

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076917.D
 Acq On : 10 Mar 2023 11:46
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 10 12:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 11:43:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	396973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	670750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	581100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	252192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	31451	5.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.300%#		
35) Dibromofluoromethane	8.166	113	24472	5.832	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.660%#		
50) Toluene-d8	10.566	98	84050	5.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.400%#		
62) 4-Bromofluorobenzene	12.854	95	30229	5.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	31898	6.905	ug/l	98
3) Chloromethane	2.378	50	19328	3.181	ug/l	100
4) Vinyl Chloride	2.531	62	18825	3.380	ug/l	100
5) Bromomethane	2.954	94	15181	4.149	ug/l	94
6) Chloroethane	3.131	64	11947m	3.151	ug/l	
7) Trichlorofluoromethane	3.507	101	46548	5.729	ug/l	97
8) Diethyl Ether	3.972	74	15504	4.960	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.396	101	23926	5.036	ug/l	95
10) Methyl Iodide	4.601	142	21379	4.315	ug/l #	84
11) Tert butyl alcohol	5.537	59	21522	26.041	ug/l	97
12) 1,1-Dichloroethene	4.360	96	21862	4.935	ug/l	94
13) Acrolein	4.190	56	22472	21.018	ug/l	96
14) Allyl chloride	5.043	41	33440	4.521	ug/l #	81
15) Acrylonitrile	5.731	53	59380	22.341	ug/l	99
16) Acetone	4.449	43	52372	21.557	ug/l	99
17) Carbon Disulfide	4.725	76	58719	4.882	ug/l	97
18) Methyl Acetate	5.037	43	37385	4.491	ug/l	91
19) Methyl tert-butyl Ether	5.813	73	76161	5.014	ug/l	95
20) Methylene Chloride	5.290	84	27245	4.807	ug/l #	82
21) trans-1,2-Dichloroethene	5.801	96	24236	5.060	ug/l	87
22) Diisopropyl ether	6.684	45	69630	4.185	ug/l	90
23) Vinyl Acetate	6.619	43	208128	19.637	ug/l	95
24) 1,1-Dichloroethane	6.578	63	45160	4.759	ug/l	96
25) 2-Butanone	7.495	43	73920	20.829	ug/l #	82
26) 2,2-Dichloropropane	7.501	77	38793	5.583	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	26655	4.750	ug/l	88
28) Bromochloromethane	7.825	49	17856	4.450	ug/l	93
29) Tetrahydrofuran	7.848	42	45596	19.916	ug/l	86
30) Chloroform	7.972	83	49960	5.301	ug/l	92
31) Cyclohexane	8.260	56	46856	4.984	ug/l	84
32) 1,1,1-Trichloroethane	8.172	97	44806	5.490	ug/l #	87
36) 1,1-Dichloropropene	8.384	75	34790	5.159	ug/l	97
37) Ethyl Acetate	7.572	43	28418m	4.105	ug/l	
38) Carbon Tetrachloride	8.372	117	40534	5.916	ug/l #	94
39) Methylcyclohexane	9.607	83	40224	4.839	ug/l #	82
40) Benzene	8.613	78	101282	4.930	ug/l	99

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 VSTDICC005

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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 03/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	15540	4.111	ug/l	89
42) 1,2-Dichloroethane	8.678	62	39416	5.508	ug/l	96
43) Isopropyl Acetate	8.695	43	47009	4.436	ug/l	94
44) Trichloroethene	9.360	130	25919	5.321	ug/l	89
45) 1,2-Dichloropropane	9.625	63	23904	4.503	ug/l #	84
46) Dibromomethane	9.707	93	16994	5.040	ug/l	95
47) Bromodichloromethane	9.895	83	36073	5.204	ug/l	94
48) Methyl methacrylate	9.683	41	23150	4.496	ug/l	83
49) 1,4-Dioxane	9.701	88	9263	98.141	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	145807	21.813	ug/l	94
52) Toluene	10.630	92	62818	5.135	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	35651	5.306	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	39502	5.118	ug/l #	91
55) 1,1,2-Trichloroethane	11.019	97	24977	5.133	ug/l	92
56) Ethyl methacrylate	10.878	69	35048	4.834	ug/l #	87
57) 1,3-Dichloropropane	11.166	76	43509	5.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	62218	24.767	ug/l	96
59) 2-Hexanone	11.201	43	106035	21.891	ug/l	92
60) Dibromochloromethane	11.366	129	26759	5.581	ug/l	92
61) 1,2-Dibromoethane	11.472	107	23973	5.126	ug/l	97
64) Tetrachloroethene	11.107	164	21805	5.042	ug/l	94
65) Chlorobenzene	11.895	112	65727	5.234	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	25549	5.624	ug/l	96
67) Ethyl Benzene	11.966	91	116738	5.119	ug/l	97
68) m/p-Xylenes	12.072	106	88636	10.332	ug/l	88
69) o-Xylene	12.401	106	42298	5.007	ug/l	78
70) Styrene	12.413	104	68884	5.200	ug/l	94
71) Bromoform	12.583	173	17499	5.659	ug/l #	98
73) Isopropylbenzene	12.695	105	110173	5.012	ug/l	98
74) N-amyl acetate	12.495	43	37228	4.330	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.936	83	35170	4.992	ug/l	98
76) 1,2,3-Trichloropropane	13.001	75	32024m	5.035	ug/l	
77) Bromobenzene	12.989	156	26137	5.373	ug/l	92
78) n-propylbenzene	13.036	91	122884	4.902	ug/l	95
79) 2-Chlorotoluene	13.130	91	81800	5.087	ug/l	94
80) 1,3,5-Trimethylbenzene	13.177	105	95600	5.189	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.736	75	9626m	4.991	ug/l	
82) 4-Chlorotoluene	13.224	91	78691	5.162	ug/l	94
83) tert-Butylbenzene	13.442	119	83641	5.312	ug/l	90
84) 1,2,4-Trimethylbenzene	13.483	105	94621	5.206	ug/l	94
85) sec-Butylbenzene	13.619	105	110971	5.048	ug/l	96
86) p-Isopropyltoluene	13.730	119	86265	4.906	ug/l	93
87) 1,3-Dichlorobenzene	13.736	146	45532	5.126	ug/l	96
88) 1,4-Dichlorobenzene	13.813	146	46190	5.121	ug/l	91
89) n-Butylbenzene	14.060	91	69842	4.598	ug/l	98
90) Hexachloroethane	14.336	117	17216	5.420	ug/l	91
91) 1,2-Dichlorobenzene	14.107	146	47123	5.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	6826	5.113	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	24112	5.357	ug/l	97
94) Hexachlorobutadiene	15.507	225	13822	5.898	ug/l	97
95) Naphthalene	15.648	128	64401	4.467	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	23533	5.319	ug/l	97

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

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Quant Title : SW846 8260
QLast Update : Fri Mar 10 11:43:29 2023
Response via : Initial Calibration

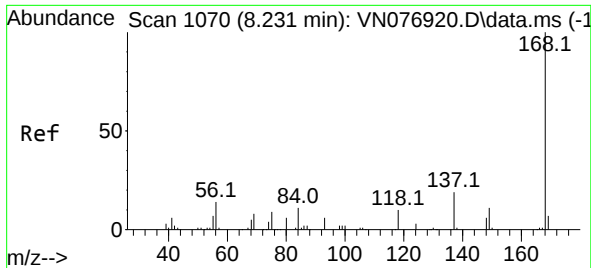
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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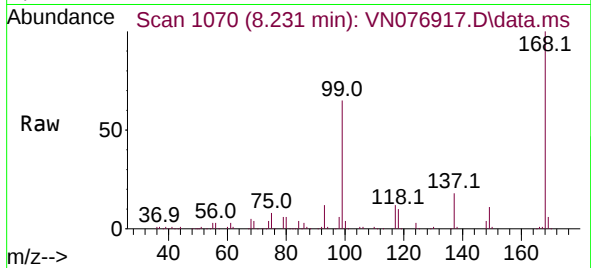
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



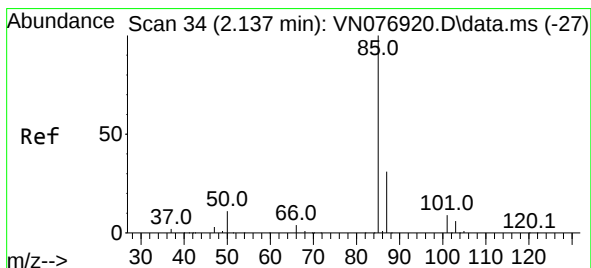
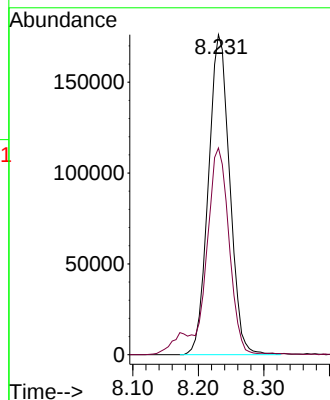
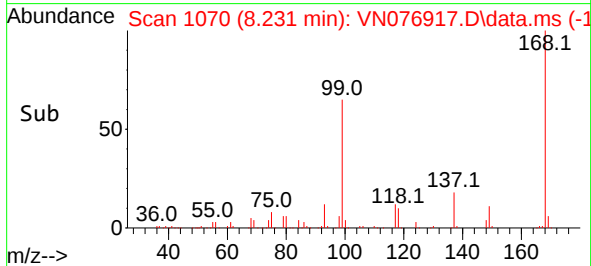
Tgt Ion:168 Resp: 396973
Ion Ratio Lower Upper
168 100
99 64.2 48.6 73.0

Manual Integrations

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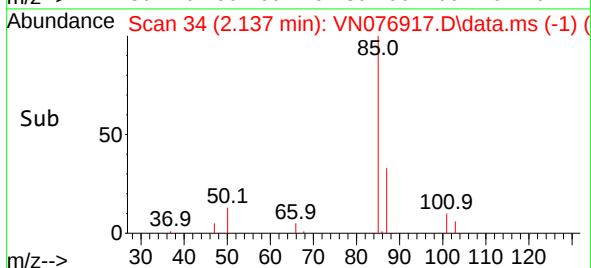
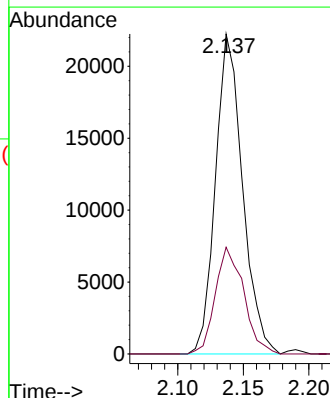
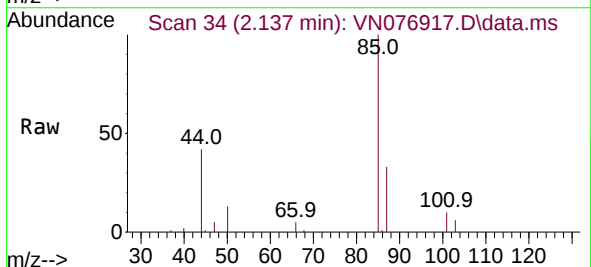
Reviewed By :John Carlone 03/13/2023

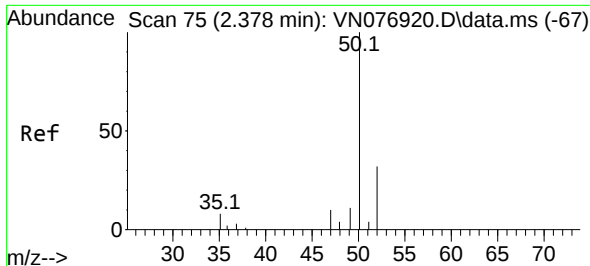
Supervised By :Mahesh Dadoda 03/13/2023



#2
Dichlorodifluoromethane
Concen: 6.905 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 85 Resp: 31898
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6





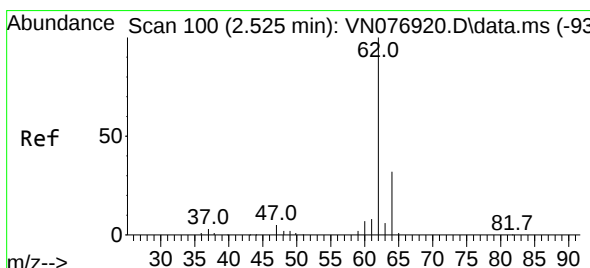
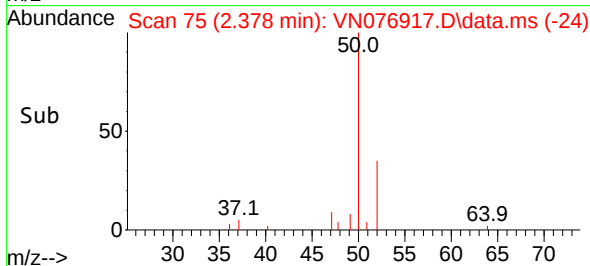
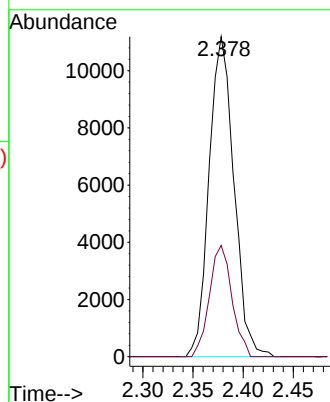
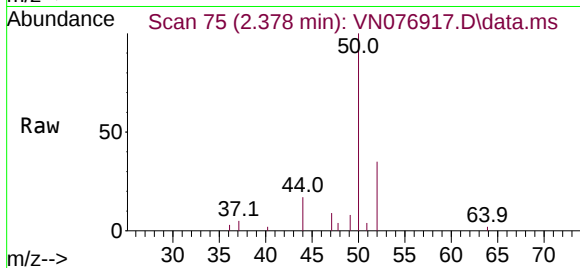
#3
Chloromethane
Concen: 3.181 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 19328
Ion Ratio Lower Upper
50 100
52 34.8 27.9 41.9

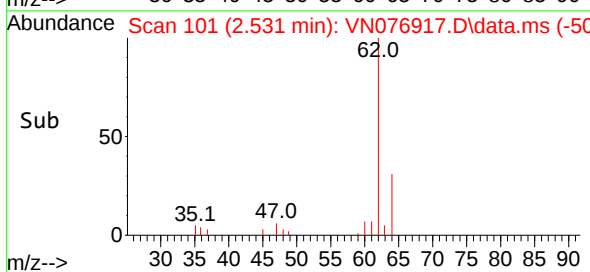
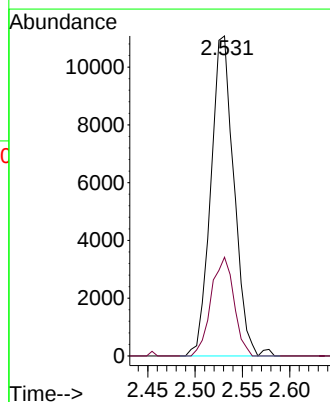
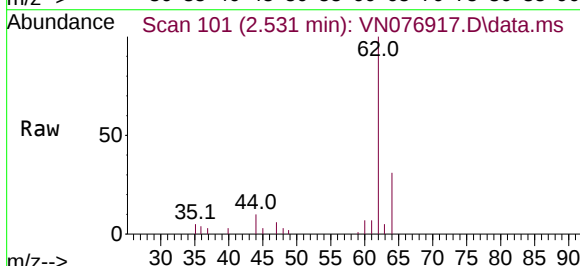
Manual Integrations
APPROVED

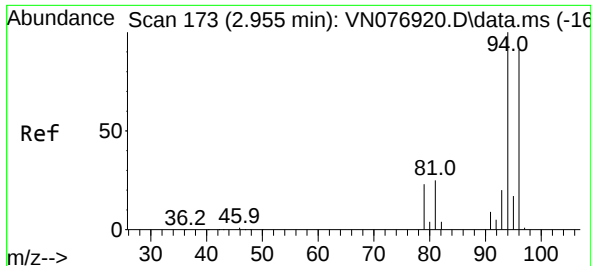
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#4
Vinyl Chloride
Concen: 3.380 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

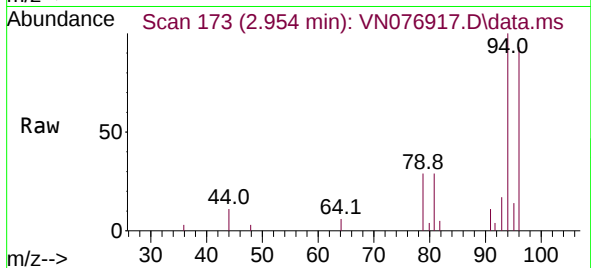
Tgt Ion: 62 Resp: 18825
Ion Ratio Lower Upper
62 100
64 30.9 24.5 36.7





#5
Bromomethane
Concen: 4.149 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

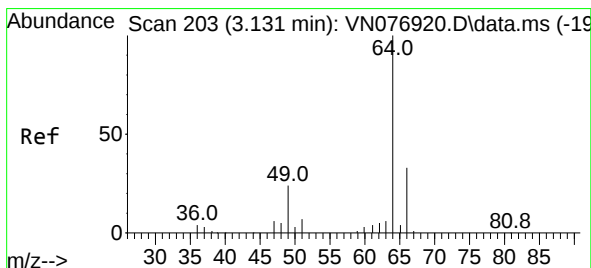
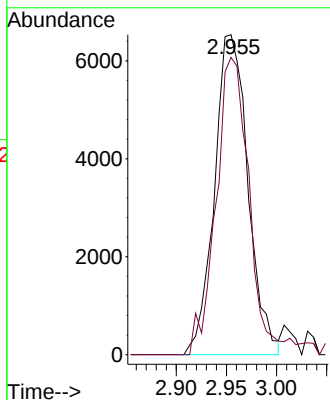
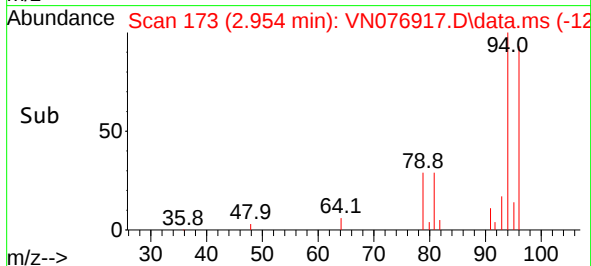
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



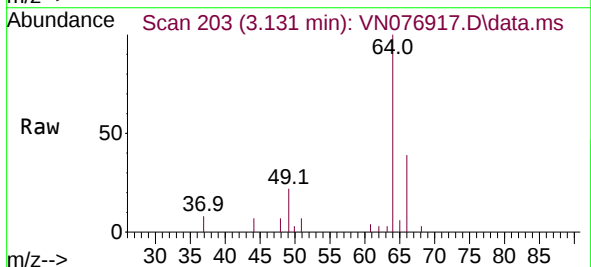
Tgt Ion: 94 Resp: 1518
Ion Ratio Lower Upper
94 100
96 92.9 79.0 118.6

Manual Integrations
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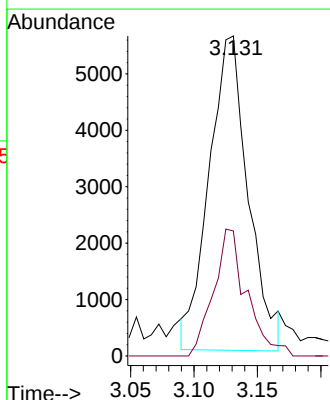
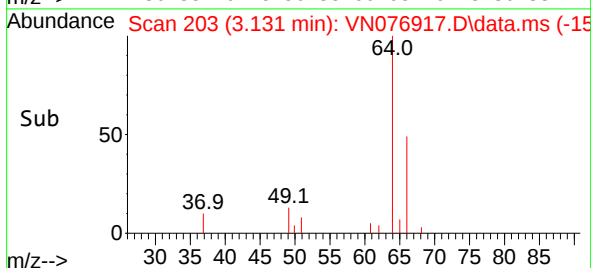
Reviewed By :John Carlone 03/13/2023
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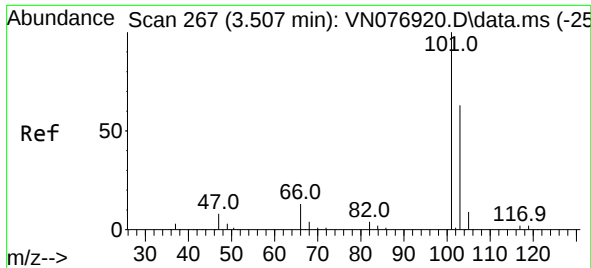


