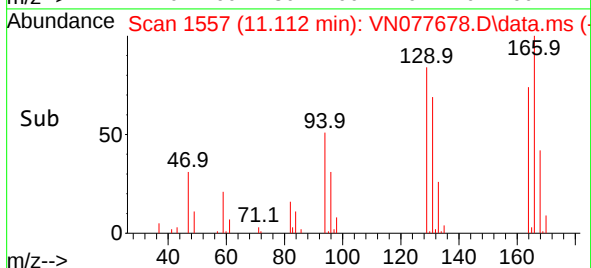
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

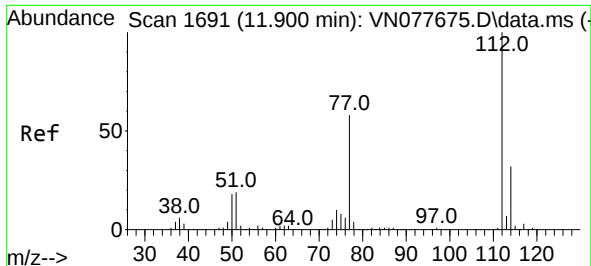


#64
Tetrachloroethene
Concen: 5.158 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49



Tgt Ion:164 Resp: 22480
Ion Ratio Lower Upper
164 100
166 134.9 101.4 152.0
129 113.5 82.4 123.6
131 93.6 78.2 117.4





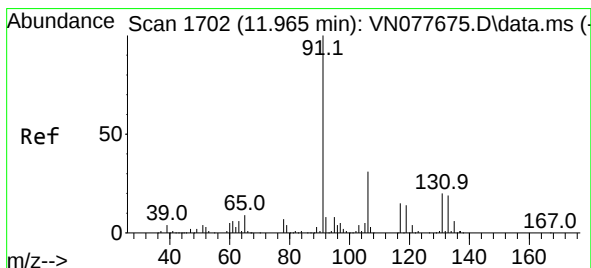
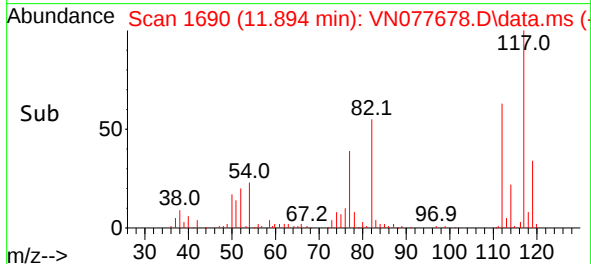
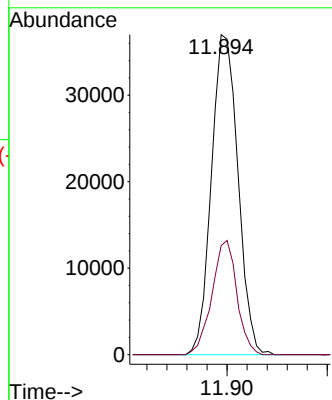
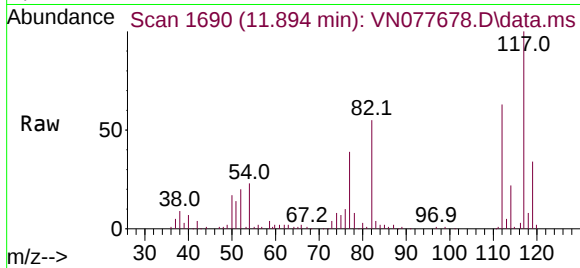
#65
Chlorobenzene
Concen: 5.030 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 67949
Ion Ratio Lower Upper
112 100
114 34.1 25.0 37.4

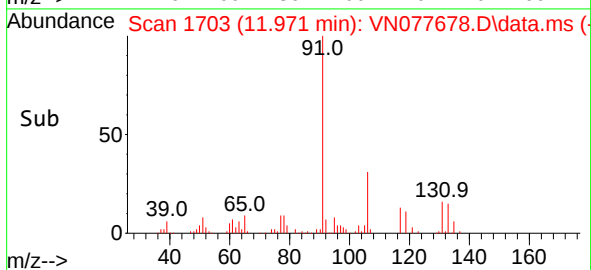
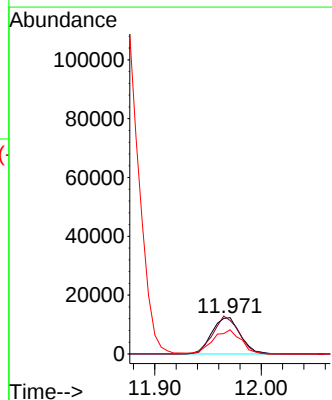
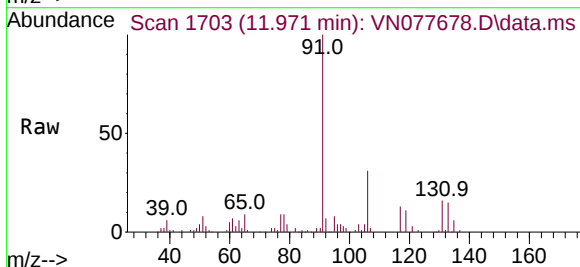
Manual Integrations
APPROVED

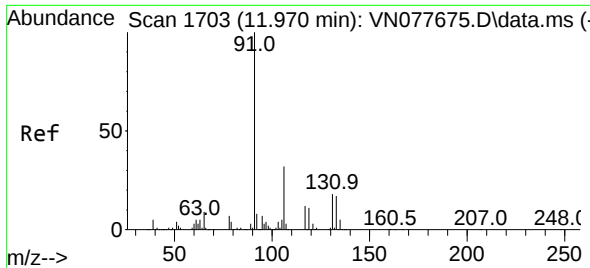
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.898 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

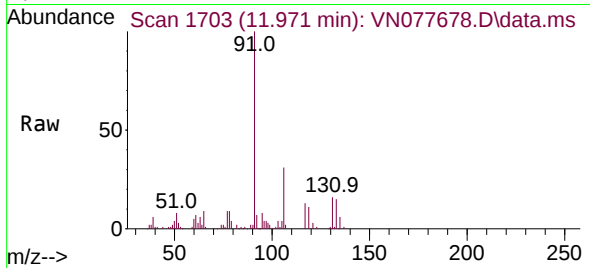
Tgt Ion:131 Resp: 22893
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 65.2 34.1 102.2





#67
Ethyl Benzene
Concen: 5.245 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

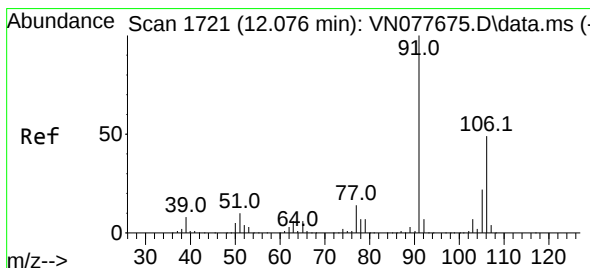
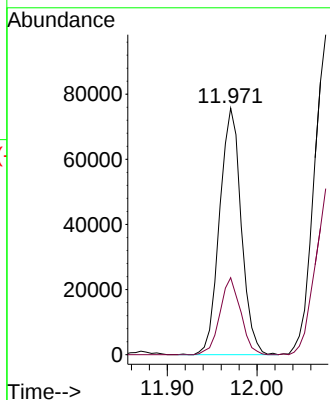
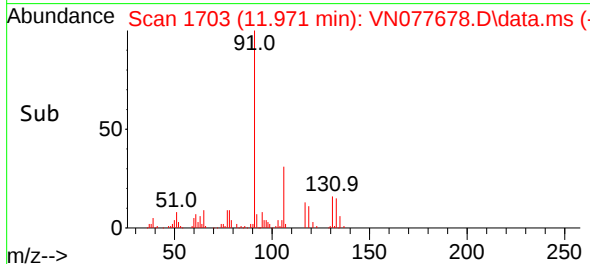
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



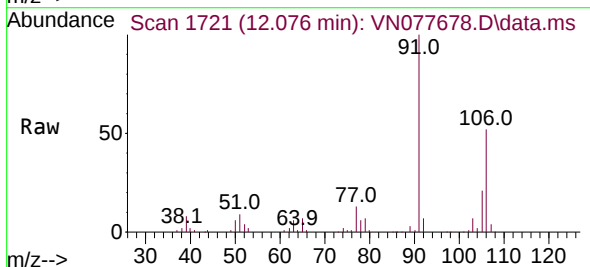
Tgt Ion: 91 Resp: 126960
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4