#6
Chloroethane
Concen: 3.151 ug/l m
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



Tgt Ion: 64 Resp: 11947
Ion Ratio Lower Upper
64 100
66 39.1 26.2 39.4





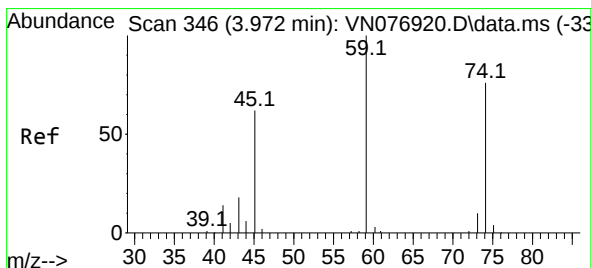
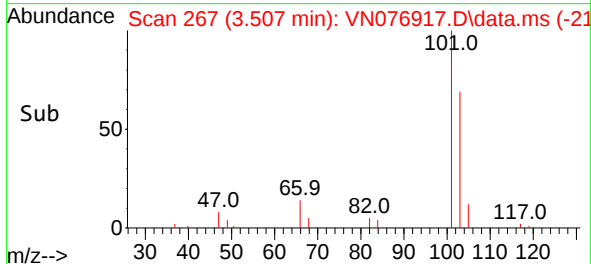
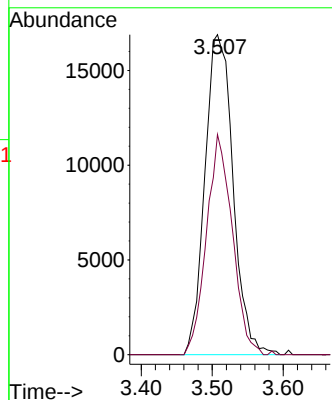
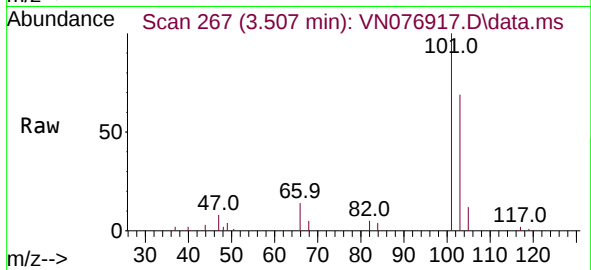
#7
Trichlorofluoromethane
Concen: 5.729 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 46548
Ion Ratio Lower Upper
101 100
103 68.8 53.4 80.0

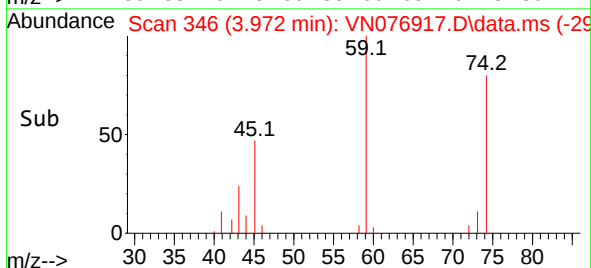
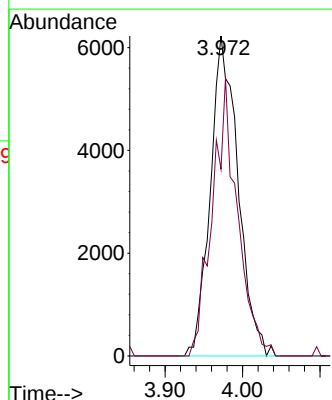
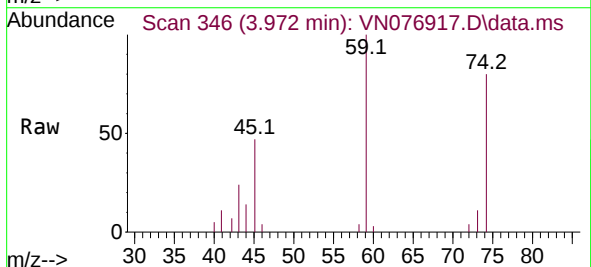
Manual Integrations
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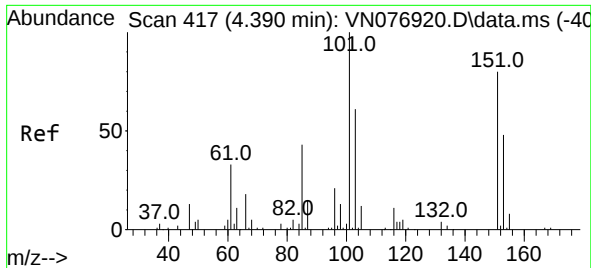
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#8
Diethyl Ether
Concen: 4.960 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 74 Resp: 15504
Ion Ratio Lower Upper
74 100
45 78.6 35.5 106.5





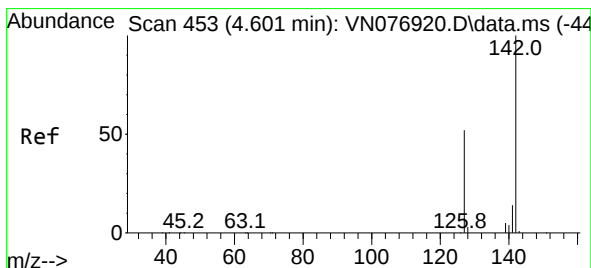
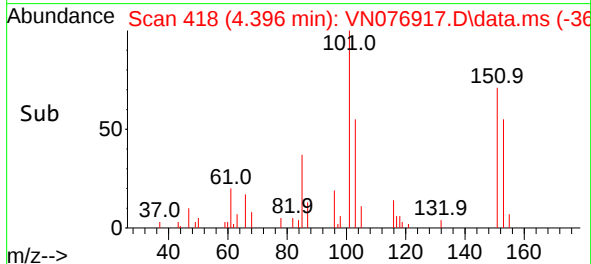
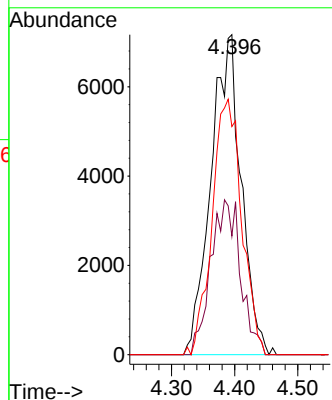
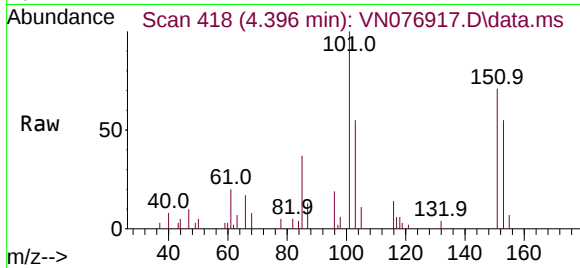
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.036 ug/l
RT: 4.396 min Scan# 417
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 23920
Ion Ratio Lower Upper
101 100
85 47.4 35.2 52.8
151 77.9 58.9 88.3

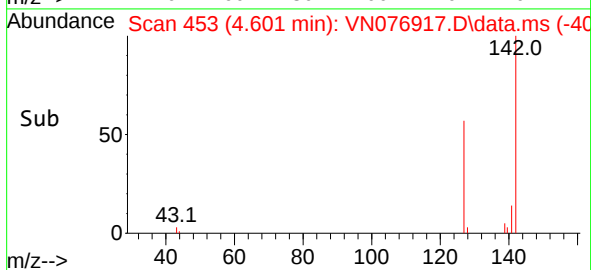
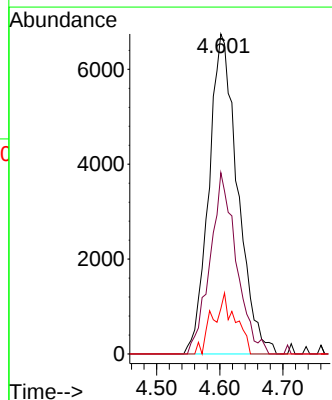
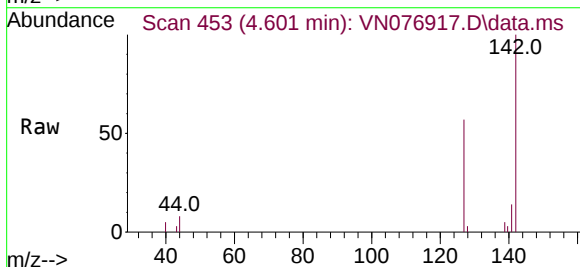
Manual Integrations
APPROVED

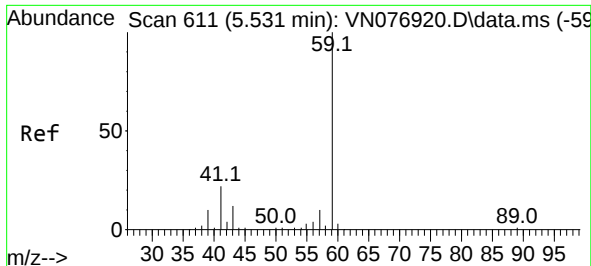
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#10
Methyl Iodide
Concen: 4.315 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:142 Resp: 21379
Ion Ratio Lower Upper
142 100
127 56.6 35.2 52.8#
141 14.2 10.2 15.2





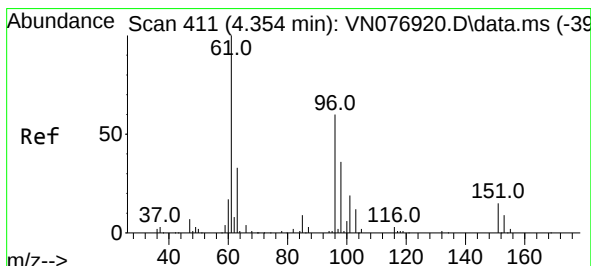
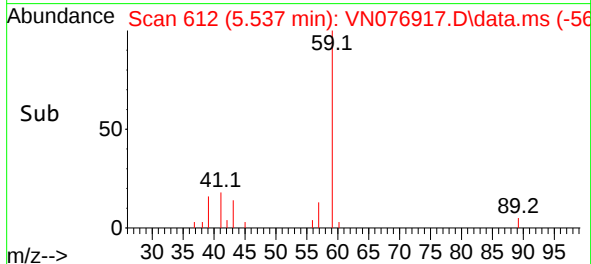
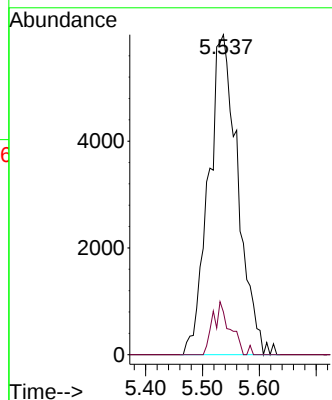
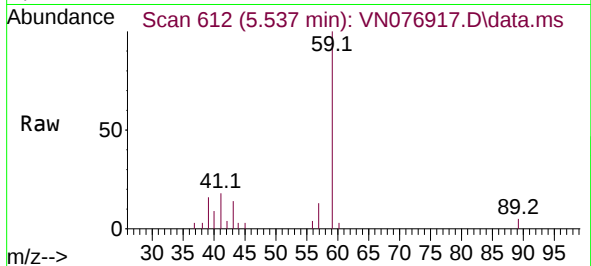
#11
Tert butyl alcohol
Concen: 26.041 ug/l
RT: 5.537 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2152
Ion Ratio Lower Upper
59 100
57 9.5 8.6 12.8

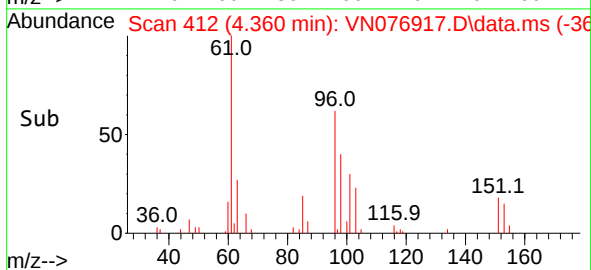
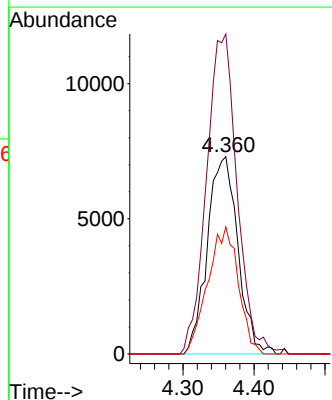
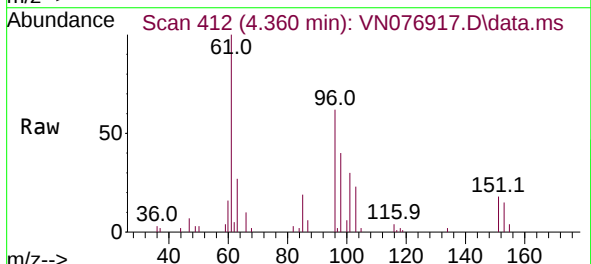
Manual Integrations
APPROVED

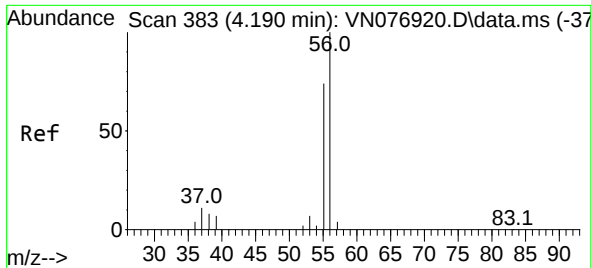
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#12
1,1-Dichloroethene
Concen: 4.935 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

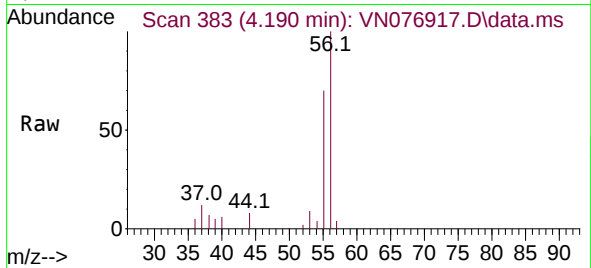
Tgt Ion: 96 Resp: 21862
Ion Ratio Lower Upper
96 100
61 162.2 121.3 181.9
98 64.4 52.1 78.1





#13
Acrolein
Concen: 21.018 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

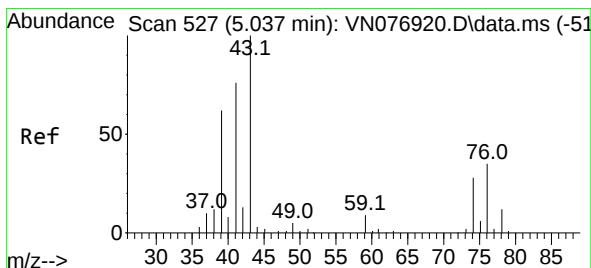
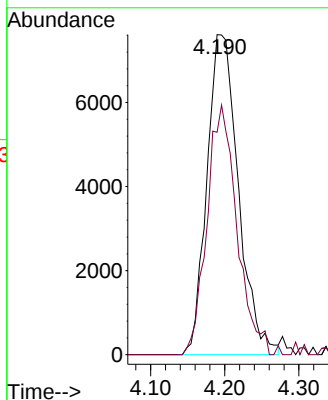
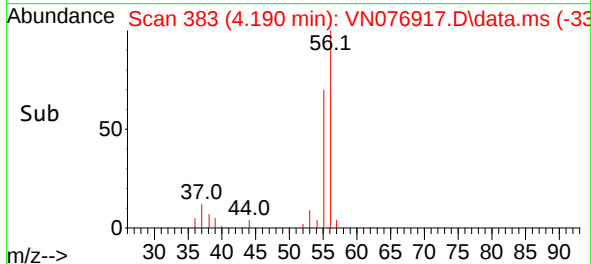
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



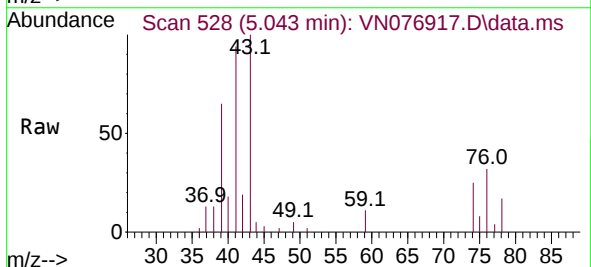
Tgt Ion: 56 Resp: 22472
Ion Ratio Lower Upper
56 100
55 74.1 56.7 85.1

Manual Integrations
APPROVED

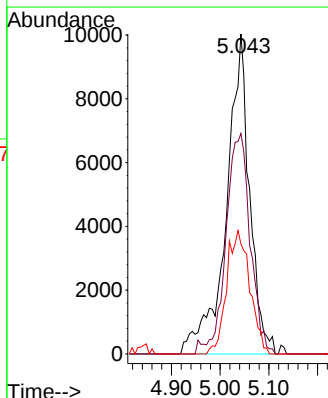
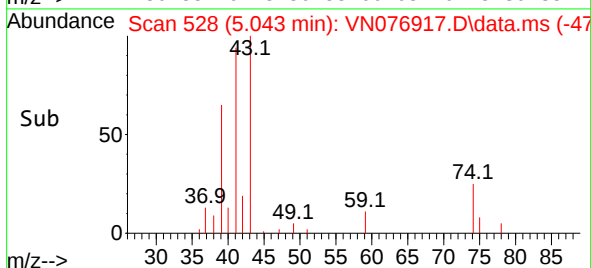
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

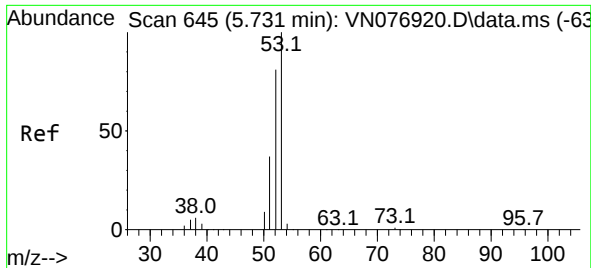


#14
Allyl chloride
Concen: 4.521 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



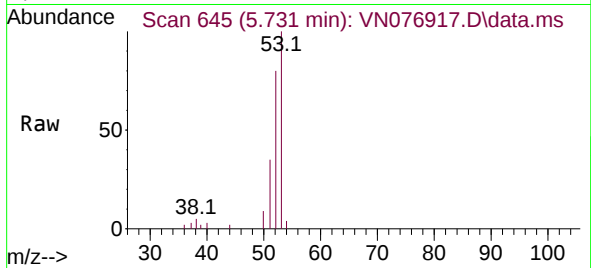
Tgt Ion: 41 Resp: 33440
Ion Ratio Lower Upper
41 100
39 70.2 68.1 102.1
76 38.3 44.1 66.1#





#15
Acrylonitrile
Concen: 22.341 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

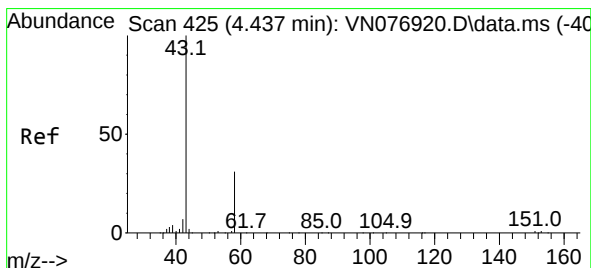
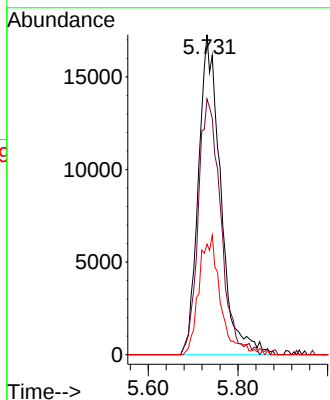
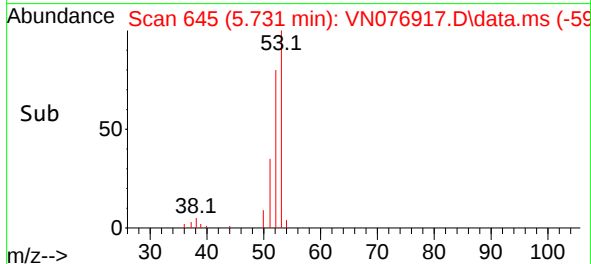
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