Manual Integrations
APPROVED

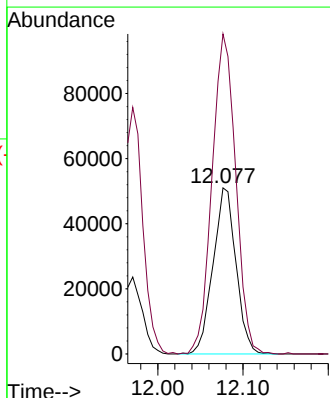
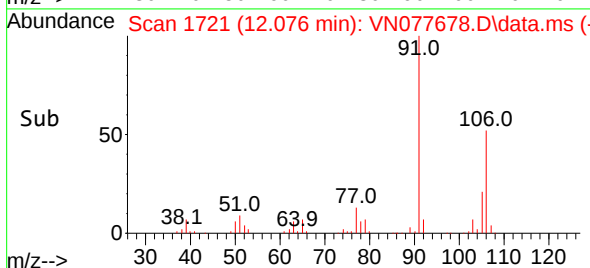
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

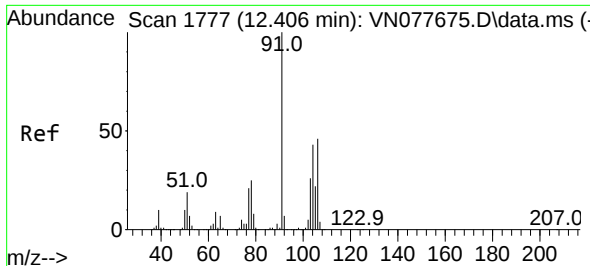


#68
m/p-Xylenes
Concen: 10.419 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49



Tgt Ion:106 Resp: 95572
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4





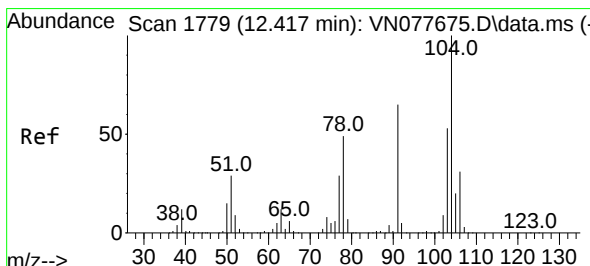
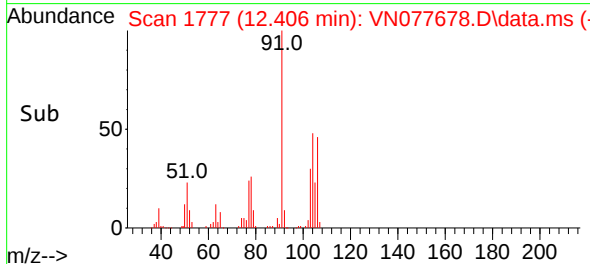
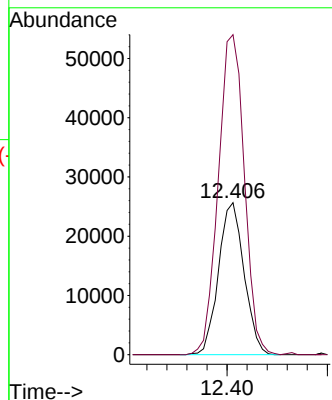
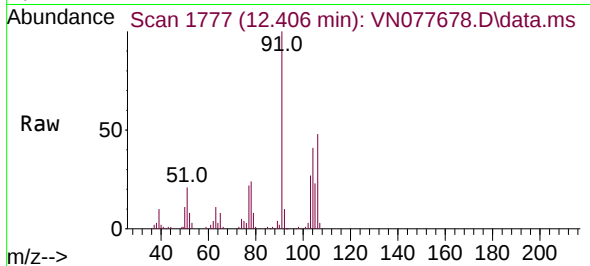
#69
o-Xylene
Concen: 5.032 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 45394
Ion Ratio Lower Upper
106 100
91 214.4 105.2 315.5

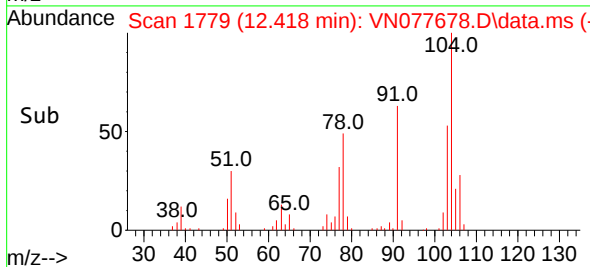
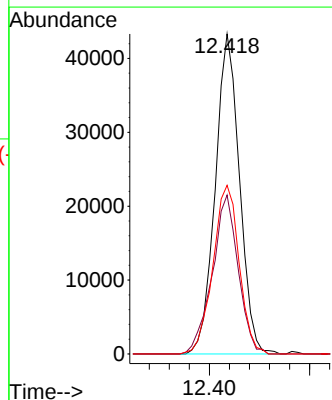
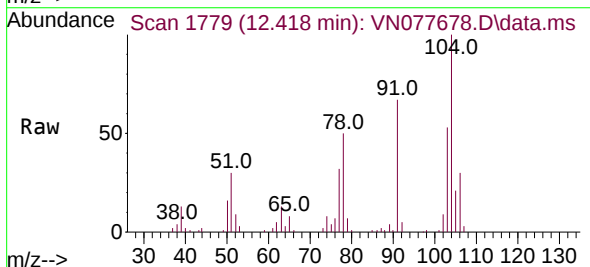
Manual Integrations
APPROVED

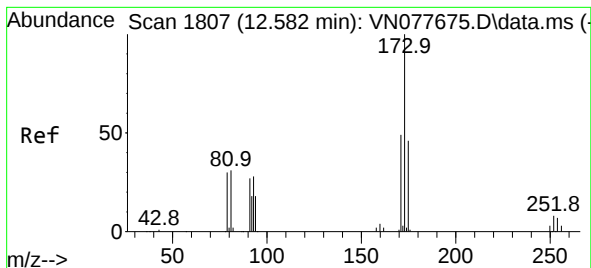
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#70
Styrene
Concen: 5.067 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion:104 Resp: 72608
Ion Ratio Lower Upper
104 100
78 53.2 39.5 59.3
103 57.1 43.2 64.8





#71

Bromoform

Concen: 4.692 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

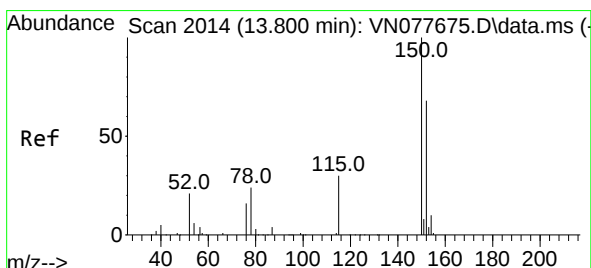
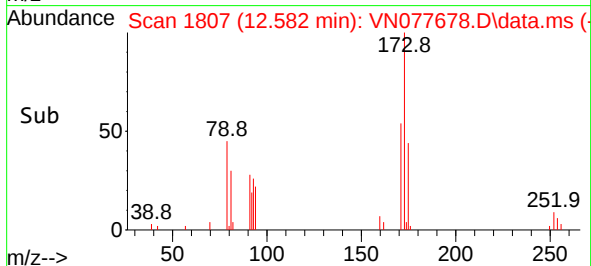
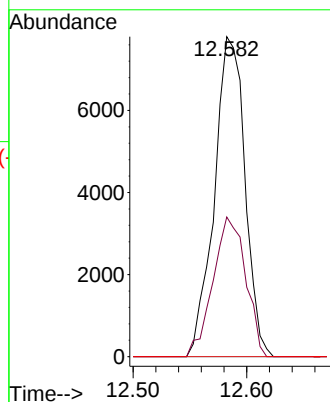
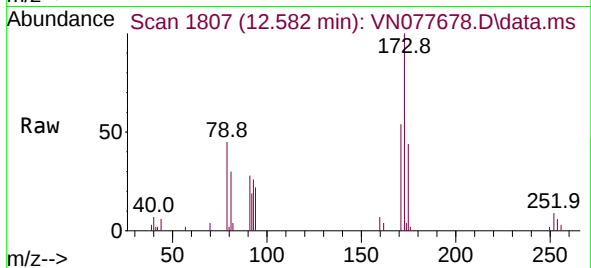
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.3	73.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

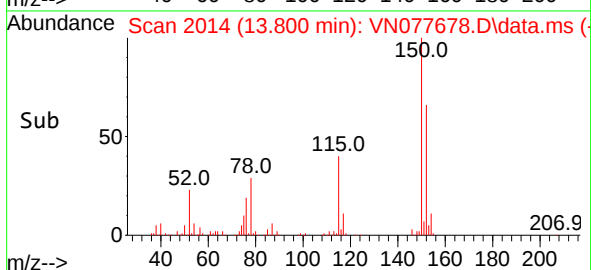
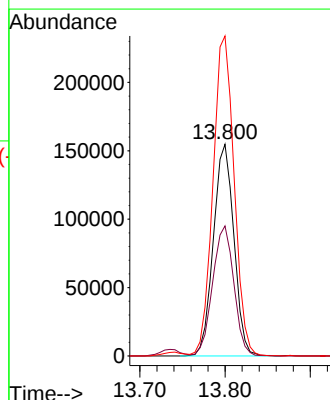
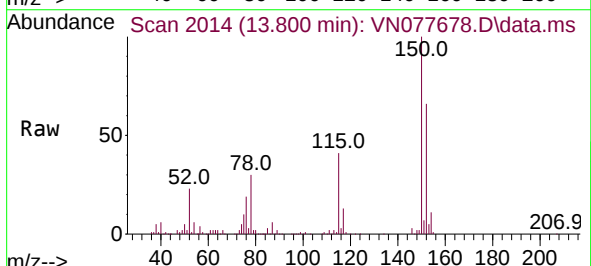
RT: 13.800 min Scan# 2014

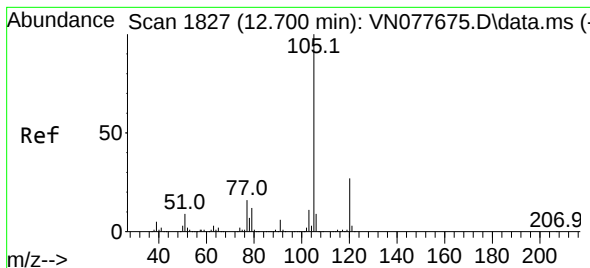
Delta R.T. -0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.3	96.8
150	155.4	0.0	355.8





#73

Isopropylbenzene

Concen: 5.119 ug/l

RT: 12.706 min Scan# 114230

Delta R.T. 0.006 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 114230

Ion Ratio Lower Upper

105 100

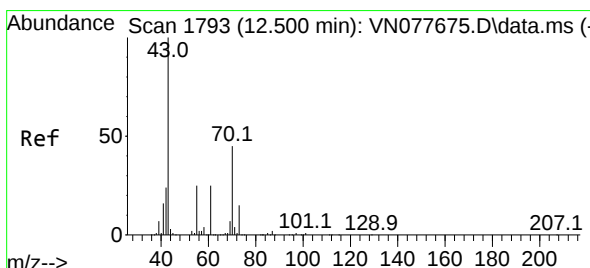
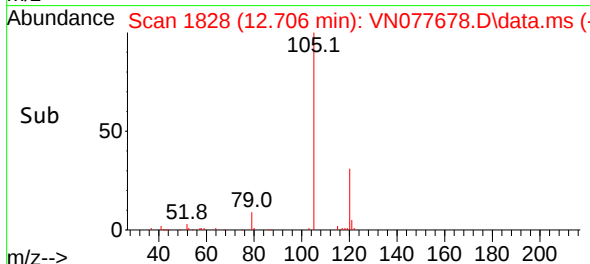
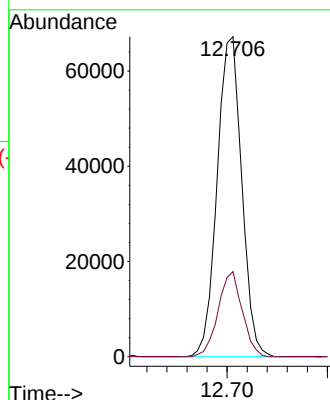
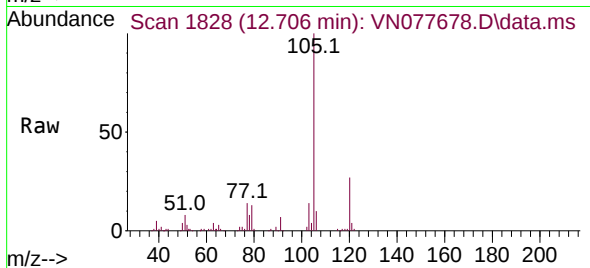
120 26.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#74

N-ethyl acetate

Concen: 5.003 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN077678.D

Acq: 15 May 2023 18:49

Tgt Ion: 43 Resp: 41270

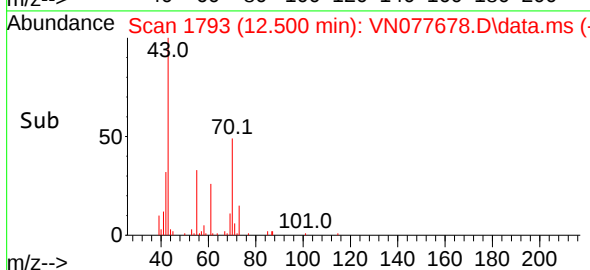
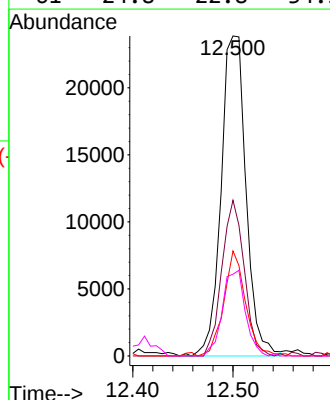
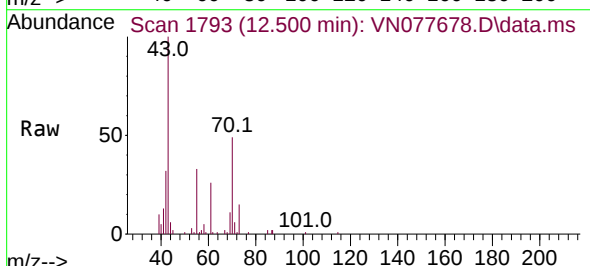
Ion Ratio Lower Upper

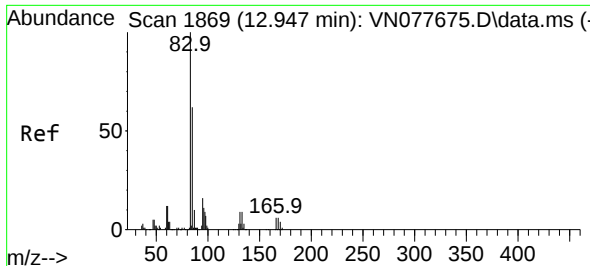
43 100

70 43.5 43.4 65.2

55 28.8 21.4 32.0

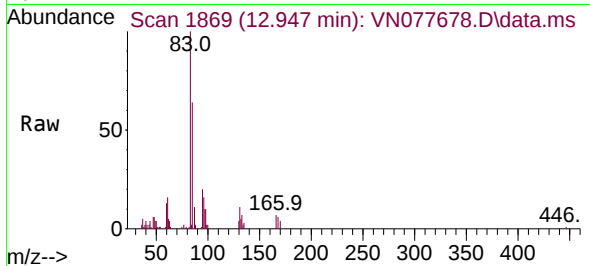
61 24.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.203 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

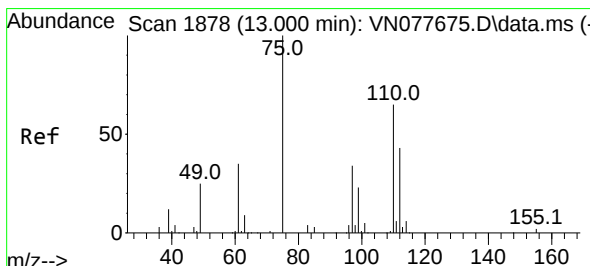
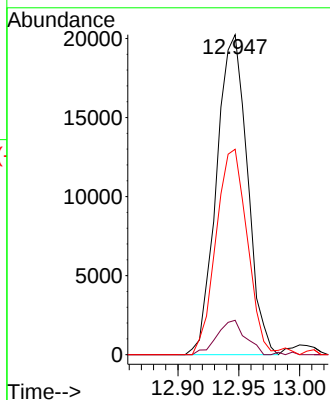
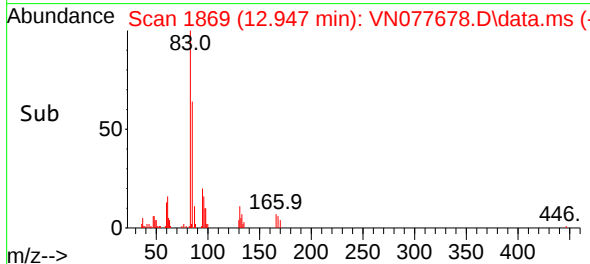
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 35719
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 65.6 31.9 95.7

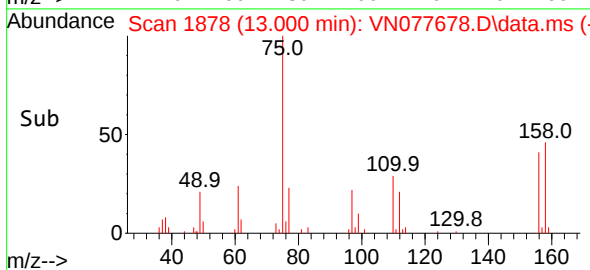
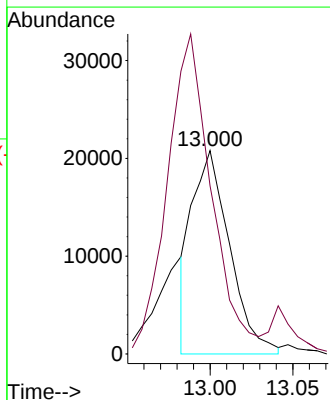
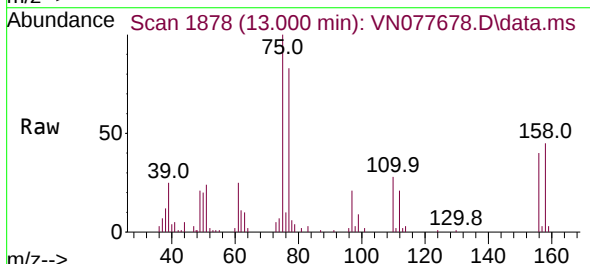
Manual Integrations
APPROVED