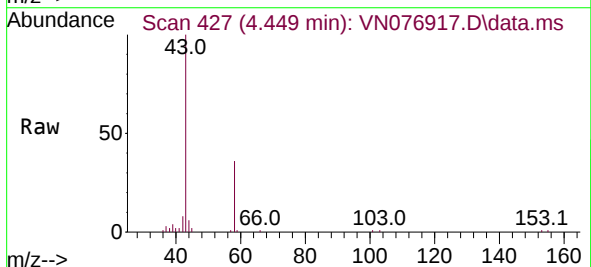
Tgt Ion: 53 Resp: 59380
Ion Ratio Lower Upper
53 100
52 79.8 65.3 97.9
51 35.8 28.8 43.2

Manual Integrations
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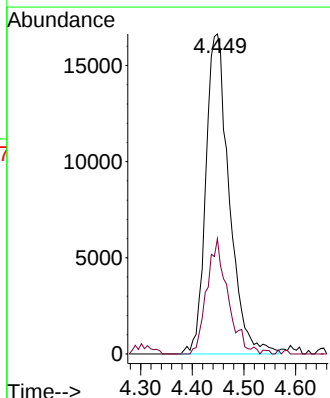
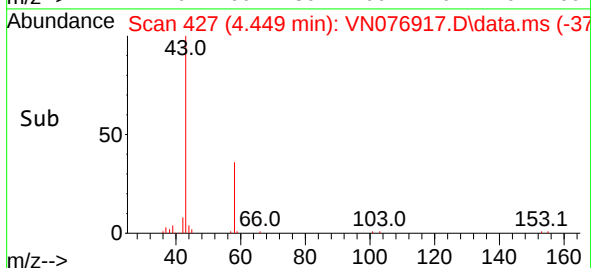
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

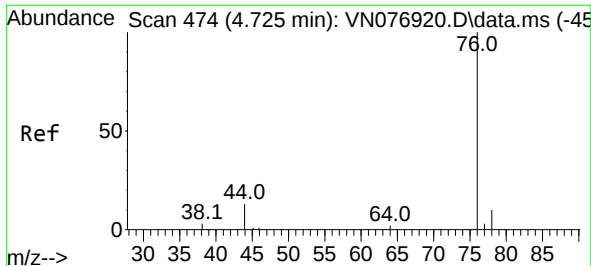


#16
Acetone
Concen: 21.557 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



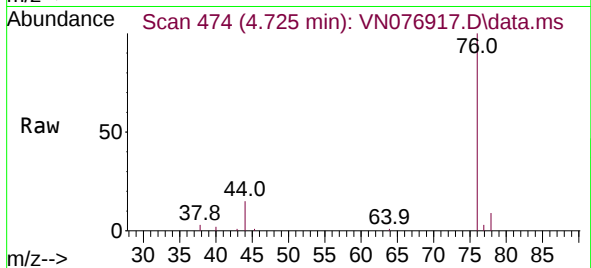
Tgt Ion: 43 Resp: 52372
Ion Ratio Lower Upper
43 100
58 36.0 28.2 42.2





#17
Carbon Disulfide
Concen: 4.882 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

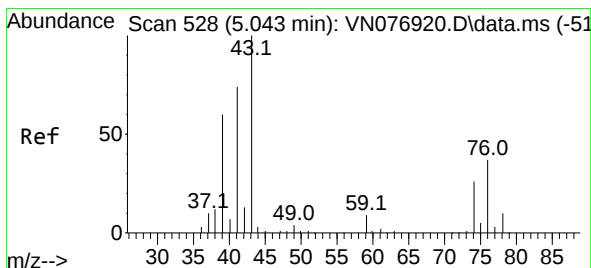
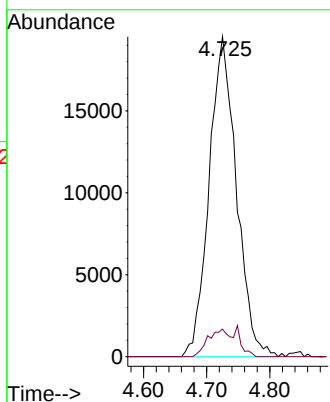
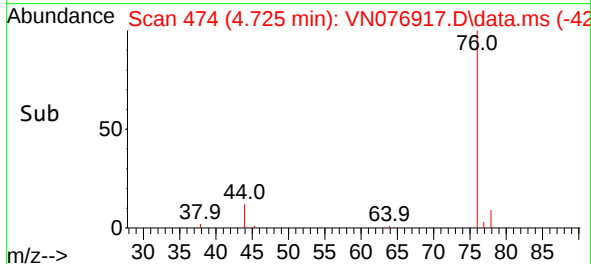
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



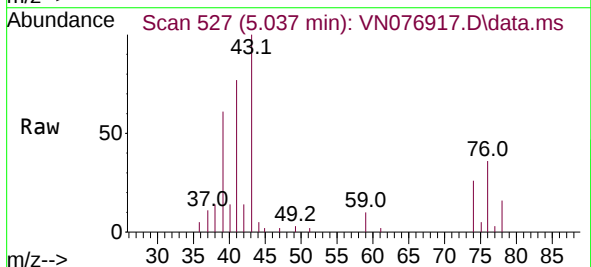
Tgt Ion: 76 Resp: 58719
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8

Manual Integrations
APPROVED

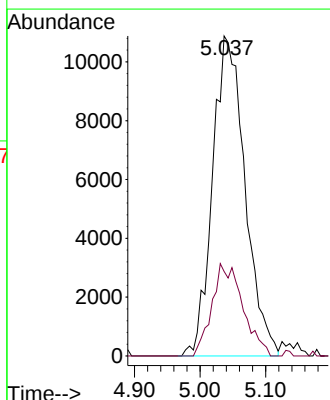
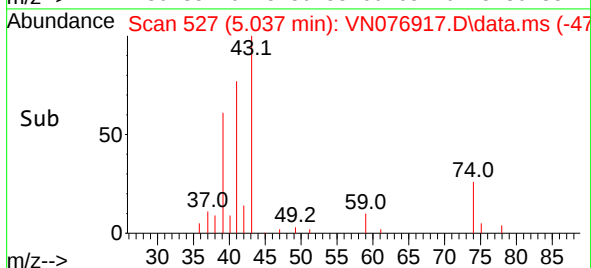
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

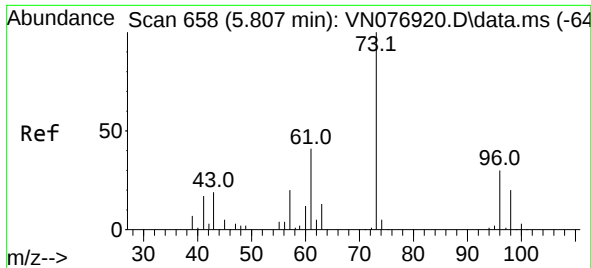


#18
Methyl Acetate
Concen: 4.491 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



Tgt Ion: 43 Resp: 37385
Ion Ratio Lower Upper
43 100
74 27.4 25.9 38.9





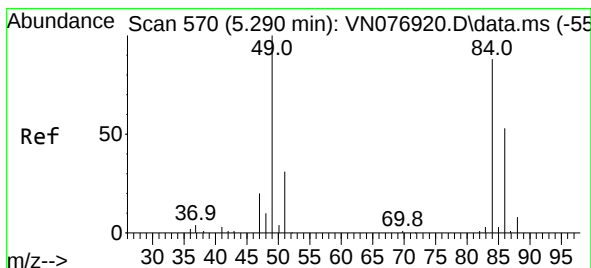
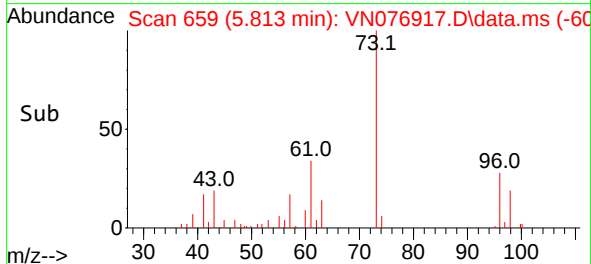
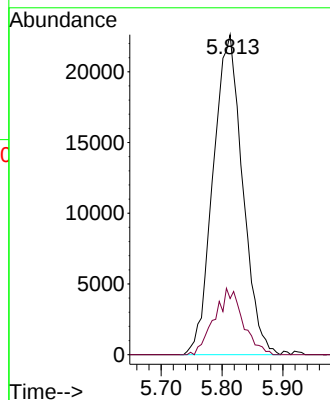
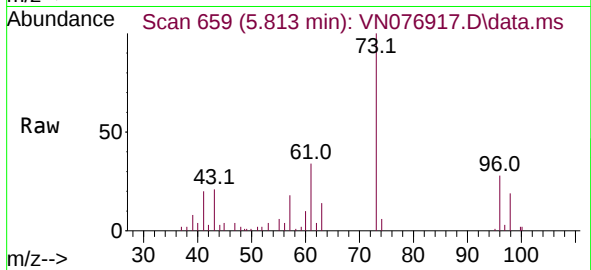
#19
Methyl tert-butyl Ether
Concen: 5.014 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 7616
Ion Ratio Lower Upper
73 100
57 17.6 16.1 24.1

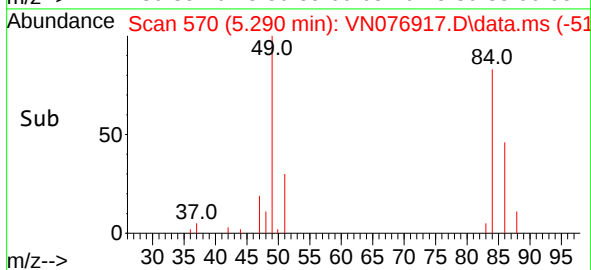
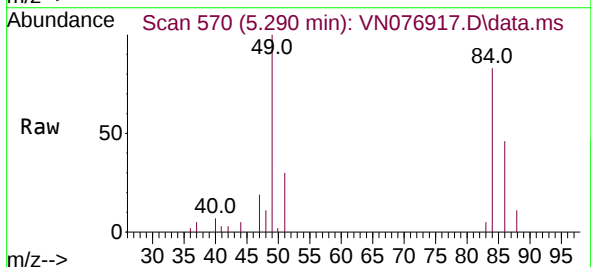
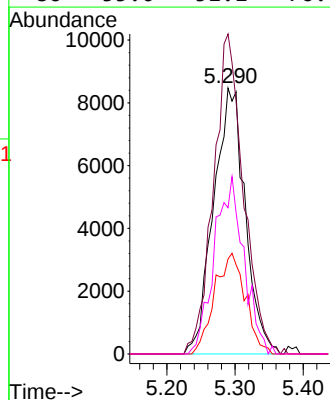
Manual Integrations
APPROVED

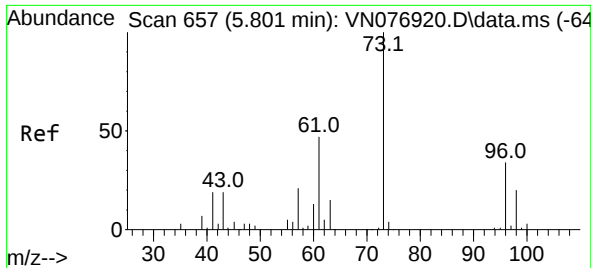
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#20
Methylene Chloride
Concen: 4.807 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 84 Resp: 27245
Ion Ratio Lower Upper
84 100
49 120.3 76.6 114.8#
51 35.8 25.4 38.2
86 55.0 51.1 76.7





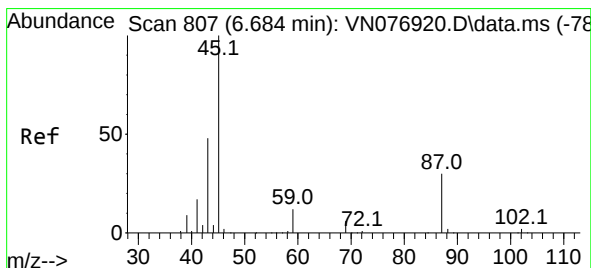
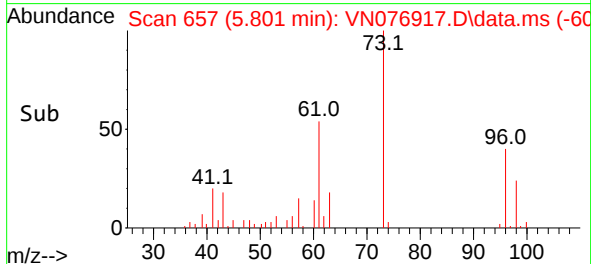
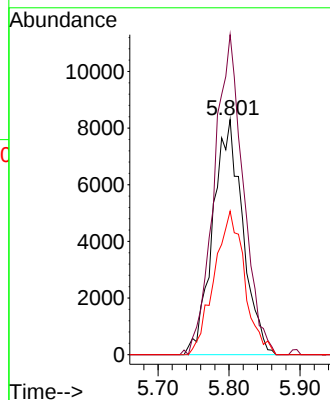
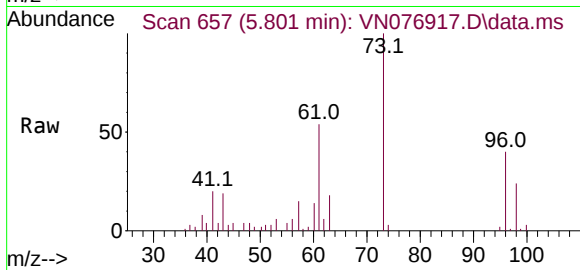
#21
trans-1,2-Dichloroethene
Concen: 5.060 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 24230
Ion Ratio Lower Upper
96 100
61 136.0 95.0 142.6
98 61.0 54.5 81.7

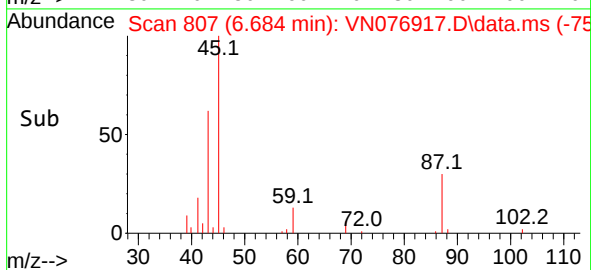
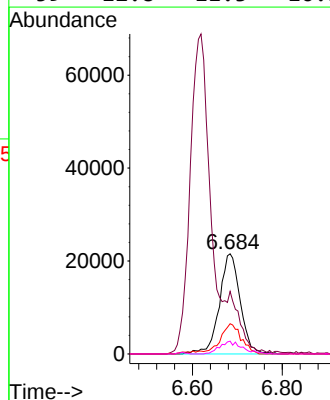
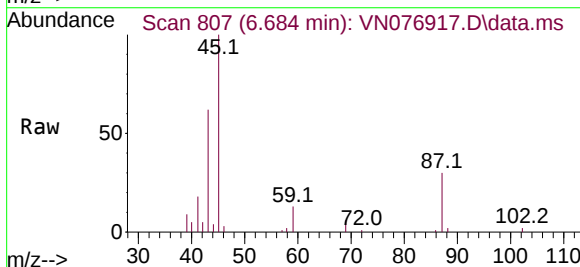
Manual Integrations
APPROVED

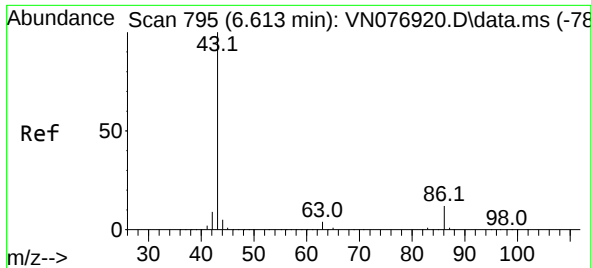
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#22
Diisopropyl ether
Concen: 4.185 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 45 Resp: 69630
Ion Ratio Lower Upper
45 100
43 60.6 42.6 63.8
87 30.2 29.7 44.5
59 12.8 11.3 16.9





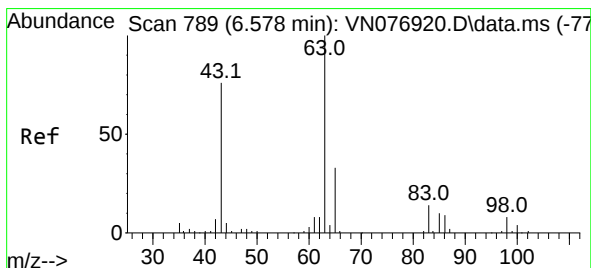
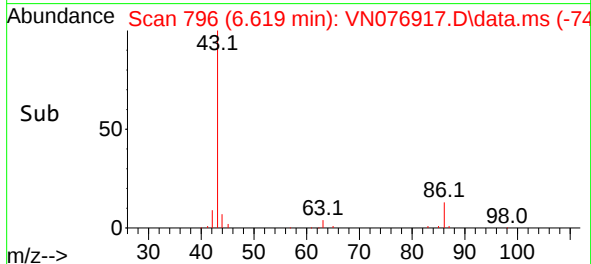
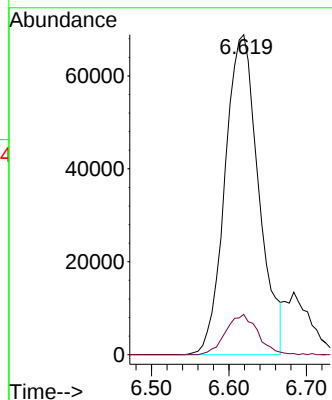
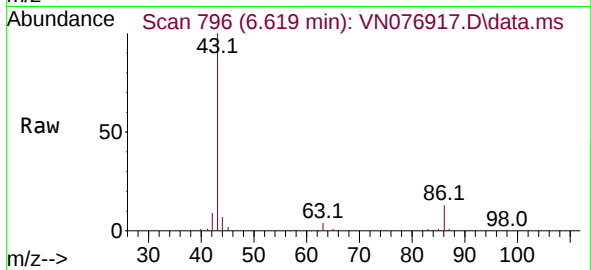
#23
 Vinyl Acetate
 Concen: 19.637 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076917.D
 Acq: 10 Mar 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 208128
 Ion Ratio Lower Upper
 43 100
 86 12.6 11.8 17.6

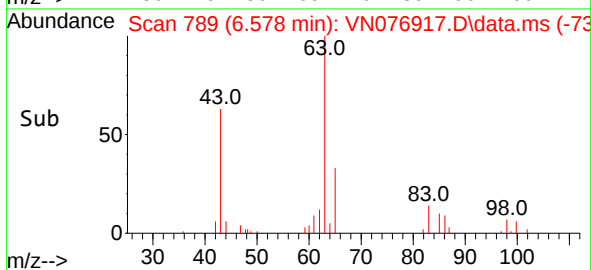
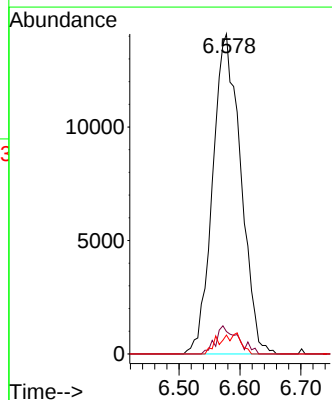
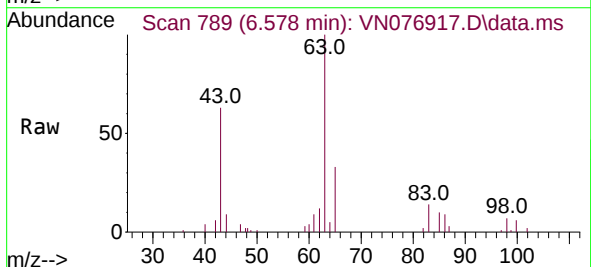
Manual Integrations
 APPROVED