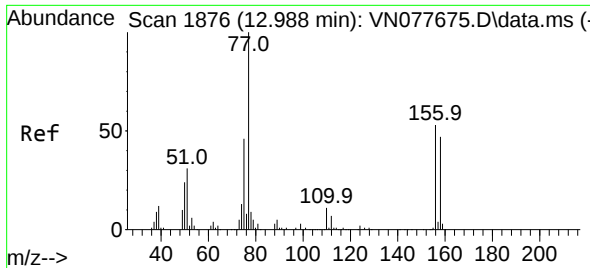
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#76
1,2,3-Trichloropropane
Concen: 5.271 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion: 75 Resp: 32955
Ion Ratio Lower Upper
75 100
77 185.2 84.5 253.5





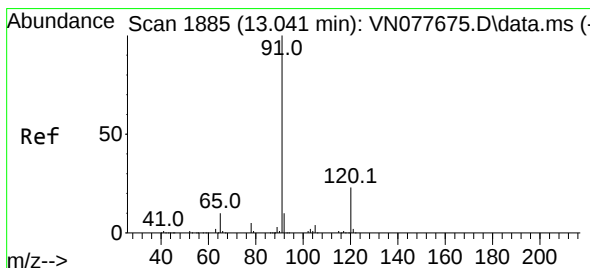
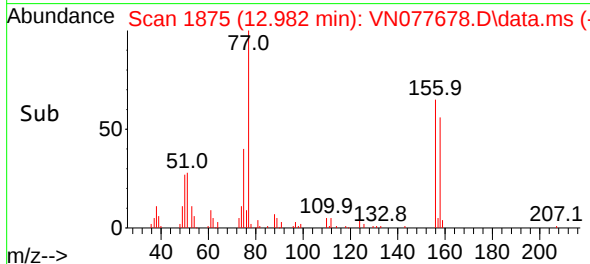
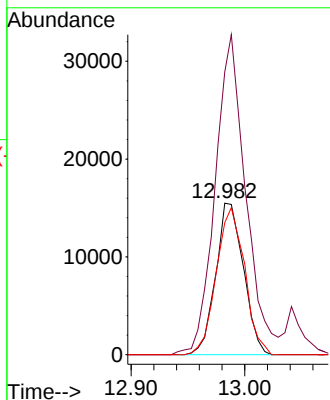
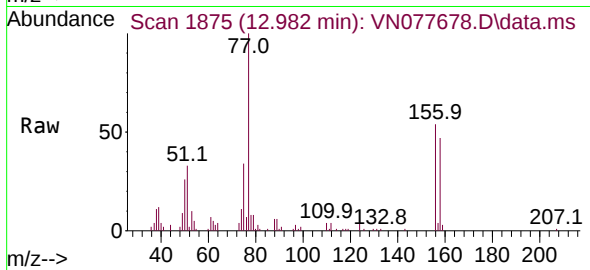
#77
Bromobenzene
Concen: 5.154 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 26240
Ion Ratio Lower Upper
156 100
77 232.5 107.7 323.3
158 99.2 48.4 145.3

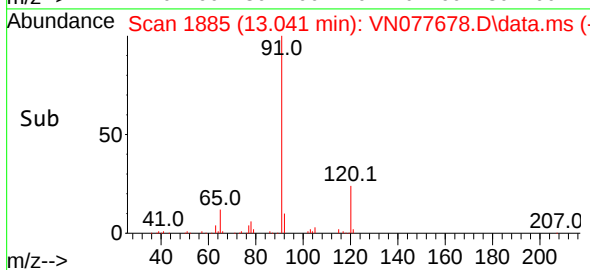
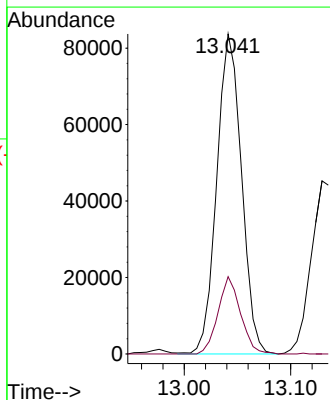
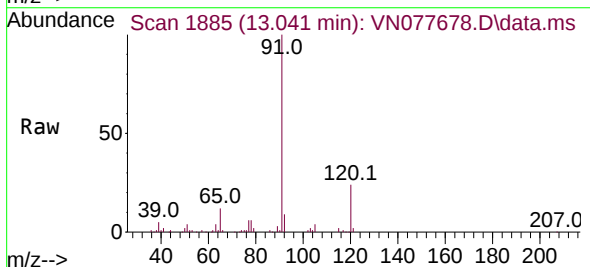
Manual Integrations
APPROVED

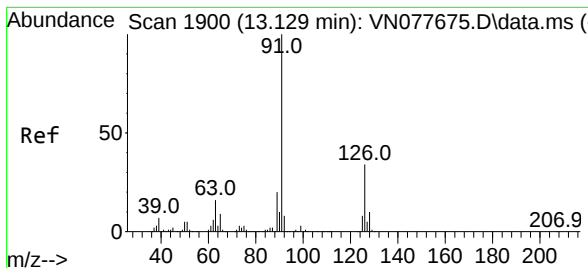
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#78
n-propylbenzene
Concen: 5.119 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion: 91 Resp: 134675
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4





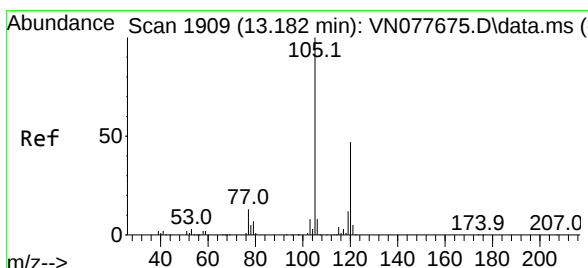
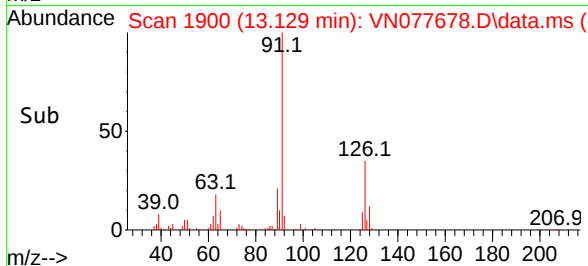
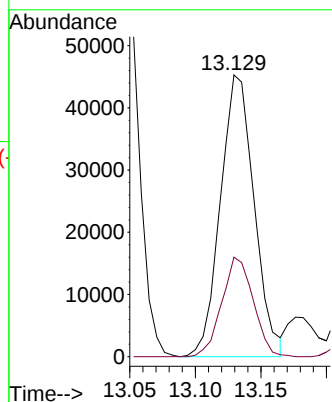
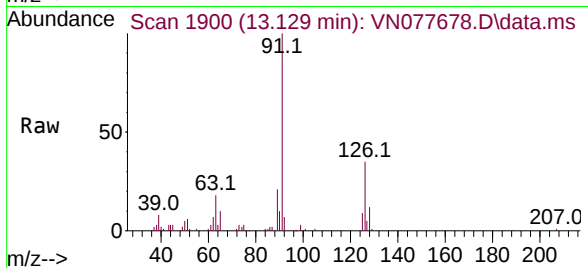
#79
2-Chlorotoluene
Concen: 5.161 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 81030
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

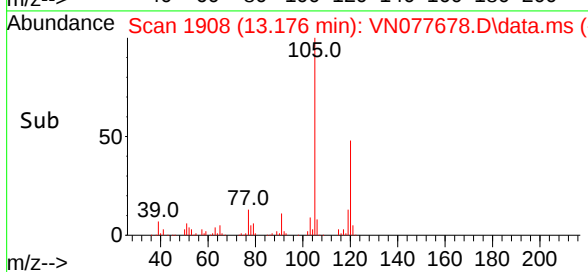
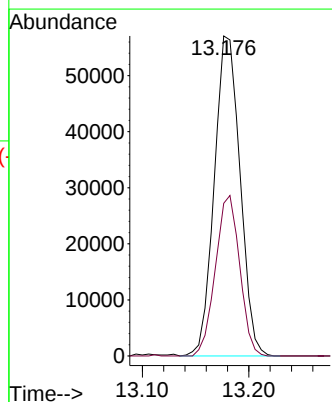
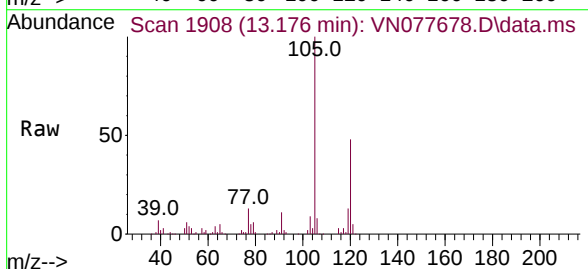
Manual Integrations
APPROVED

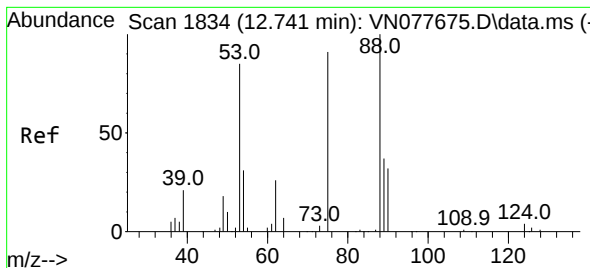
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.113 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion:105 Resp: 95889
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





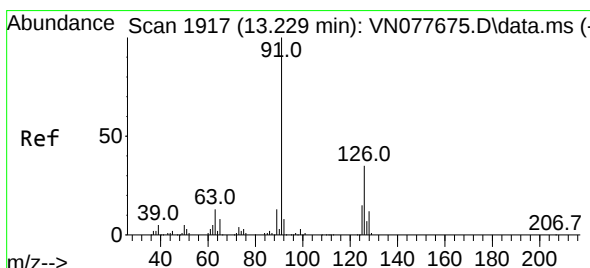
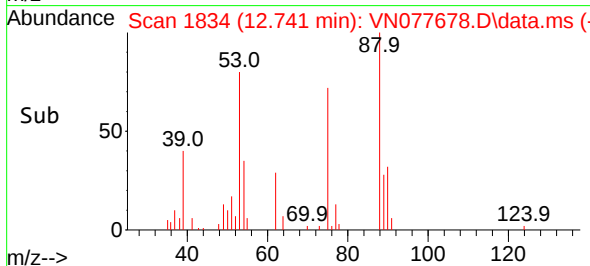
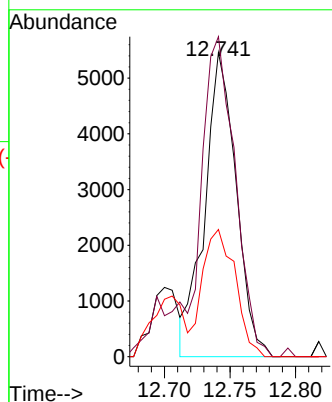
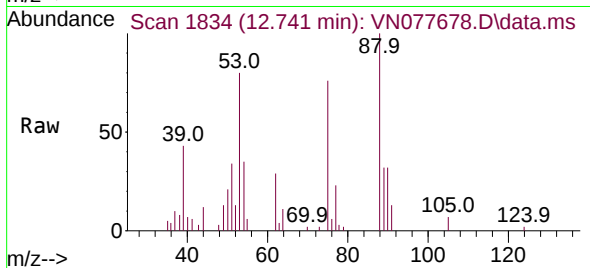
#81
trans-1,4-Dichloro-2-butene
Concen: 4.494 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 911
Ion Ratio Lower Upper
75 100
53 114.7 67.4 101.2
89 43.7 38.8 58.2

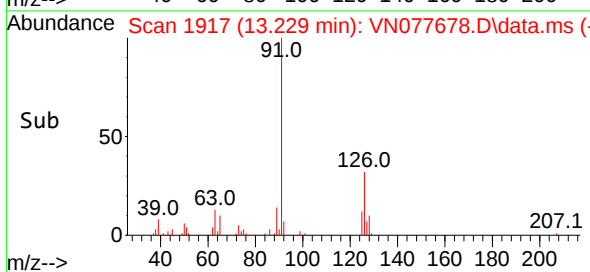
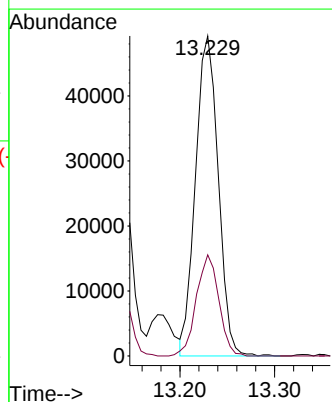
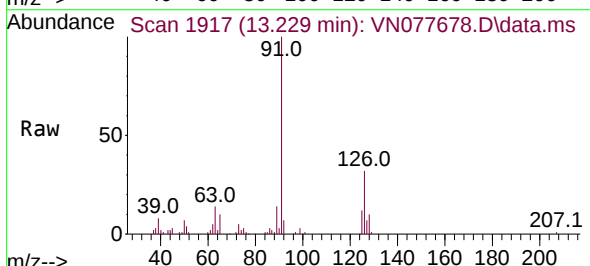
Manual Integrations
APPROVED

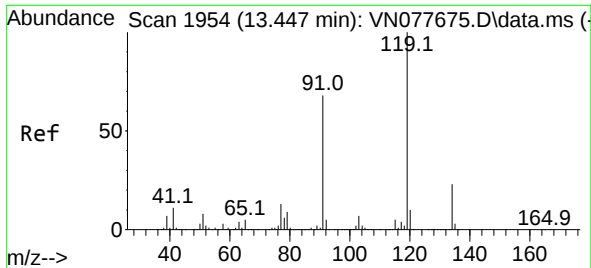
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#82
4-Chlorotoluene
Concen: 5.261 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion: 91 Resp: 82171
Ion Ratio Lower Upper
91 100
126 31.2 16.7 50.0





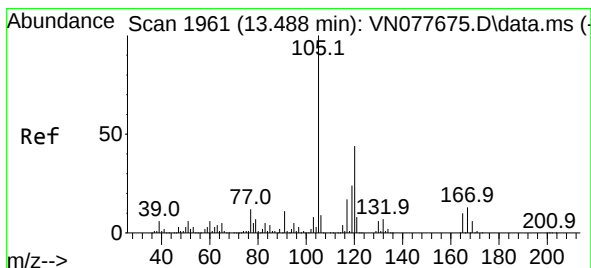
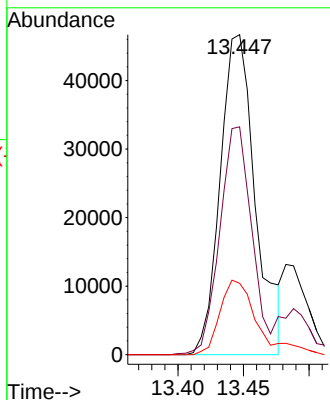
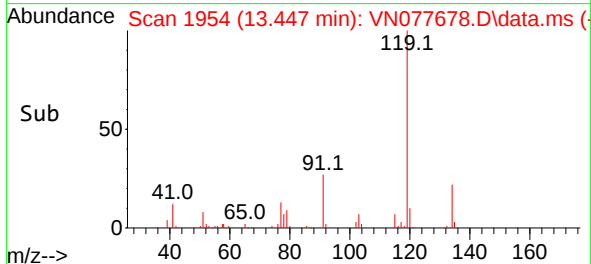
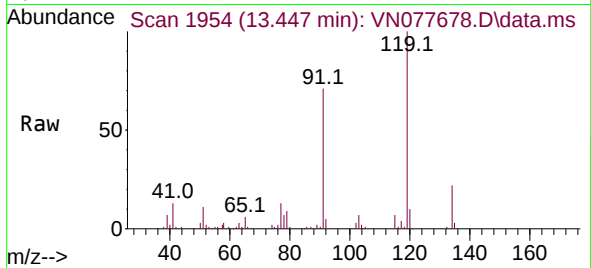
#83
tert-Butylbenzene
Concen: 5.336 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 87369
Ion Ratio Lower Upper
119 100
91 64.4 33.9 101.7
134 24.6 13.2 39.6

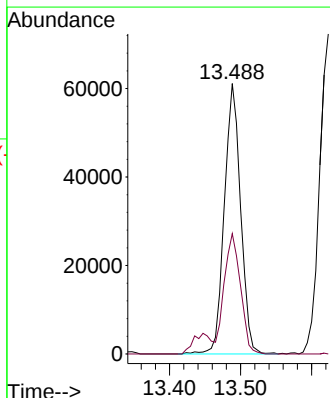
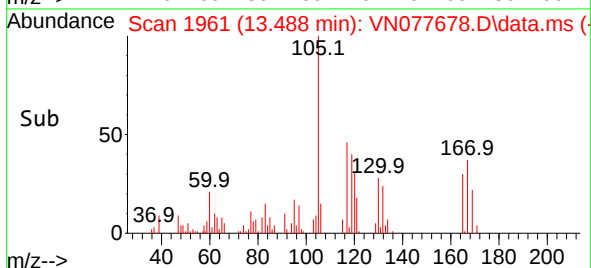
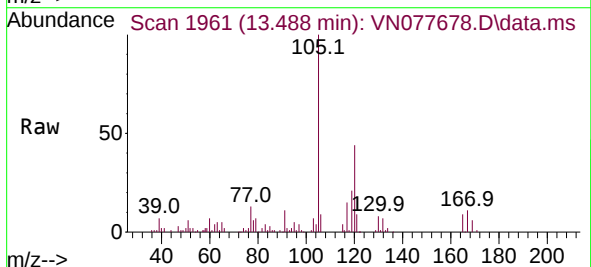
Manual Integrations
APPROVED