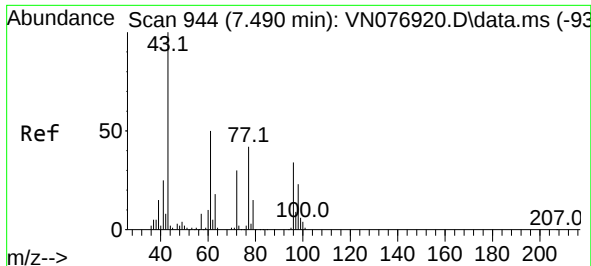
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#24
 1,1-Dichloroethane
 Concen: 4.759 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076917.D
 Acq: 10 Mar 2023 11:46

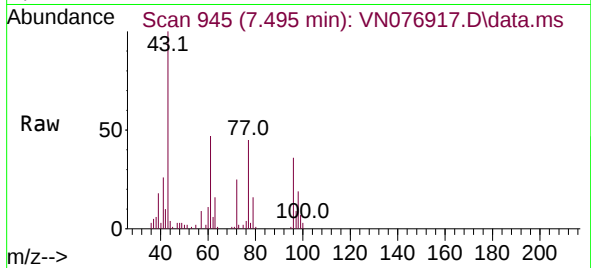
Tgt Ion: 63 Resp: 45160
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.2 12.6
 100 5.9 2.2 6.6





#25
2-Butanone
Concen: 20.829 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

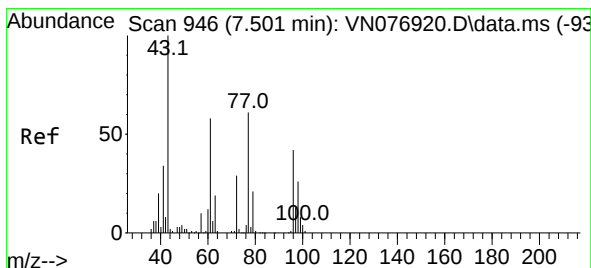
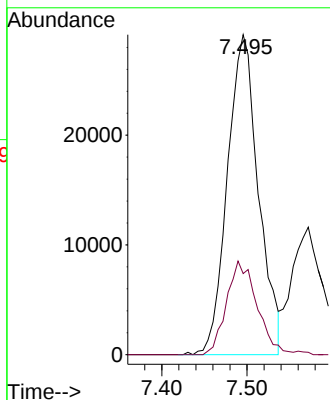
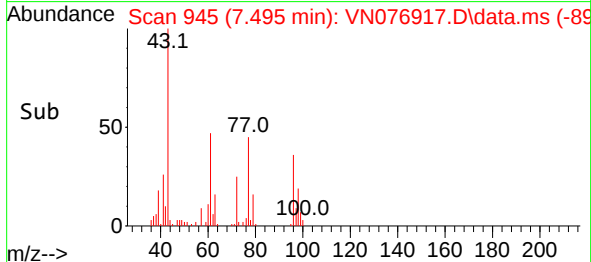
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 73920
Ion Ratio Lower Upper
43 100
72 25.3 28.8 43.2

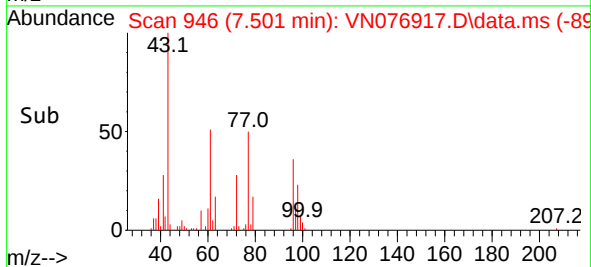
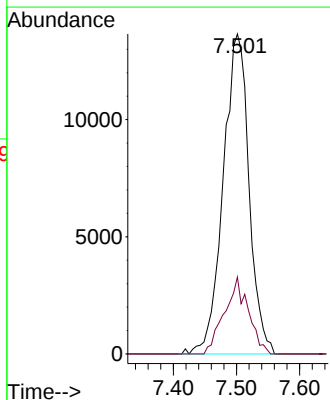
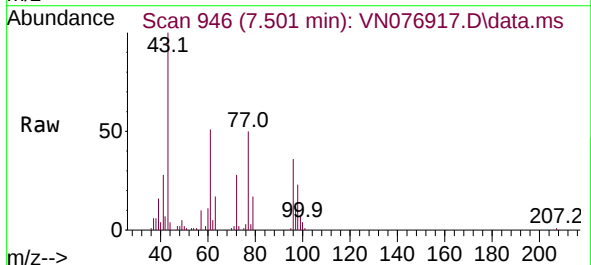
Manual Integrations
APPROVED

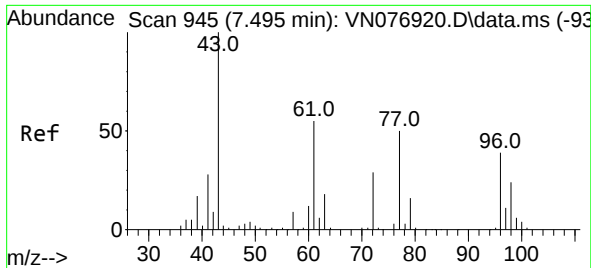
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#26
2,2-Dichloropropane
Concen: 5.583 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

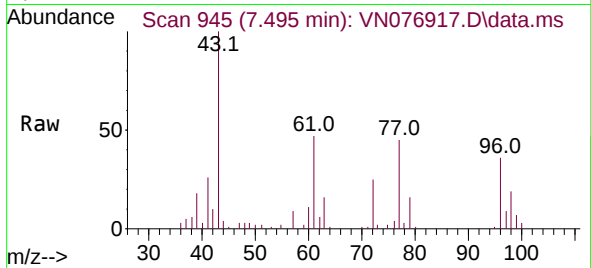
Tgt Ion: 77 Resp: 38793
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 4.750 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076917.D
 Acq: 10 Mar 2023 11:46

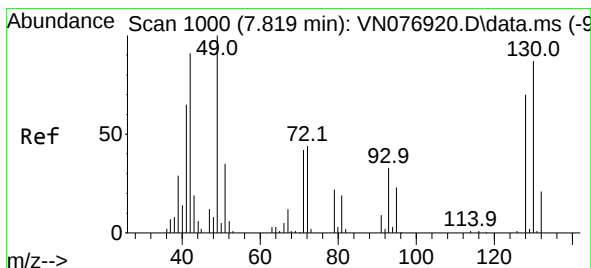
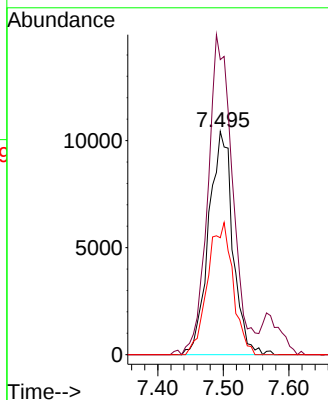
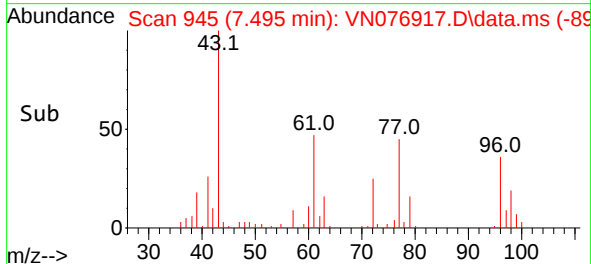
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



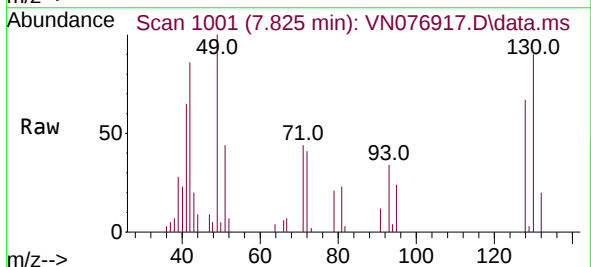
Tgt Ion: 96 Resp: 2665
 Ion Ratio Lower Upper
 96 100
 61 147.6 0.0 255.6
 98 62.0 0.0 127.4

Manual Integrations
 APPROVED

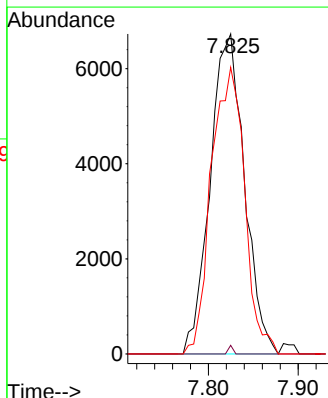
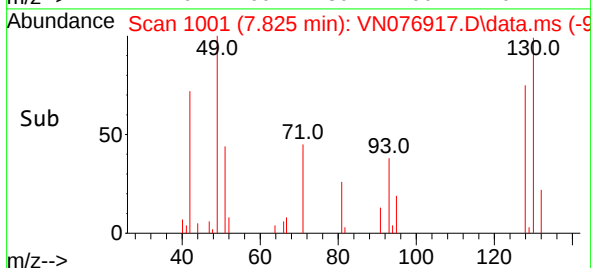
Reviewed By :John Carlone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

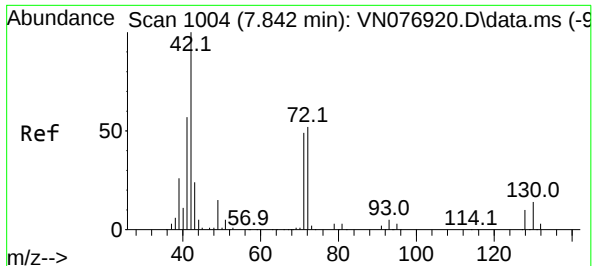


#28
 Bromochloromethane
 Concen: 4.450 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076917.D
 Acq: 10 Mar 2023 11:46



Tgt Ion: 49 Resp: 17856
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.6
 130 86.8 74.8 112.2





#29

Tetrahydrofuran

Concen: 19.916 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

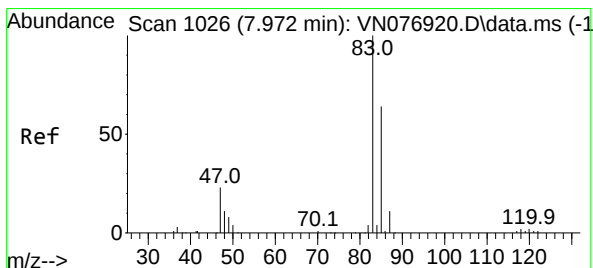
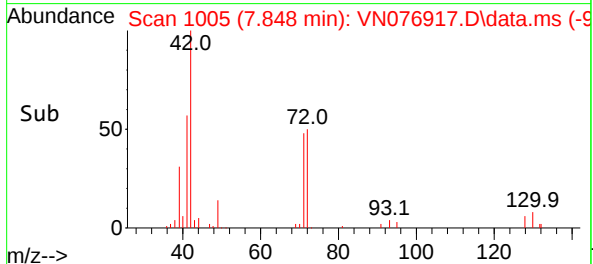
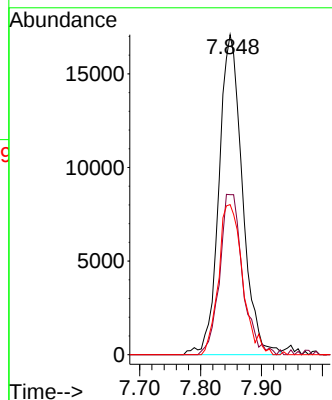
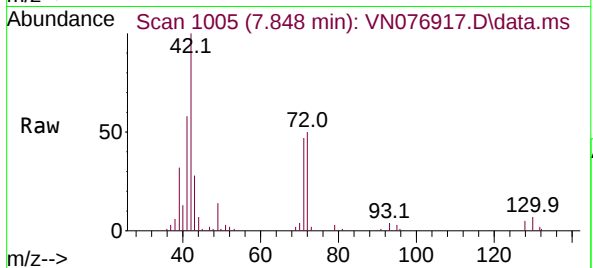
Tgt Ion:	42	Resp:	45590
Ion Ratio	Lower	Upper	
42	100		
72	49.0	48.6	73.0
71	48.0	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#30

Chloroform

Concen: 5.301 ug/l

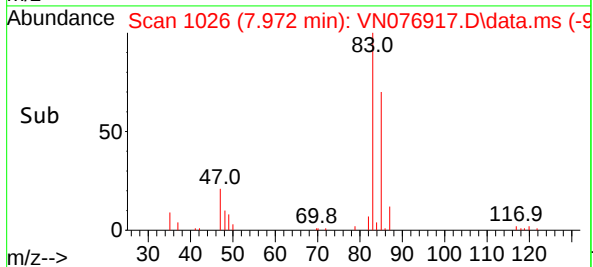
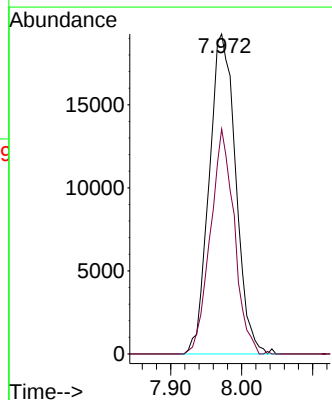
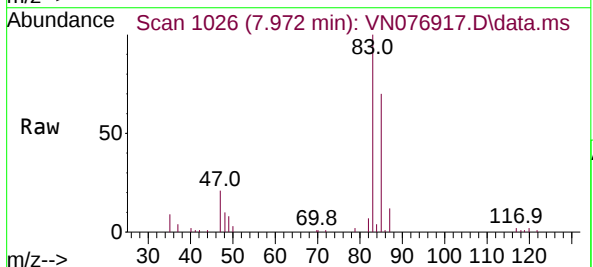
RT: 7.972 min Scan# 1026

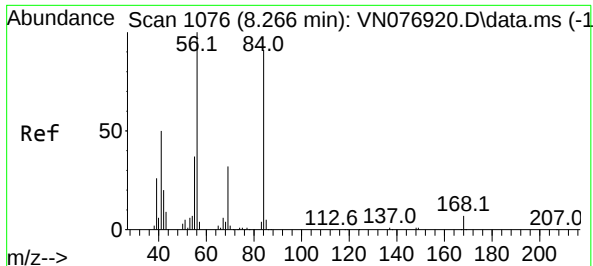
Delta R.T. -0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

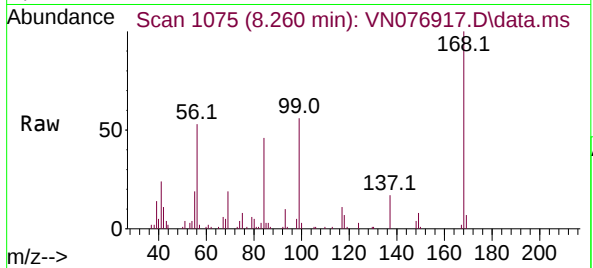
Tgt Ion:	83	Resp:	49960
Ion Ratio	Lower	Upper	
83	100		
85	70.3	51.3	76.9





#31
Cyclohexane
Concen: 4.984 ug/l
RT: 8.260 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

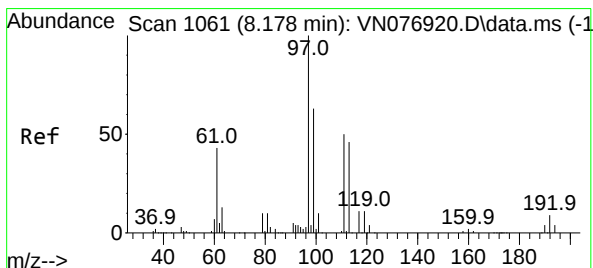
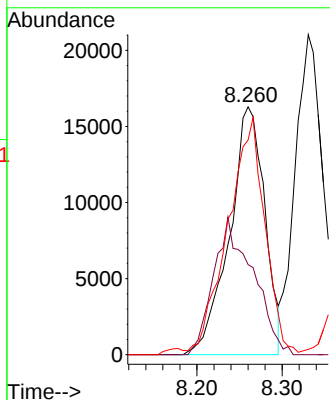
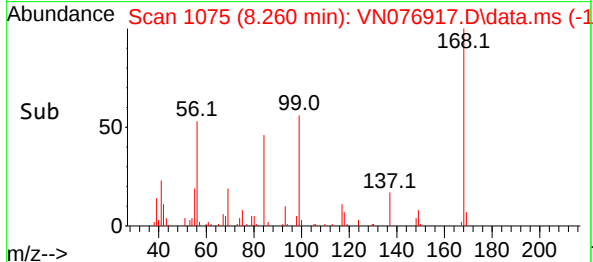
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



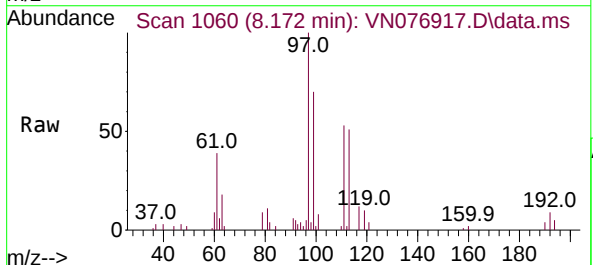
Tgt Ion: 56 Resp: 4685
Ion Ratio Lower Upper
56 100
69 36.4 27.0 40.6
84 84.1 82.9 124.3

Manual Integrations
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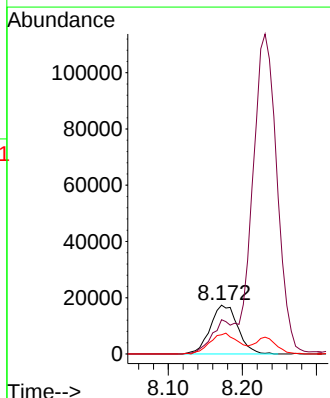
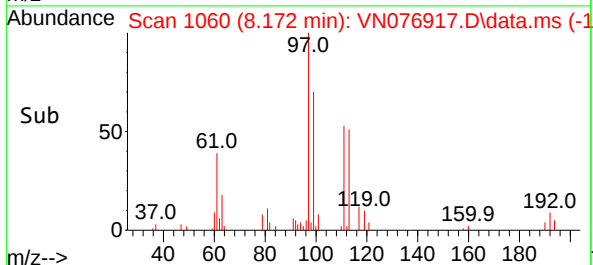
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

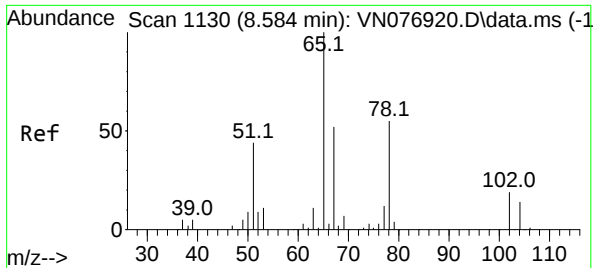


#32
1,1,1-Trichloroethane
Concen: 5.490 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



Tgt Ion: 97 Resp: 44806
Ion Ratio Lower Upper
97 100
99 47.4 51.2 76.8#
61 43.7 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 5.651 ug/l
RT: 8.578 min Scan# 1130
Delta R.T. -0.005 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