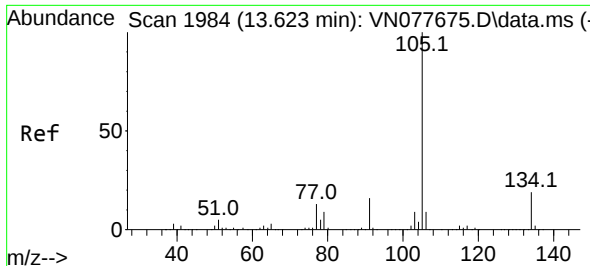
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 5.270 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion:105 Resp: 97203
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





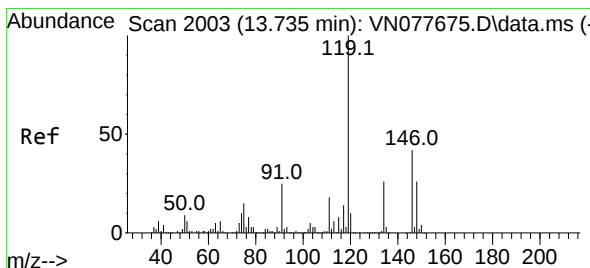
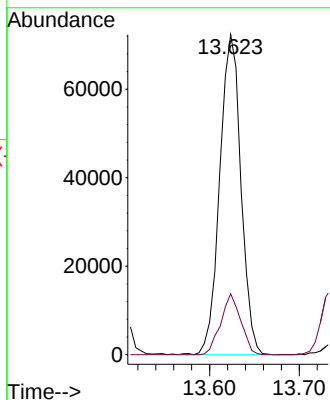
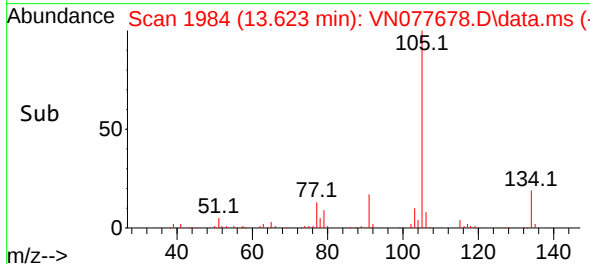
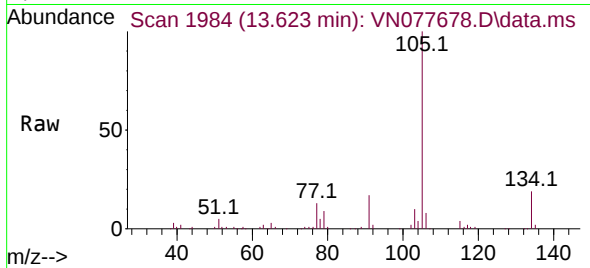
#85
 sec-Butylbenzene
 Concen: 5.101 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077678.D
 Acq: 15 May 2023 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 11870
 Ion Ratio Lower Upper
 105 100
 134 17.9 9.8 29.3

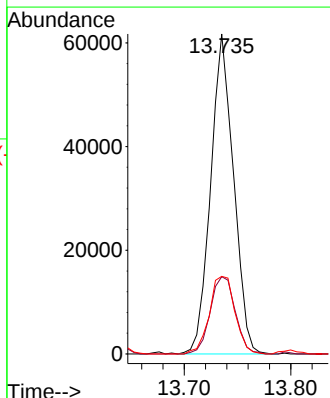
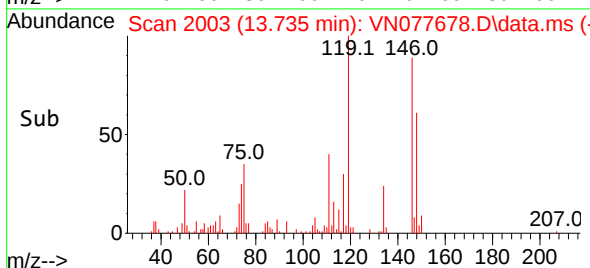
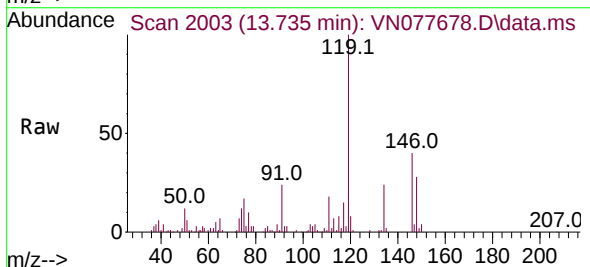
Manual Integrations
 APPROVED

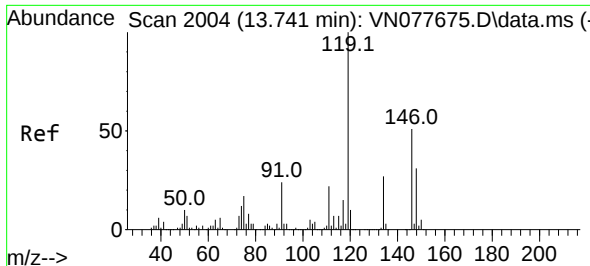
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#86
 p-Isopropyltoluene
 Concen: 4.966 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077678.D
 Acq: 15 May 2023 18:49

Tgt Ion:119 Resp: 92133
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 27.1 12.4 37.2





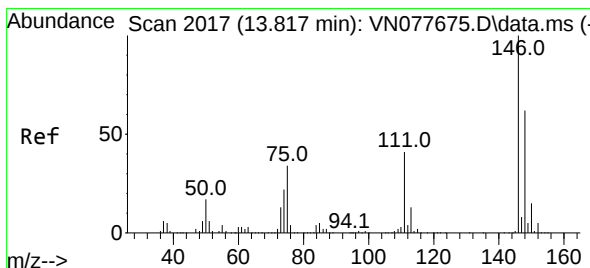
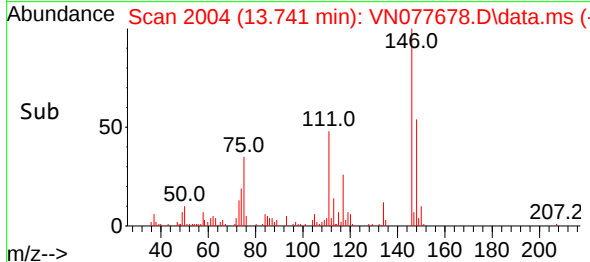
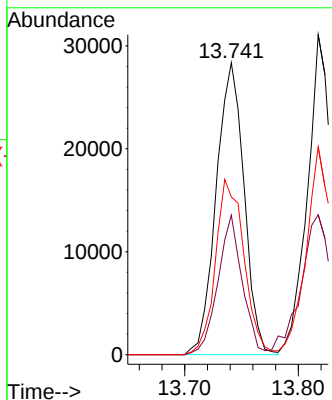
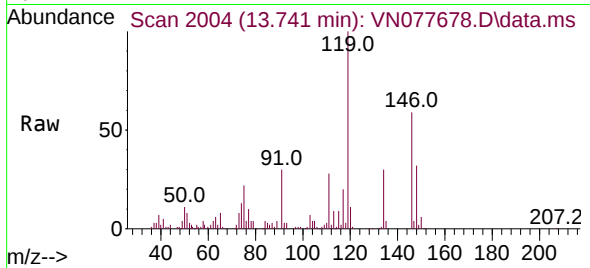
#87
 1,3-Dichlorobenzene
 Concen: 5.146 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.000 min
 Lab File: VN077678.D
 Acq: 15 May 2023 18:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 4846
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.1 66.3
 148 61.5 32.0 96.0

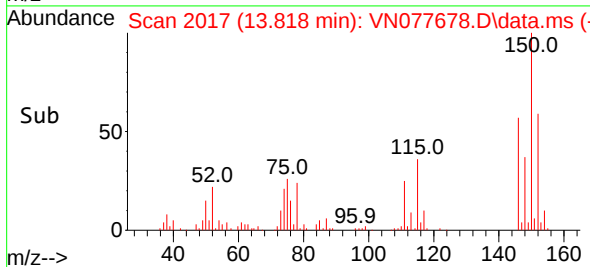
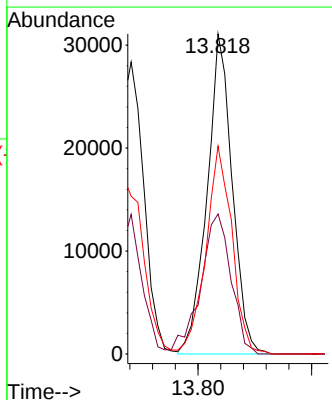
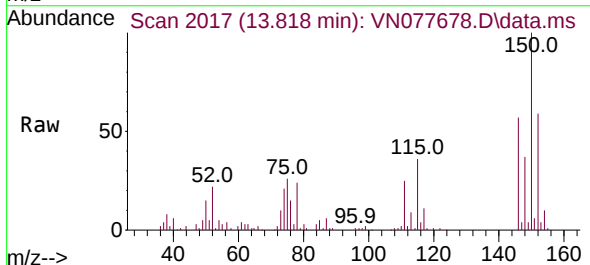
Manual Integrations
 APPROVED