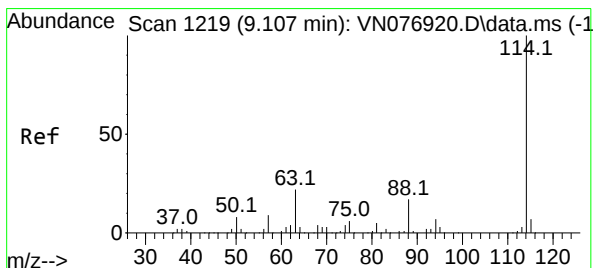
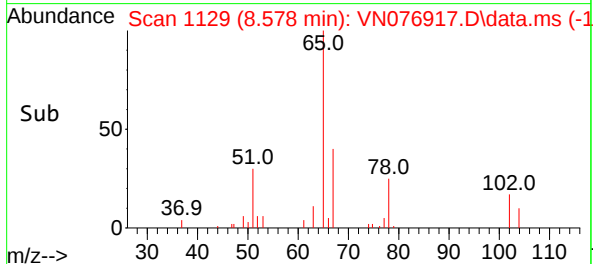
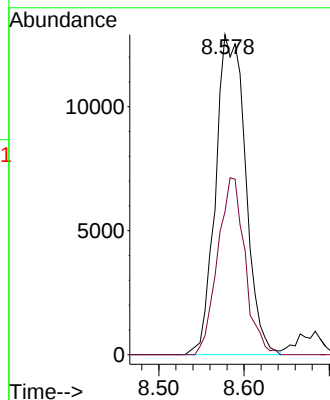
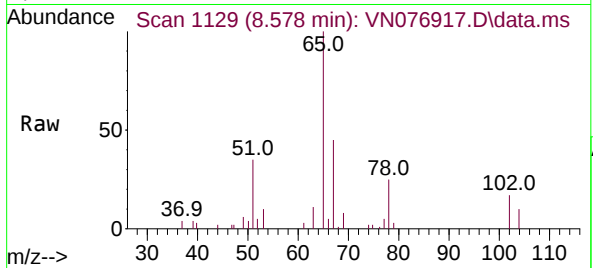
VSTDIC005

Tgt Ion: 65 Resp: 3145
Ion Ratio Lower Upper
65 100
67 50.5 0.0 107.2

Manual Integrations

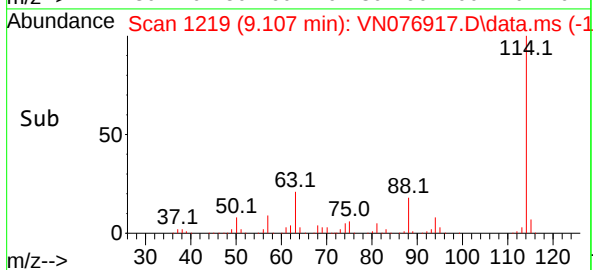
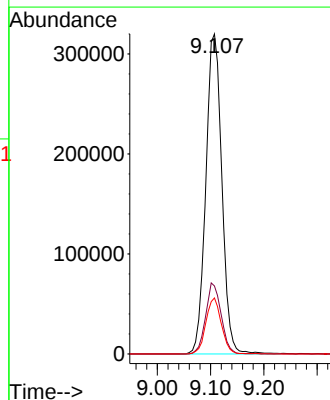
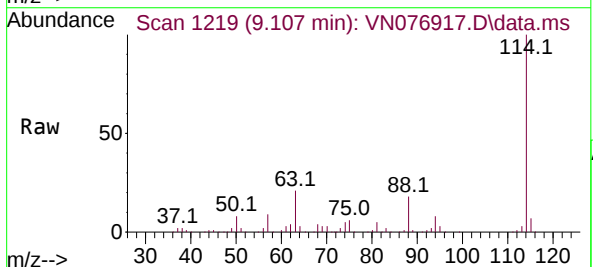
APPROVED

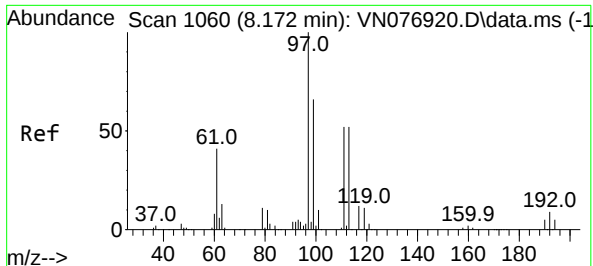
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:114 Resp: 670750
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.6
88 17.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 5.832 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

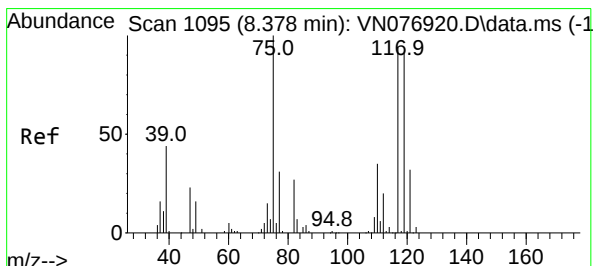
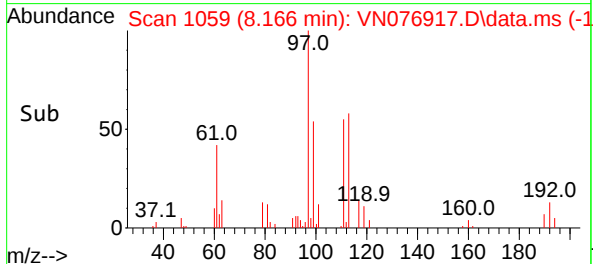
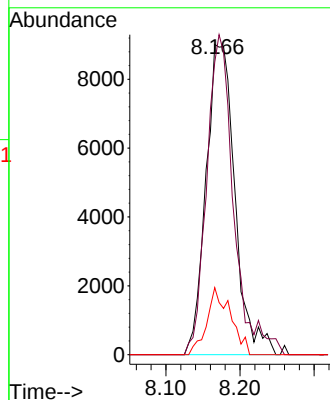
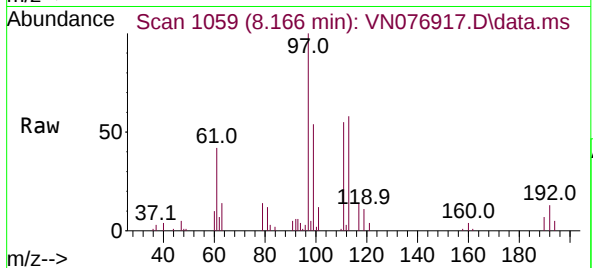
Tgt Ion:	113	Resp:	2447
Ion Ratio	Lower	Upper	
113	100		
111	95.8	81.8	122.8
192	17.7	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#36

1,1-Dichloropropene

Concen: 5.159 ug/l

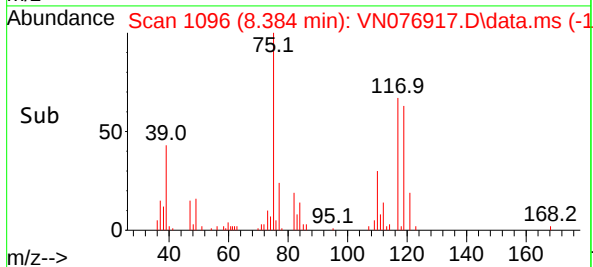
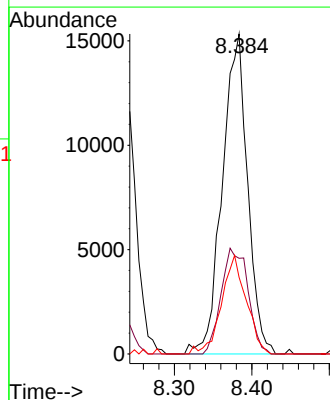
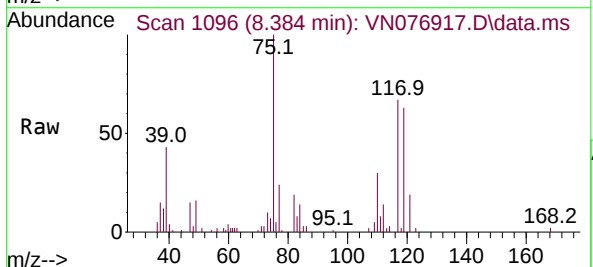
RT: 8.384 min Scan# 1096

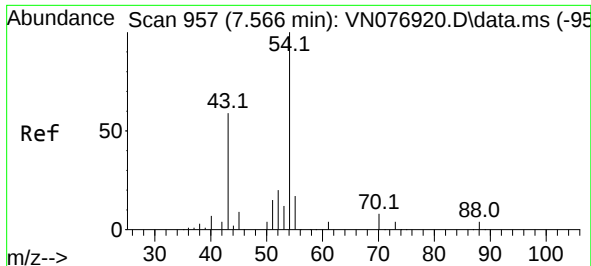
Delta R.T. 0.006 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Tgt Ion:	75	Resp:	34790
Ion Ratio	Lower	Upper	
75	100		
110	35.2	18.9	56.9
77	30.3	24.9	37.3





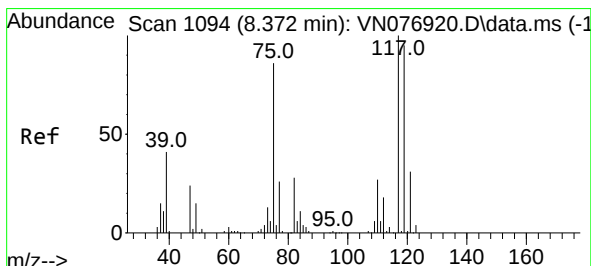
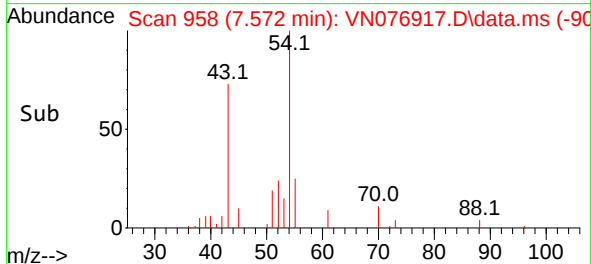
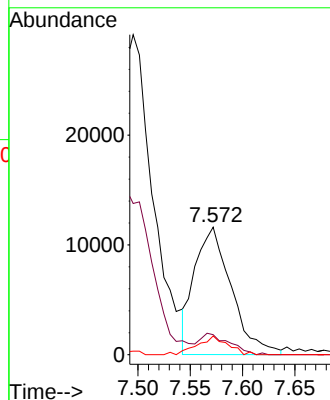
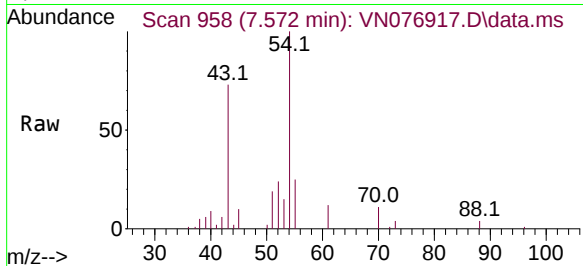
#37
Ethyl Acetate
Concen: 4.105 ug/l m
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 28418
Ion Ratio Lower Upper
43 100
61 13.0 13.5 20.3
70 12.0 11.0 16.6

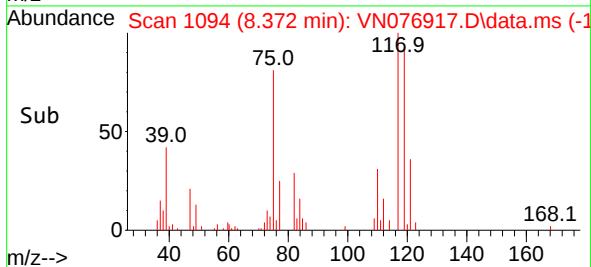
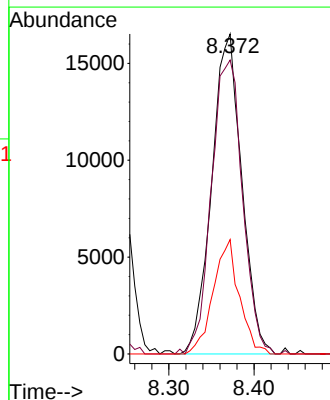
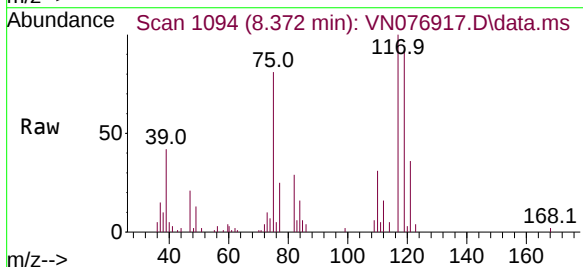
Manual Integrations
APPROVED

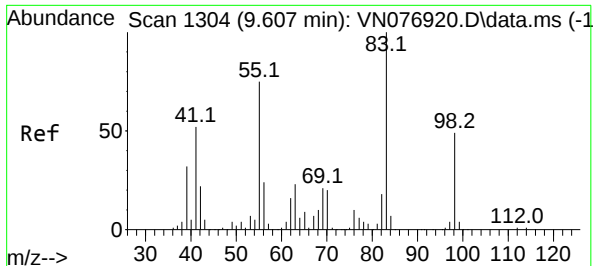
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:117 Resp: 40534
Ion Ratio Lower Upper
117 100
119 91.8 76.9 115.3
121 35.7 23.2 34.8#





#39

Methylcyclohexane

Concen: 4.839 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

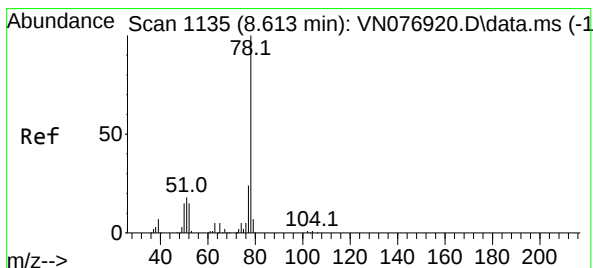
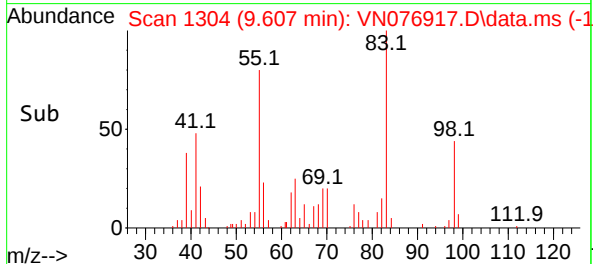
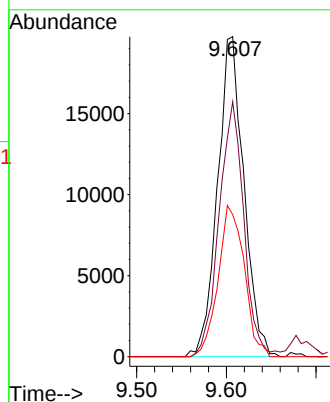
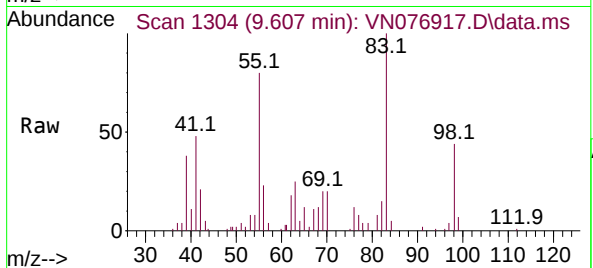
Tgt Ion: 83	Resp: 40224
Ion Ratio	Lower Upper
83 100	
55 79.6	47.0 70.4
98 44.4	39.4 59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 4.930 ug/l

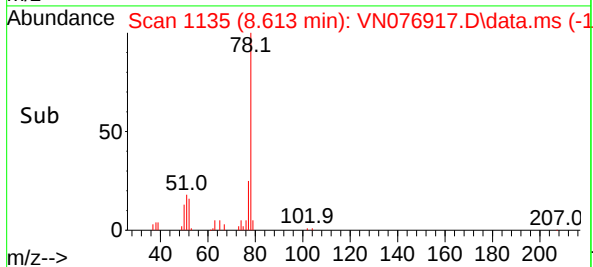
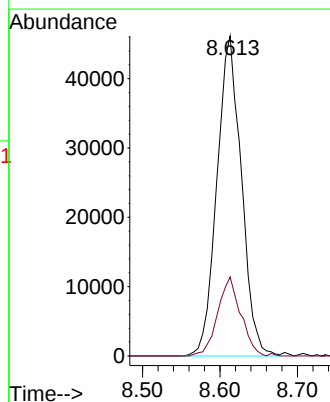
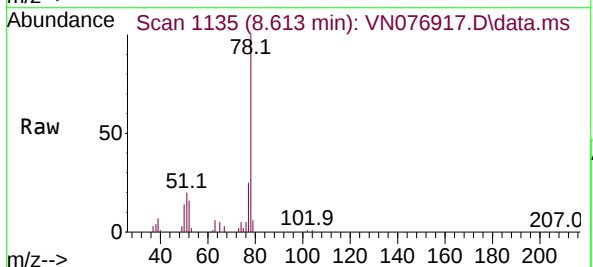
RT: 8.613 min Scan# 1135

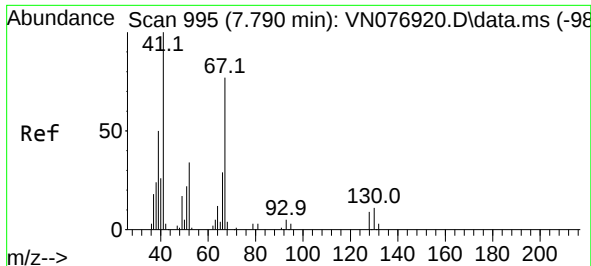
Delta R.T. -0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

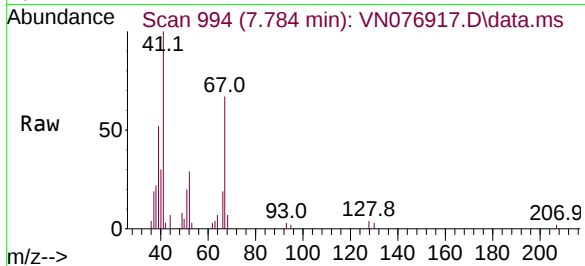
Tgt Ion: 78	Resp: 101282
Ion Ratio	Lower Upper
78 100	
77 24.7	19.3 28.9





#41
Methacrylonitrile
Concen: 4.111 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

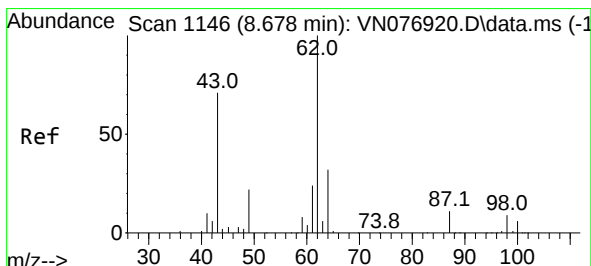
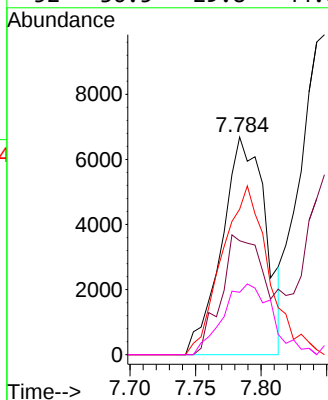
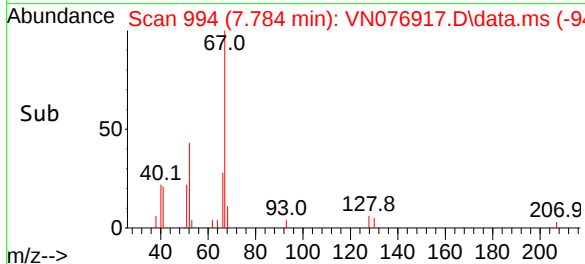
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	15540
Ion Ratio	100	Lower	Upper
41	100		
39	60.7	43.4	65.0
67	82.8	78.6	118.0
52	36.5	29.8	44.8

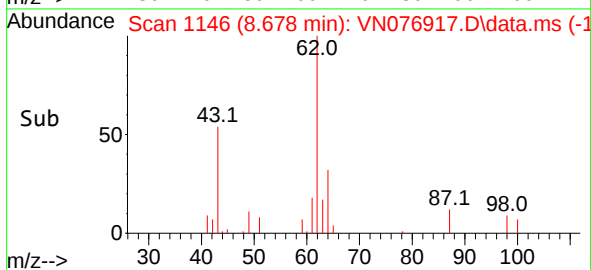
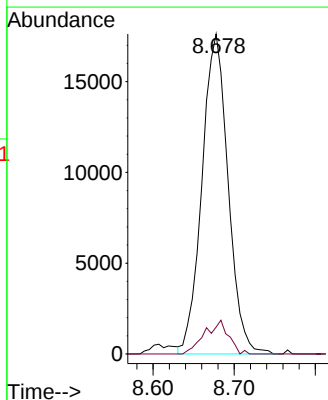
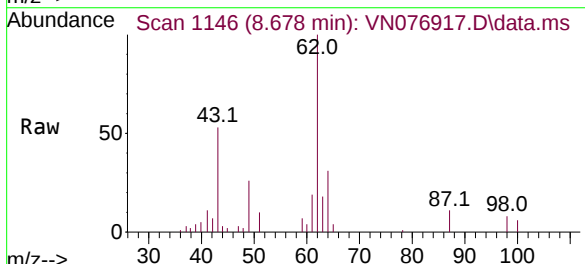
Manual Integrations
APPROVED