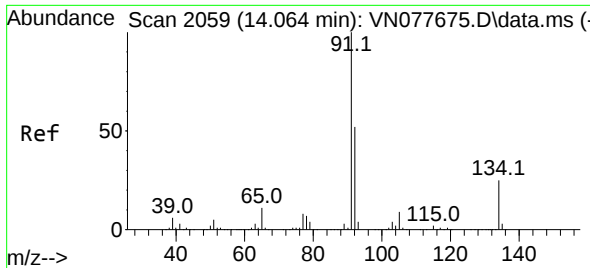
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#88
 1,4-Dichlorobenzene
 Concen: 5.130 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.001 min
 Lab File: VN077678.D
 Acq: 15 May 2023 18:49

Tgt Ion:146 Resp: 47940
 Ion Ratio Lower Upper
 146 100
 111 53.0 20.6 61.8
 148 67.0 31.6 94.8





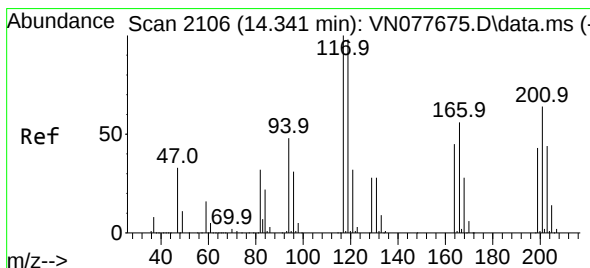
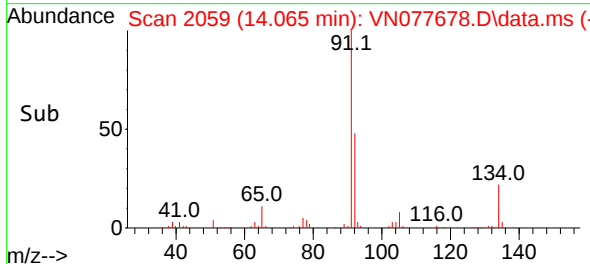
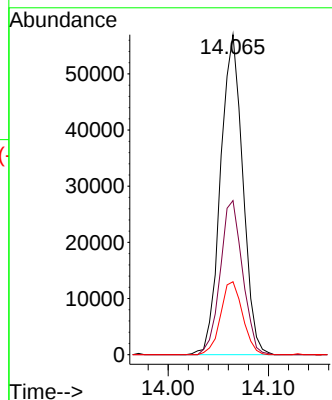
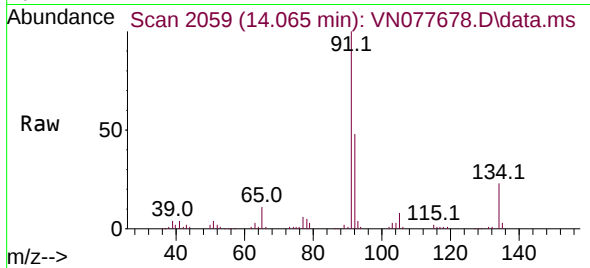
#89
n-Butylbenzene
Concen: 5.127 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 87490
Ion Ratio Lower Upper
91 100
92 48.4 26.4 79.0
134 22.7 12.6 37.6

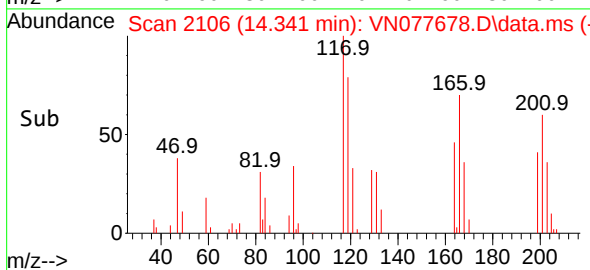
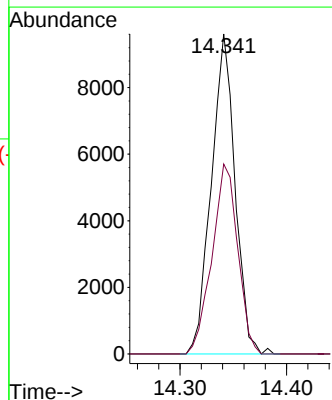
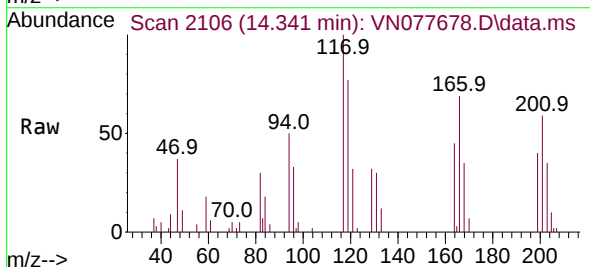
Manual Integrations
APPROVED

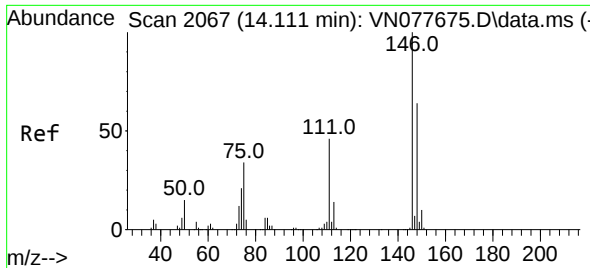
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#90
Hexachloroethane
Concen: 4.873 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Tgt Ion:117 Resp: 14851
Ion Ratio Lower Upper
117 100
201 64.3 29.3 88.0





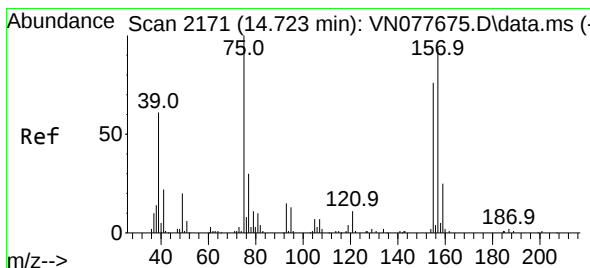
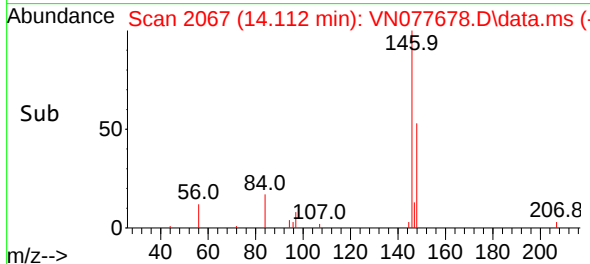
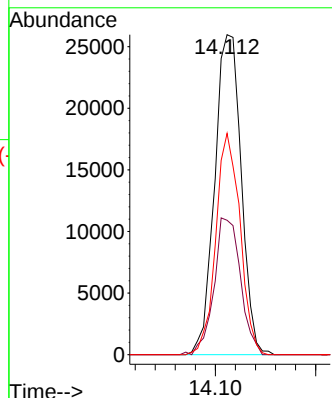
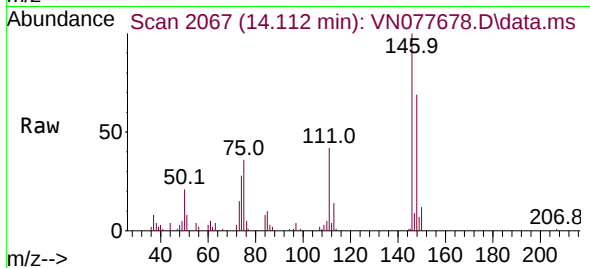
#91
1,2-Dichlorobenzene
Concen: 5.425 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 47728
Ion Ratio Lower Upper
146 100
111 42.6 22.0 66.0
148 63.2 31.8 95.3

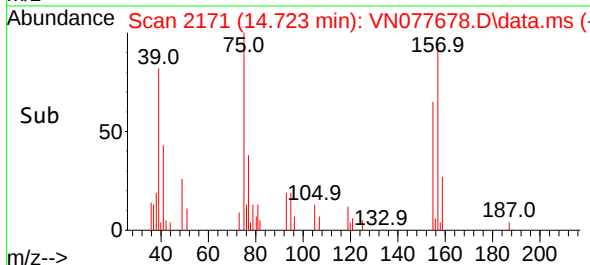
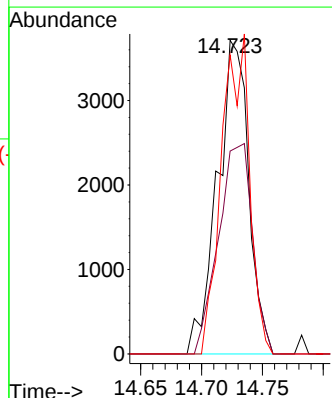
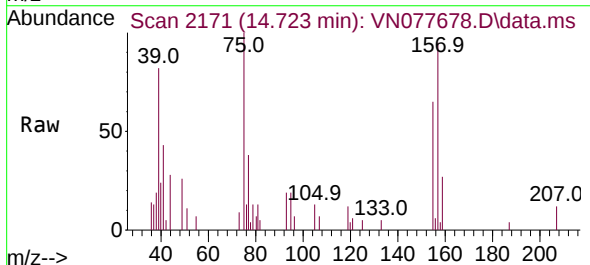
Manual Integrations
APPROVED