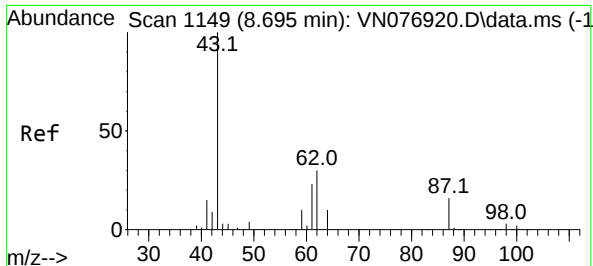
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#42
1,2-Dichloroethane
Concen: 5.508 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

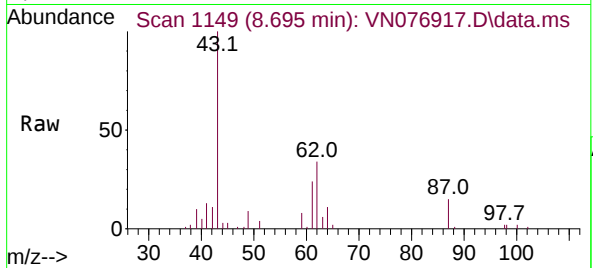
Tgt Ion:	62	Resp:	39416
Ion Ratio	100	Lower	Upper
62	100		
98	9.6	0.0	21.8





#43
Isopropyl Acetate
Concen: 4.436 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

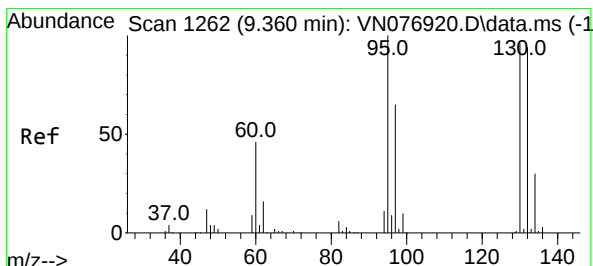
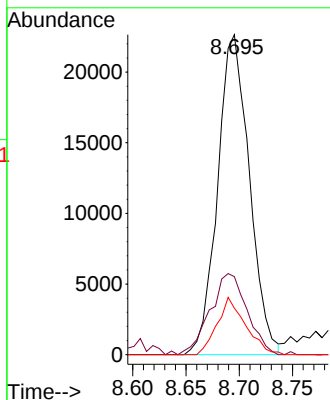
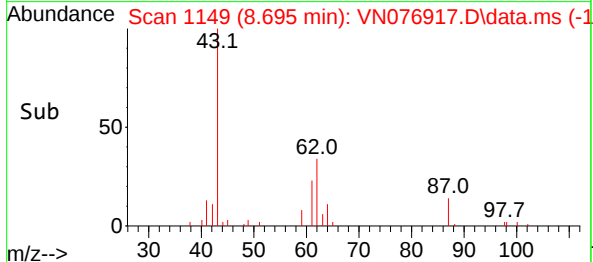
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



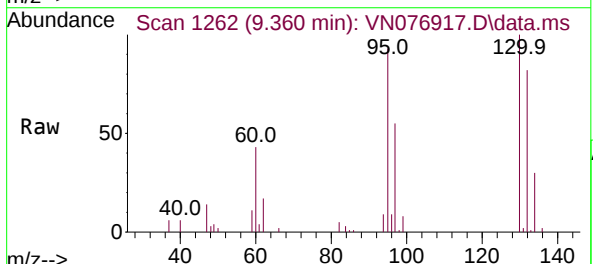
Tgt Ion: 43 Resp: 47009
Ion Ratio Lower Upper
43 100
61 29.3 26.2 39.2
87 16.0 14.8 22.2

Manual Integrations
APPROVED

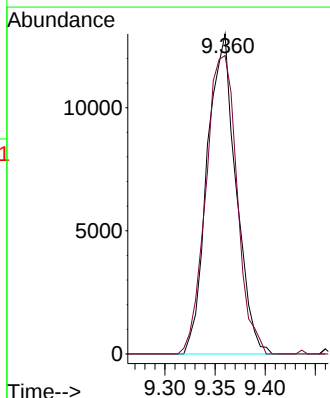
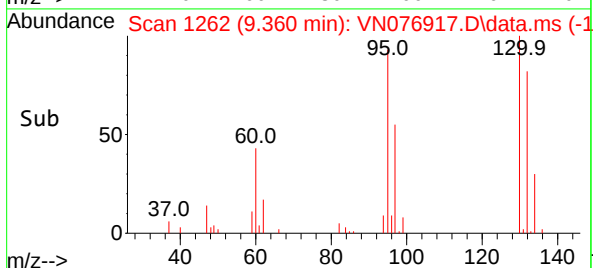
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

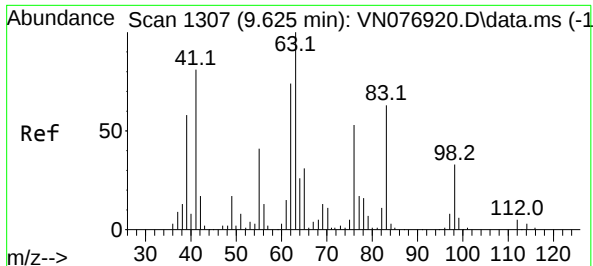


#44
Trichloroethene
Concen: 5.321 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



Tgt Ion:130 Resp: 25919
Ion Ratio Lower Upper
130 100
95 93.3 0.0 208.6





#45

1,2-Dichloropropane

Concen: 4.503 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 23904

Ion Ratio Lower Upper

63 100

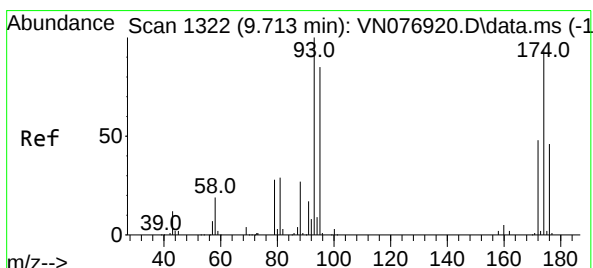
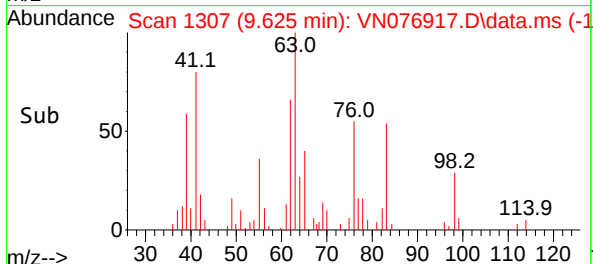
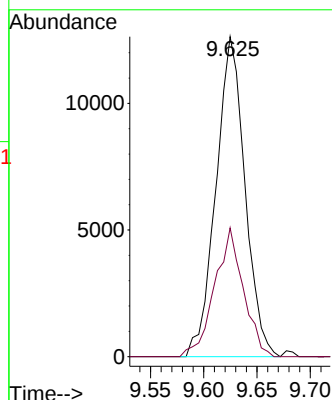
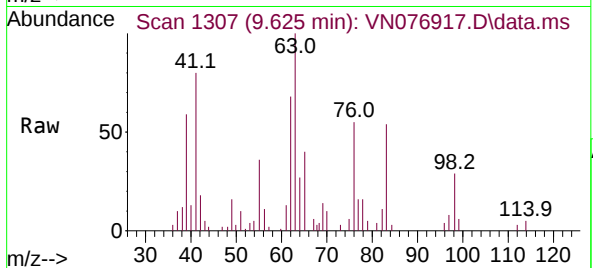
65 40.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 5.040 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

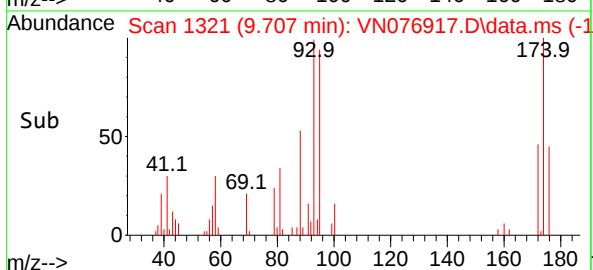
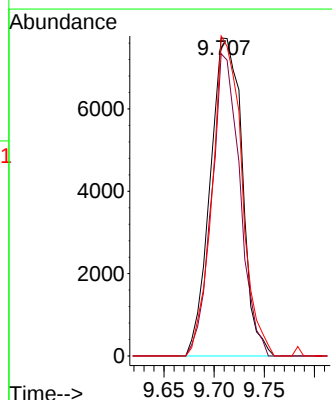
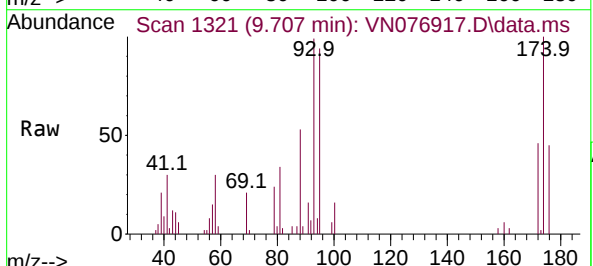
Tgt Ion: 93 Resp: 16994

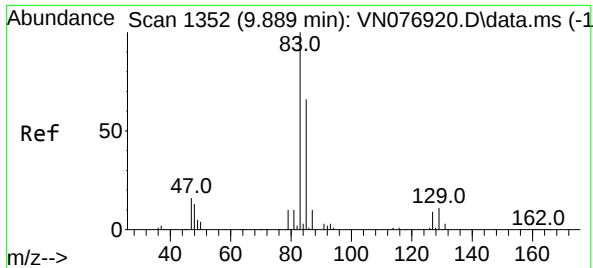
Ion Ratio Lower Upper

93 100

95 84.4 65.7 98.5

174 93.7 69.3 103.9





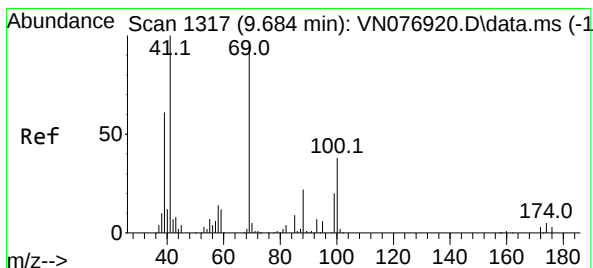
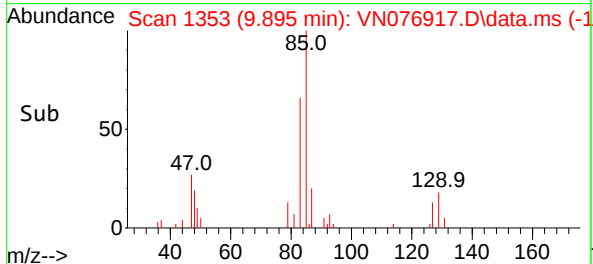
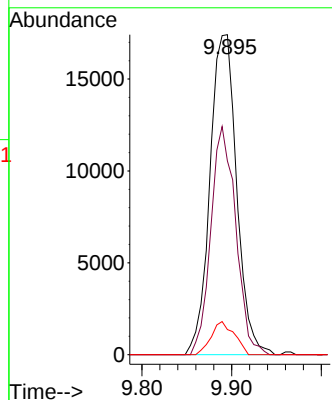
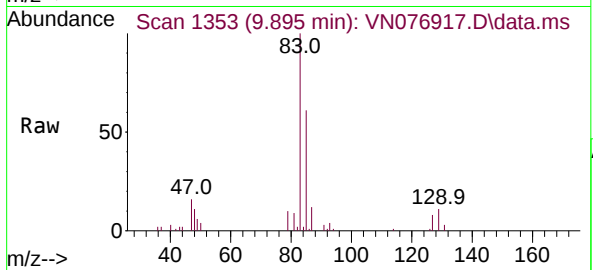
#47
Bromodichloromethane
Concen: 5.204 ug/l
RT: 9.895 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 3607
Ion Ratio Lower Upper
83 100
85 60.5 52.6 78.8
127 7.9 7.0 10.6

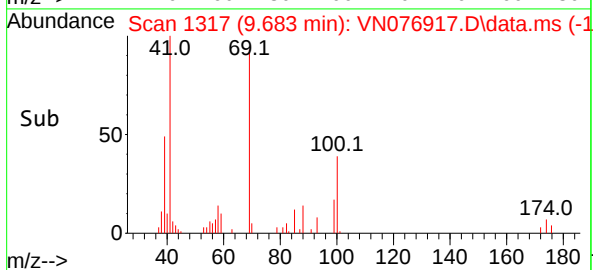
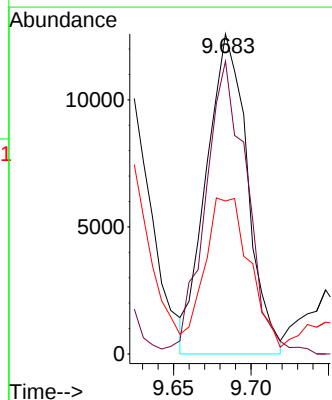
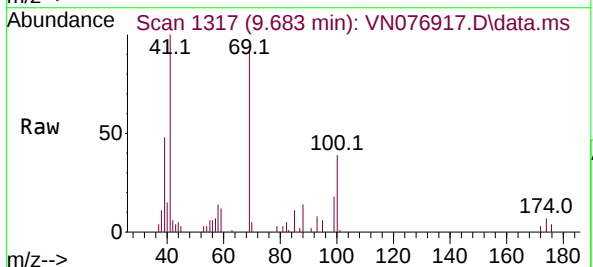
Manual Integrations
APPROVED

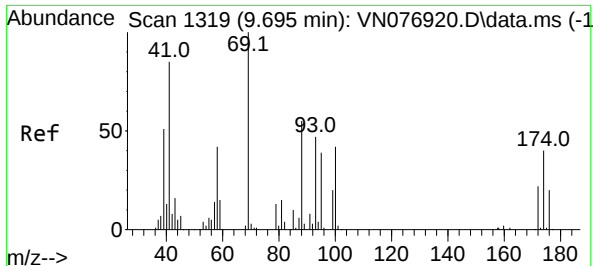
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#48
Methyl methacrylate
Concen: 4.496 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 41 Resp: 23150
Ion Ratio Lower Upper
41 100
69 93.3 92.6 139.0
39 54.9 51.4 77.0





#49

1,4-Dioxane

Concen: 98.141 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 926

Ion Ratio Lower Upper

88 100

43 24.4 15.3 22.9

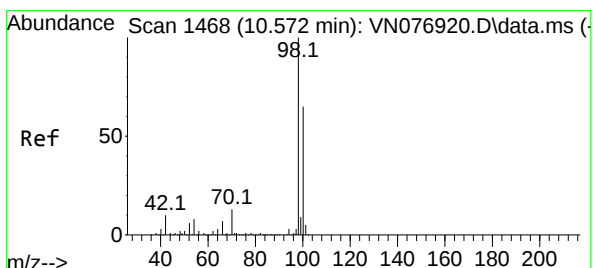
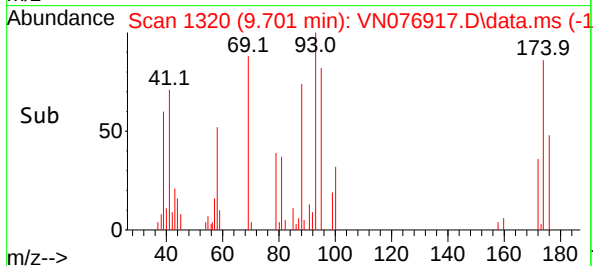
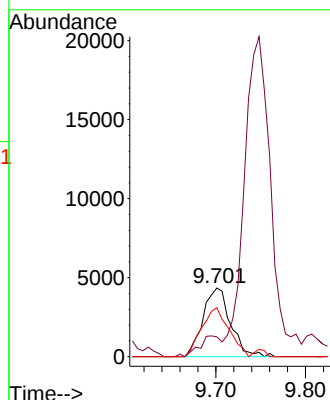
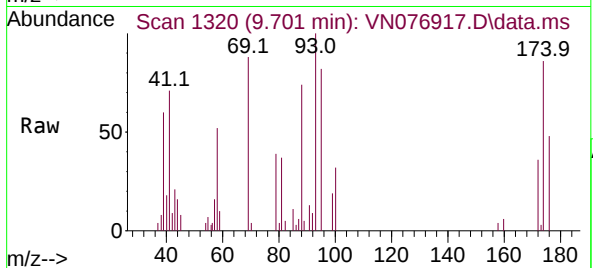
58 70.5 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#50

Toluene-d8

Concen: 5.199 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN076917.D

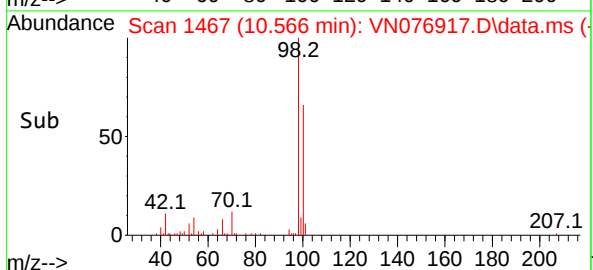
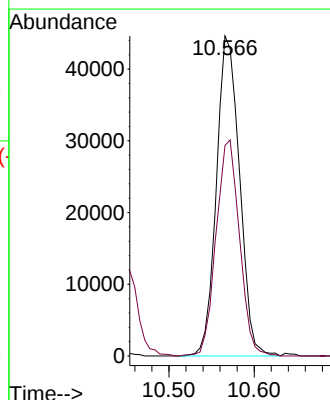
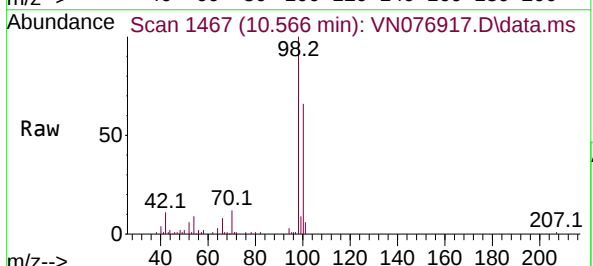
Acq: 10 Mar 2023 11:46

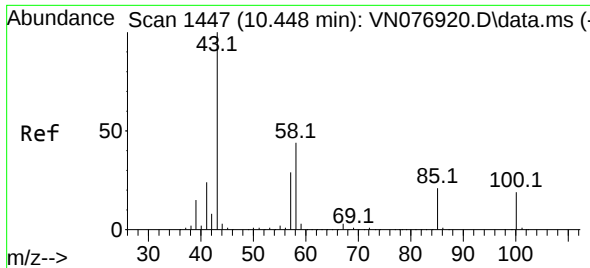
Tgt Ion: 98 Resp: 84050

Ion Ratio Lower Upper

98 100

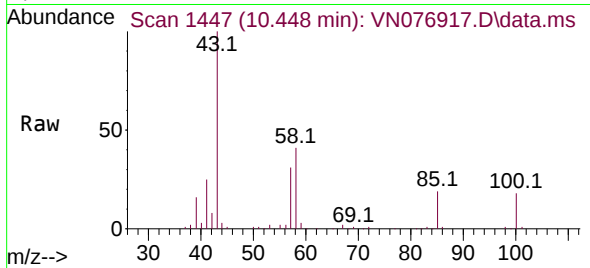
100 68.4 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 21.813 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

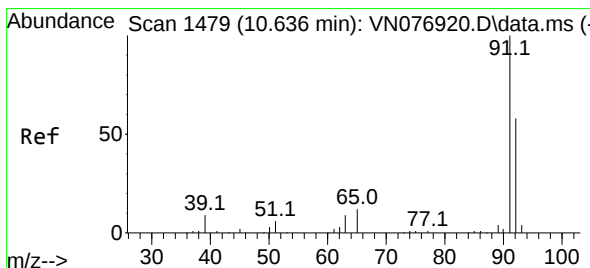
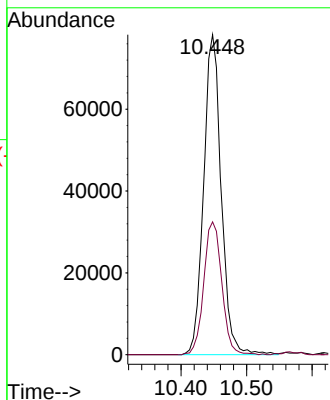
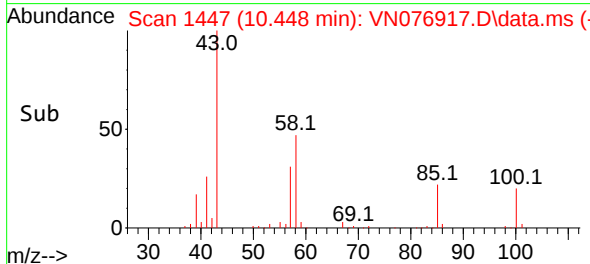
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 14580
Ion Ratio Lower Upper
43 100
58 42.6 37.4 56.0

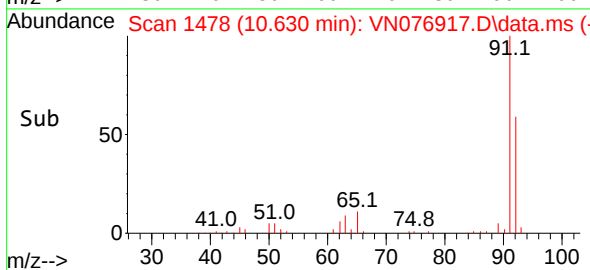
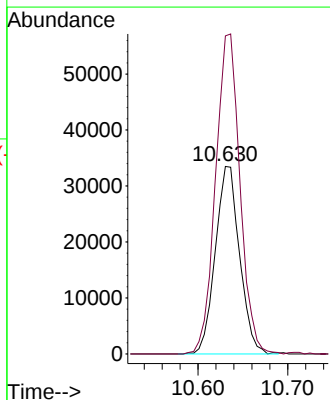
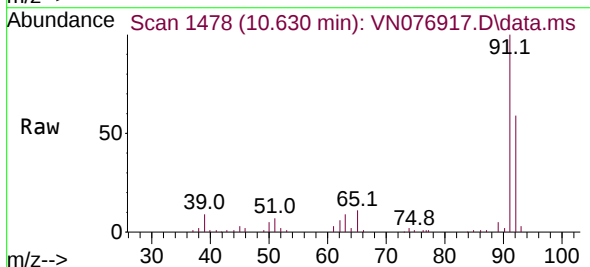
Manual Integrations
APPROVED

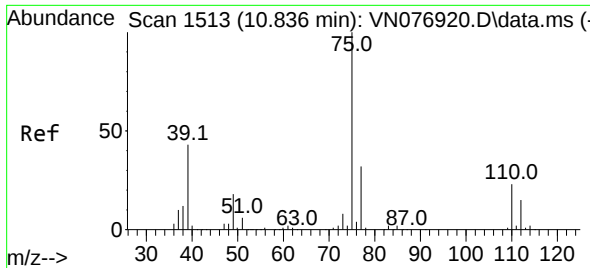
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#52
Toluene
Concen: 5.135 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

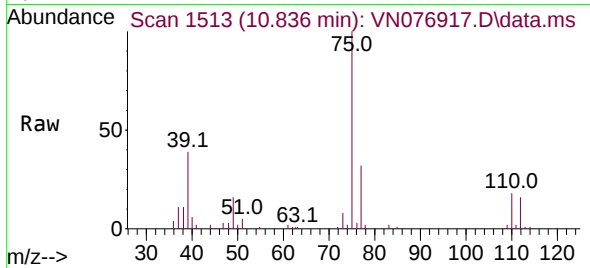
Tgt Ion: 92 Resp: 62818
Ion Ratio Lower Upper
92 100
91 171.9 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 5.306 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

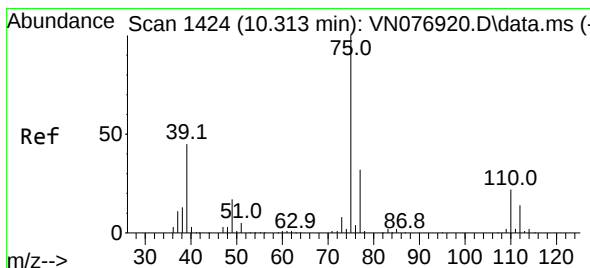
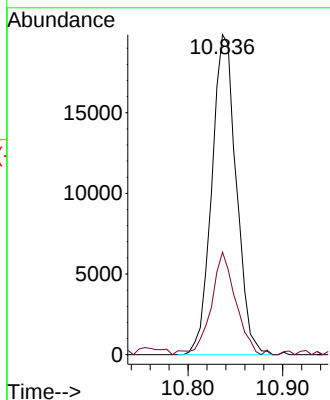
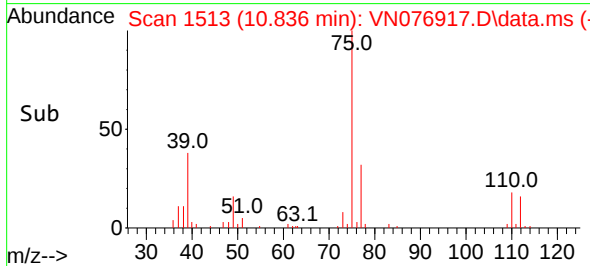
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



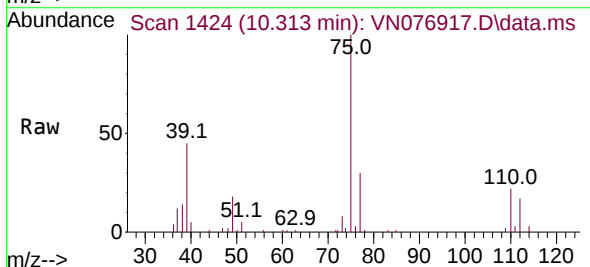
Tgt Ion: 75 Resp: 3565
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6

Manual Integrations
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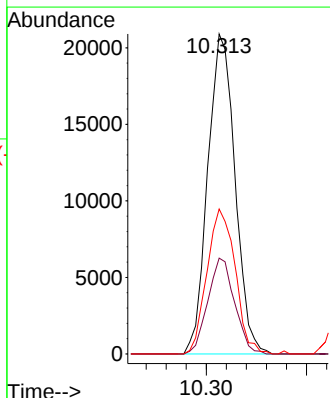
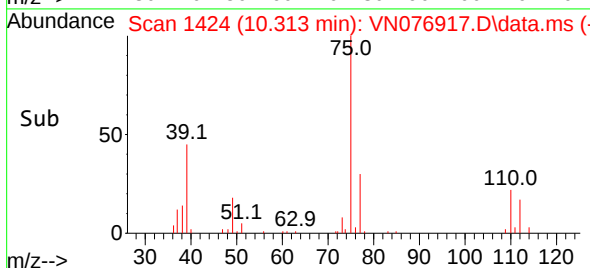
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

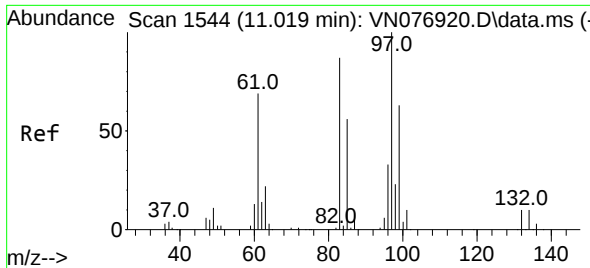


#54
cis-1,3-Dichloropropene
Concen: 5.118 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



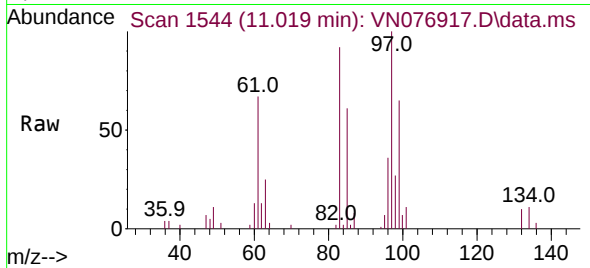
Tgt Ion: 75 Resp: 39502
Ion Ratio Lower Upper
75 100
77 29.9 25.7 38.5
39 45.3 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 5.133 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

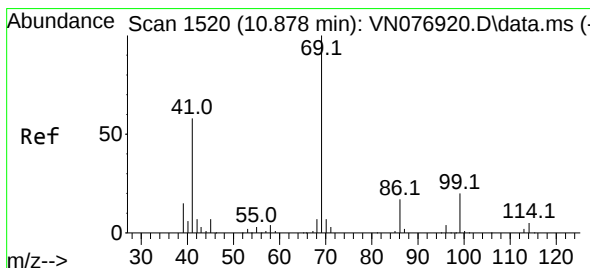
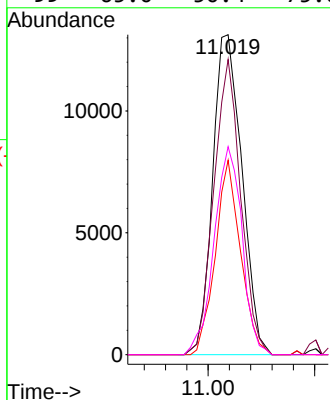
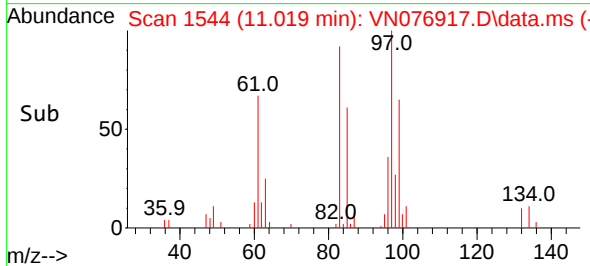
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	2497
Ion Ratio	100	Lower	Upper
97	100		
83	92.3	67.1	100.7
85	60.7	41.8	62.8
99	65.0	50.4	75.6

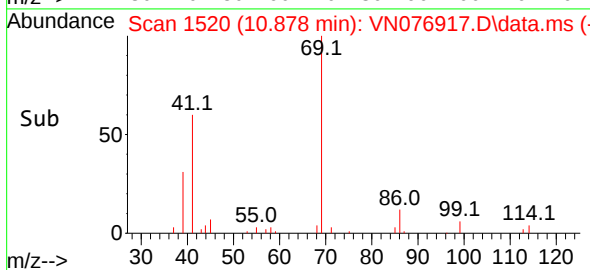
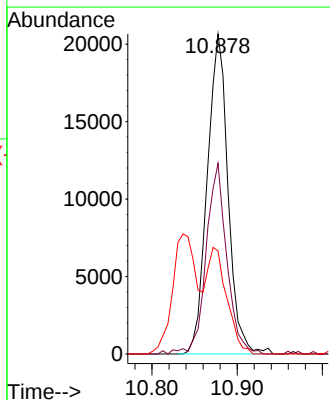
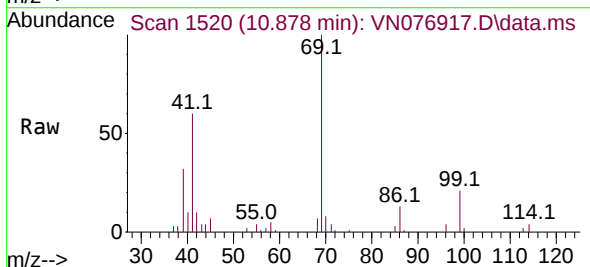
Manual Integrations
APPROVED

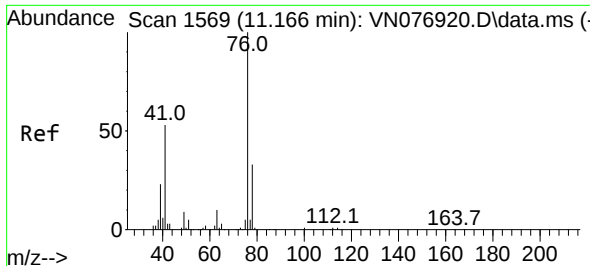
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#56
Ethyl methacrylate
Concen: 4.834 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:	69	Resp:	35048
Ion Ratio	100	Lower	Upper
69	100		
41	59.3	38.0	57.0
39	31.0	22.4	33.6





#57

1,3-Dichloropropane

Concen: 5.150 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 43509

Ion Ratio Lower Upper

76 100

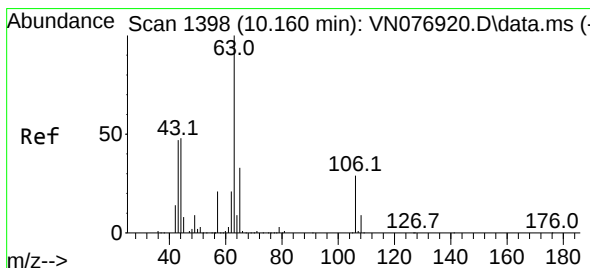
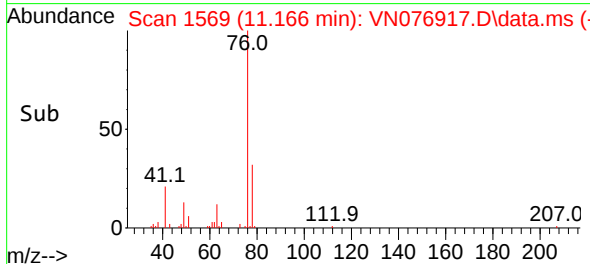
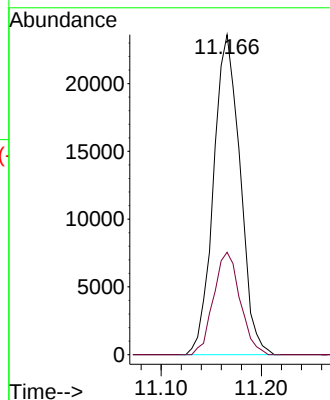
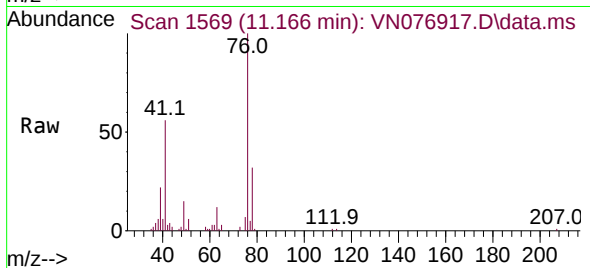
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.767 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.006 min

Lab File: VN076917.D

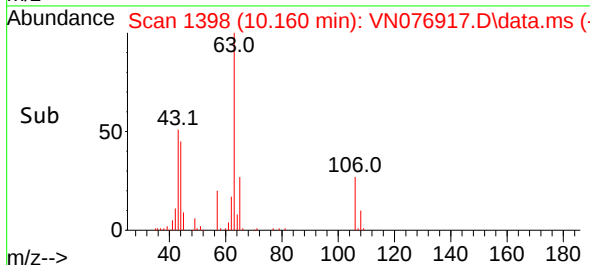
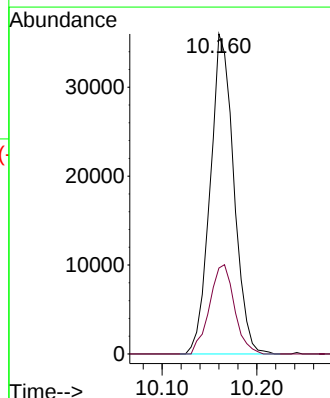
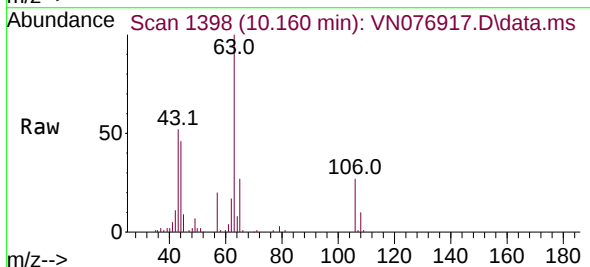
Acq: 10 Mar 2023 11:46

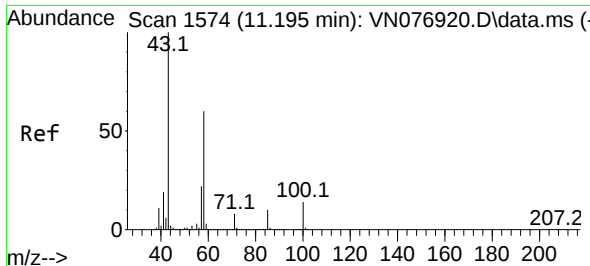
Tgt Ion: 63 Resp: 62218

Ion Ratio Lower Upper

63 100

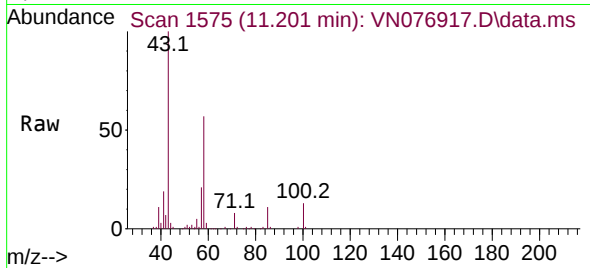
106 29.5 25.6 38.4





#59
2-Hexanone
Concen: 21.891 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

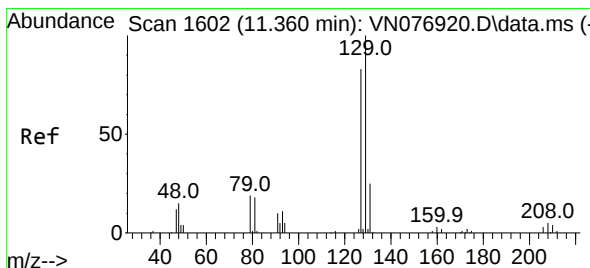
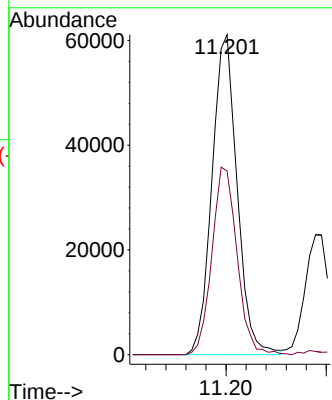
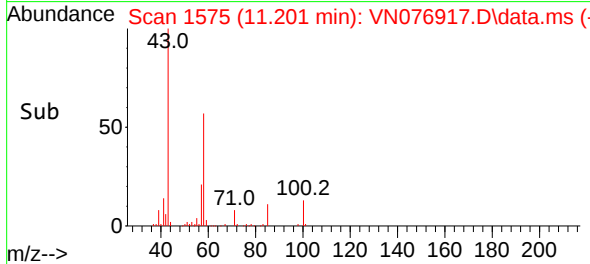
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 106035
Ion Ratio Lower Upper
43 100
58 58.7 32.6 98.0

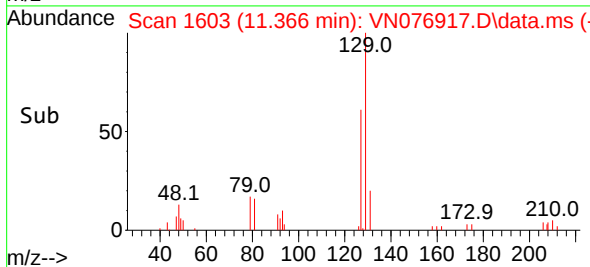
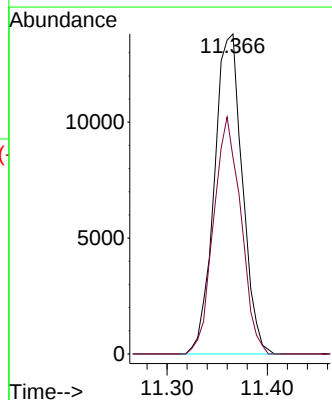
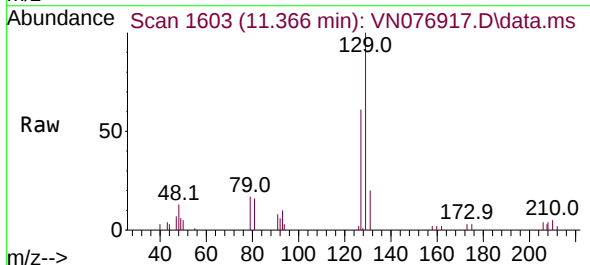
Manual Integrations
APPROVED