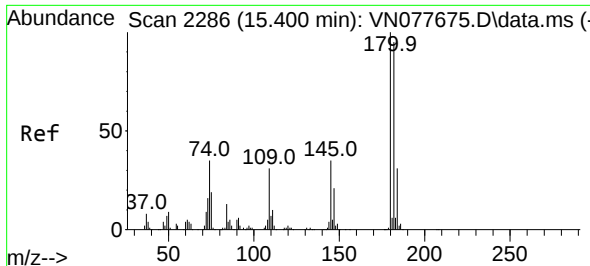
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.990 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

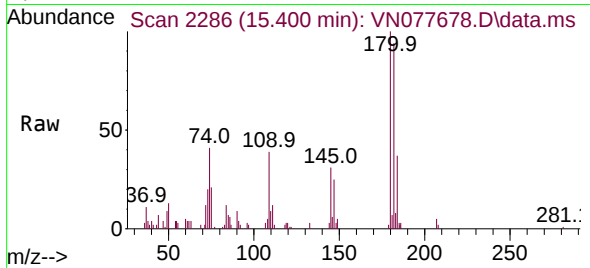
Tgt Ion: 75 Resp: 6633
Ion Ratio Lower Upper
75 100
155 73.0 39.1 117.2
157 90.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 4.899 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

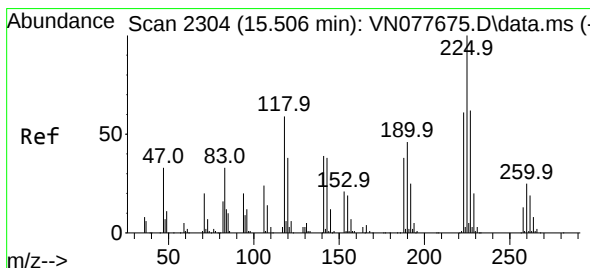
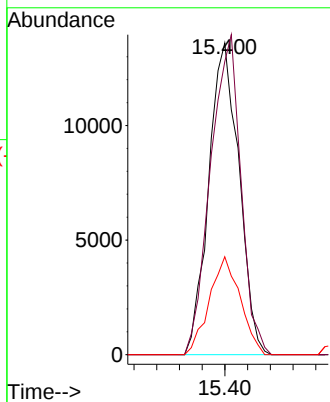
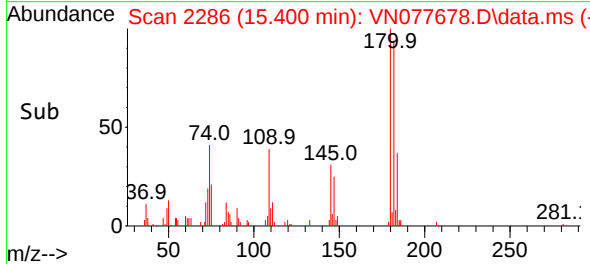
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



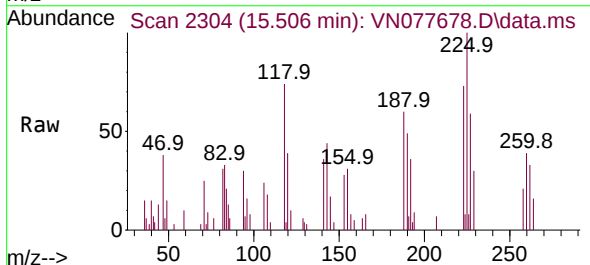
Tgt Ion:180 Resp: 25190
Ion Ratio Lower Upper
180 100
182 102.6 46.1 138.2
145 32.1 16.6 49.8

Manual Integrations
APPROVED

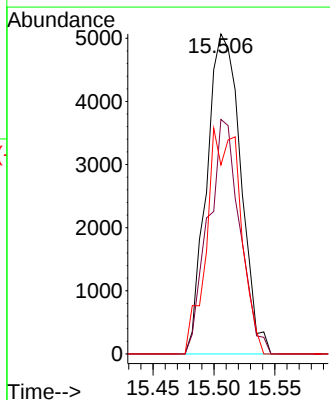
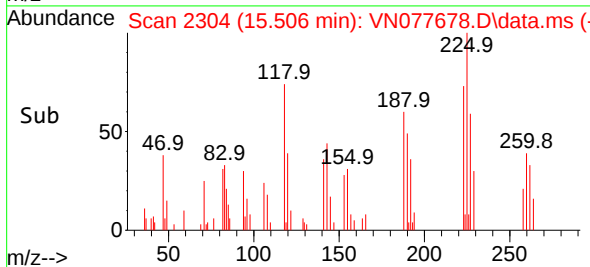
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

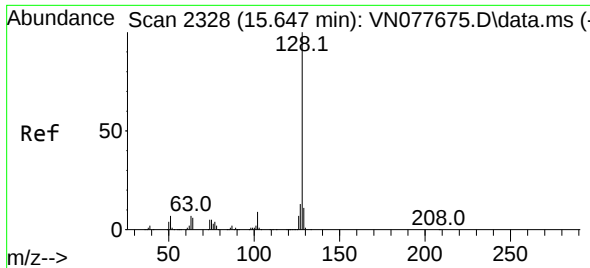


#94
Hexachlorobutadiene
Concen: 4.623 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49



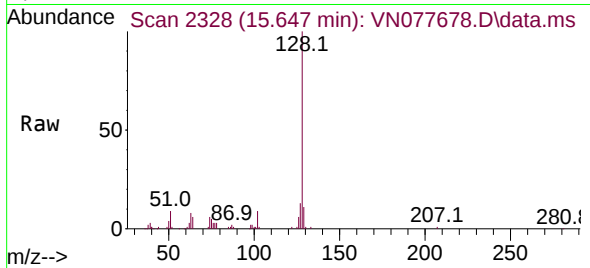
Tgt Ion:225 Resp: 9868
Ion Ratio Lower Upper
225 100
223 68.3 31.3 93.8
227 70.2 31.9 95.9





#95
Naphthalene
Concen: 5.468 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49

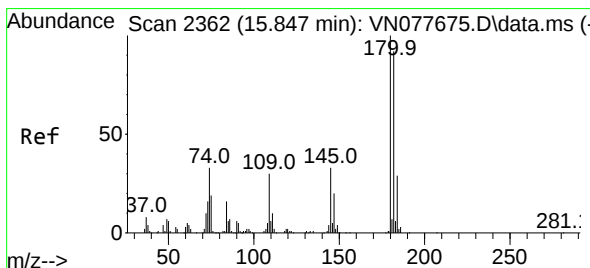
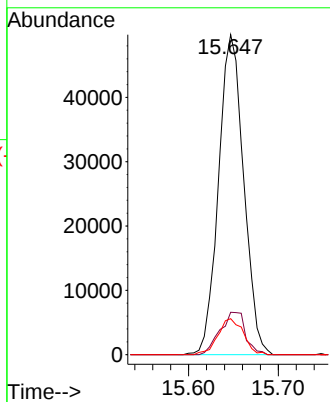
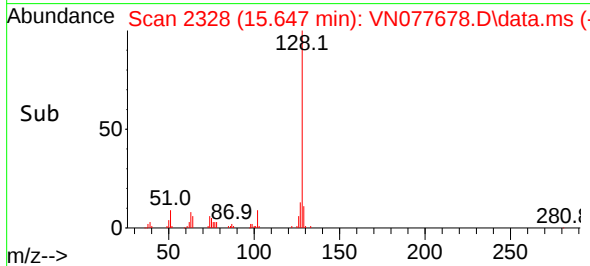
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



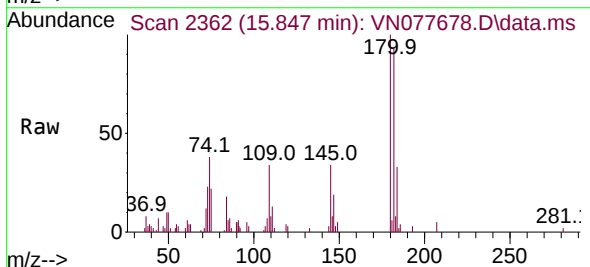
Tgt Ion:128 Resp: 96772
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 5.179 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077678.D
Acq: 15 May 2023 18:49



Tgt Ion:180 Resp: 26072
Ion Ratio Lower Upper
180 100
182 96.7 46.2 138.6
145 36.7 17.5 52.6