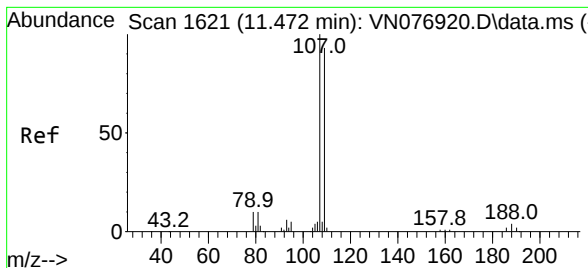
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#60
Dibromochloromethane
Concen: 5.581 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:129 Resp: 26759
Ion Ratio Lower Upper
129 100
127 72.2 39.6 118.8





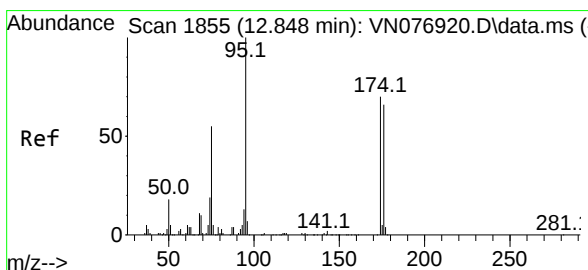
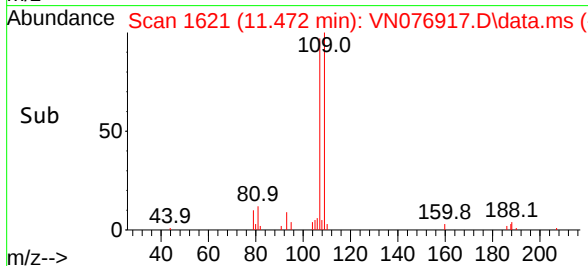
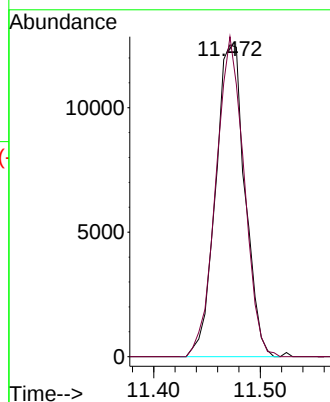
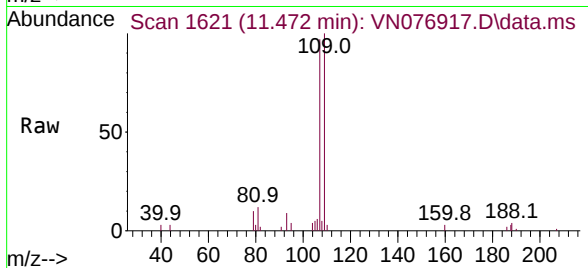
#61
1,2-Dibromoethane
Concen: 5.126 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 2397
Ion Ratio Lower Upper
107 100
109 98.2 75.9 113.9

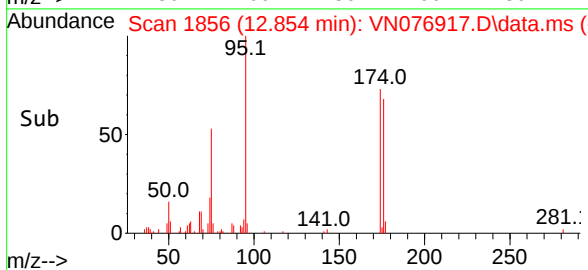
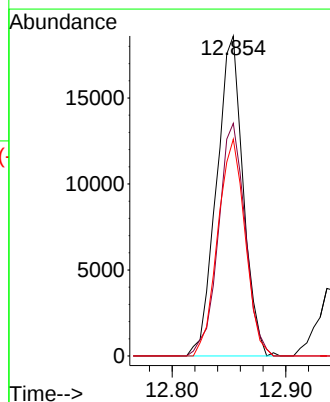
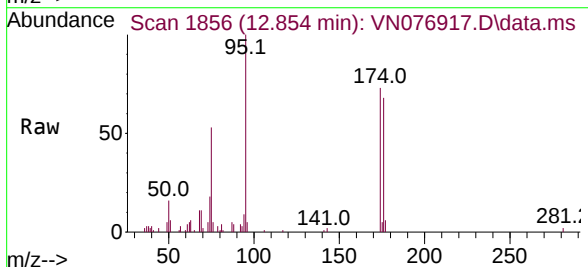
Manual Integrations
APPROVED

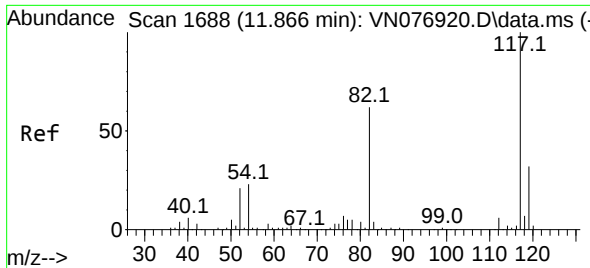
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#62
4-Bromofluorobenzene
Concen: 5.396 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

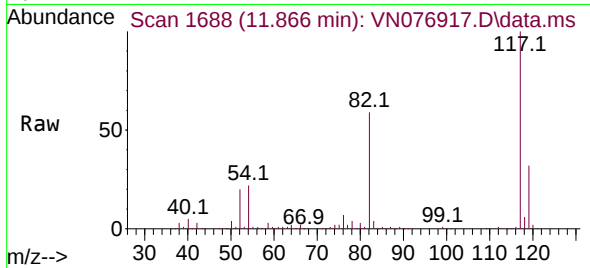
Tgt Ion: 95 Resp: 30229
Ion Ratio Lower Upper
95 100
174 73.4 0.0 162.4
176 69.7 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

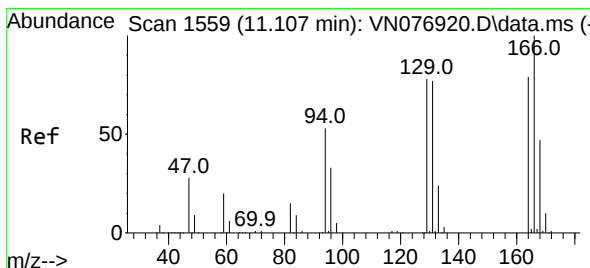
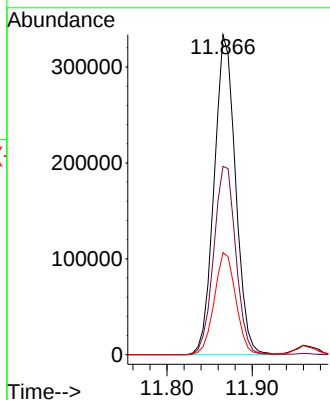
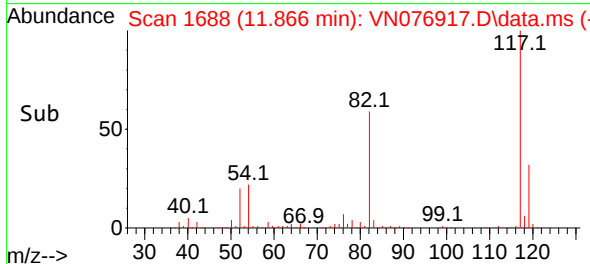
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 581100
Ion Ratio Lower Upper
117 100
82 58.8 43.5 65.3
119 31.9 25.5 38.3

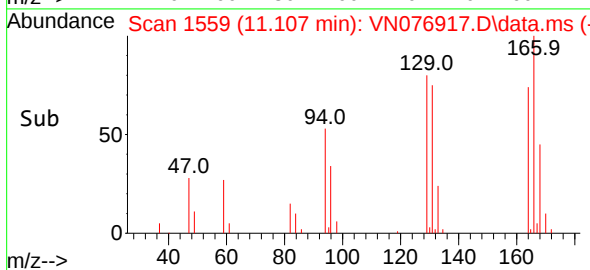
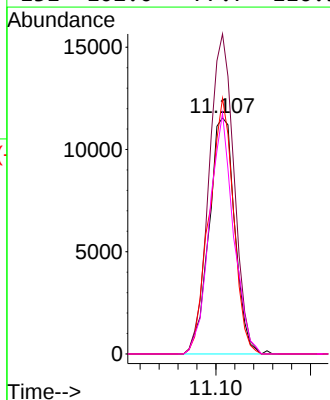
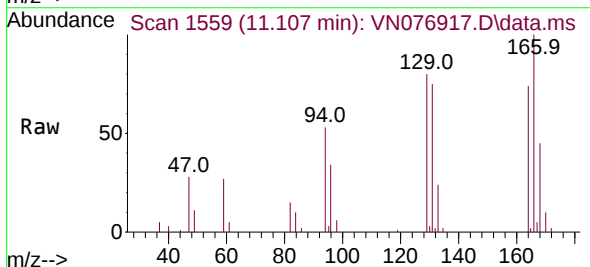
Manual Integrations
APPROVED

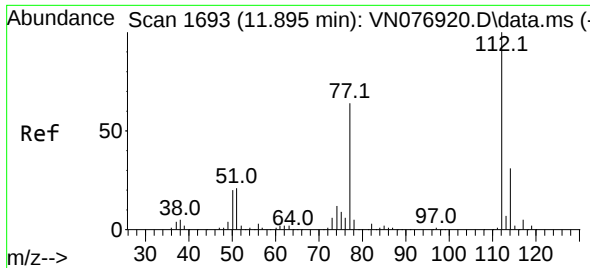
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#64
Tetrachloroethene
Concen: 5.042 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:164 Resp: 21805
Ion Ratio Lower Upper
164 100
166 135.5 102.7 154.1
129 108.3 81.5 122.3
131 102.0 77.7 116.5





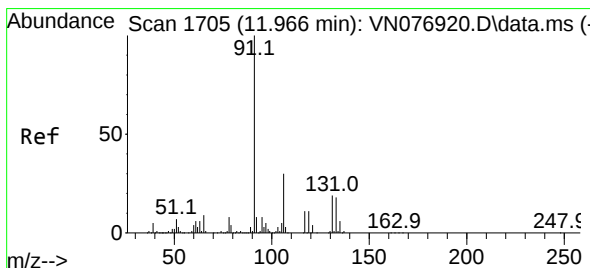
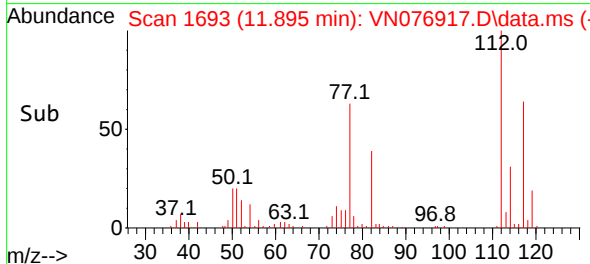
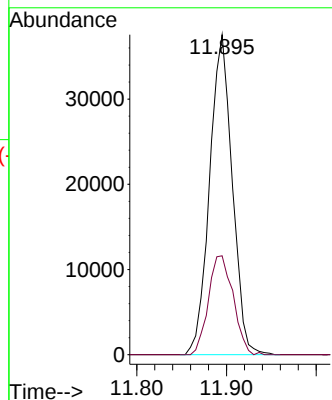
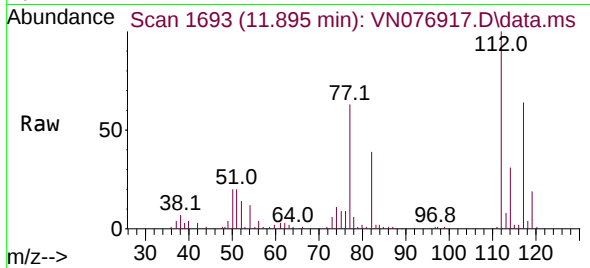
#65
Chlorobenzene
Concen: 5.234 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 6572
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8

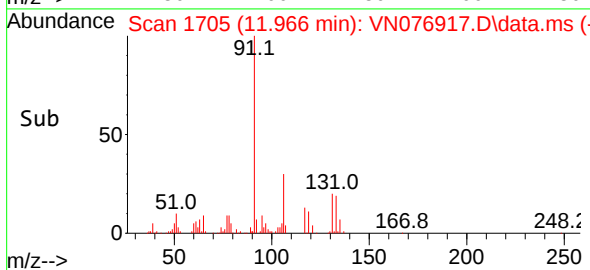
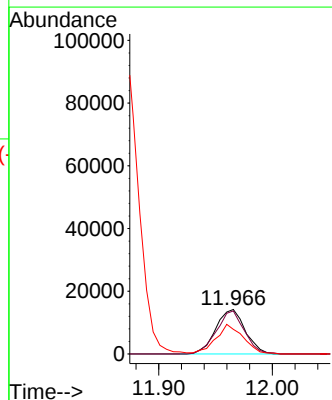
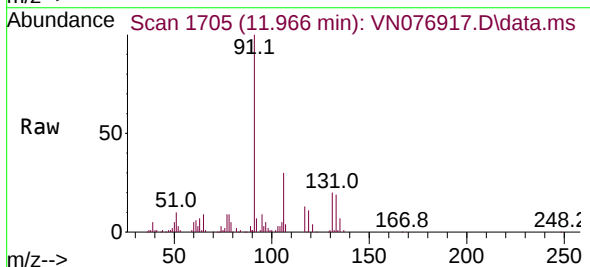
Manual Integrations
APPROVED

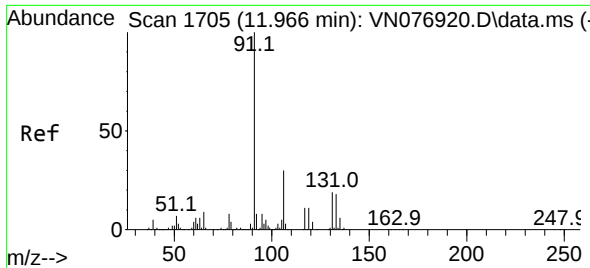
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 5.624 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

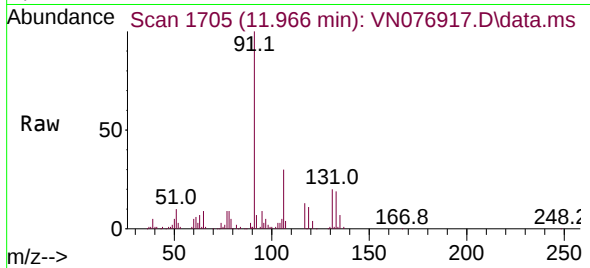
Tgt Ion:131 Resp: 25549
Ion Ratio Lower Upper
131 100
133 91.9 47.9 143.8
119 62.1 33.1 99.2





#67
Ethyl Benzene
Concen: 5.119 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

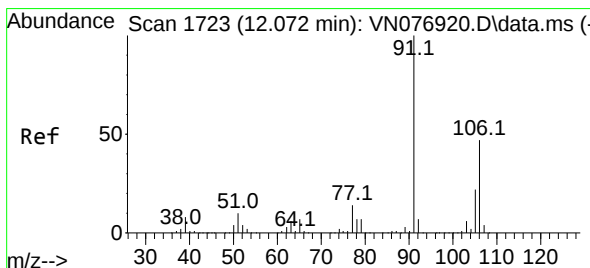
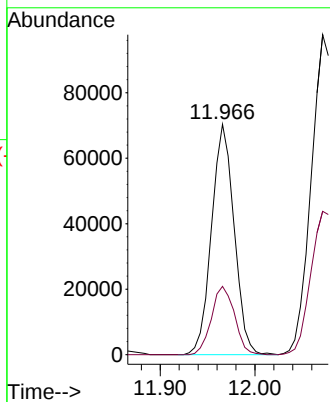
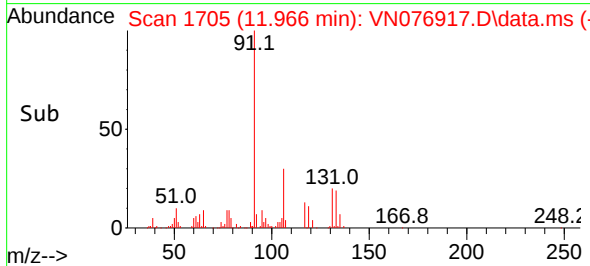
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



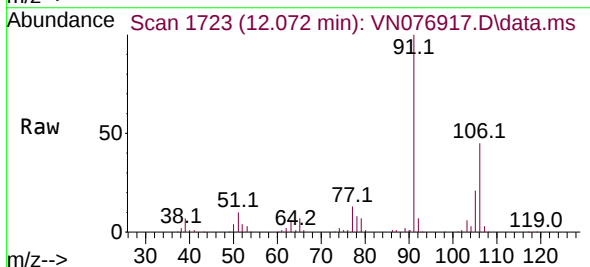
Tgt Ion: 91 Resp: 116738
Ion Ratio Lower Upper
91 100
106 29.7 25.1 37.7

Manual Integrations
APPROVED

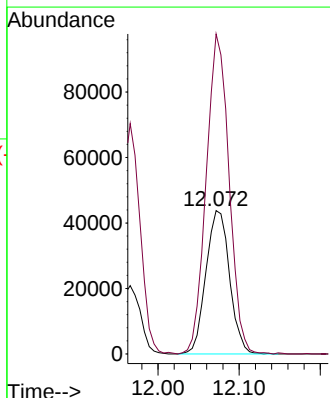
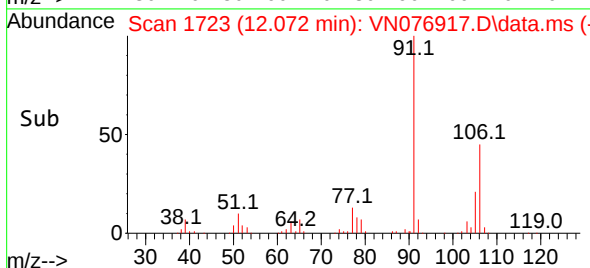
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

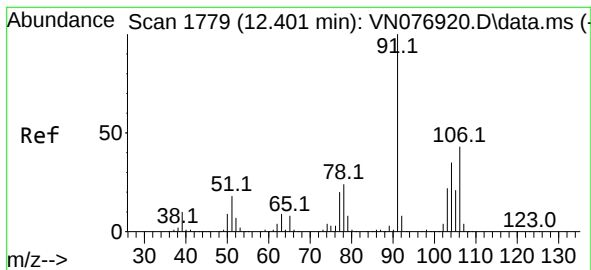


#68
m/p-Xylenes
Concen: 10.332 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



Tgt Ion:106 Resp: 88636
Ion Ratio Lower Upper
106 100
91 215.6 158.0 237.0





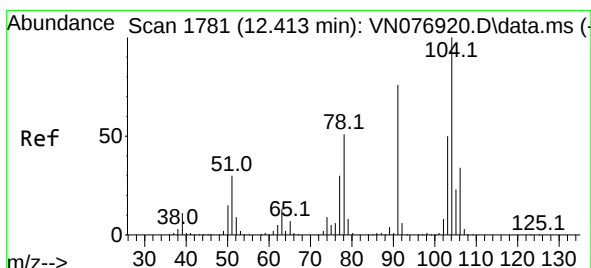
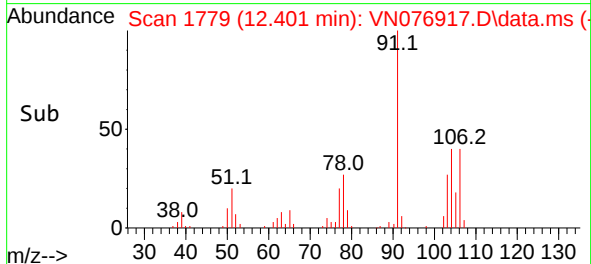
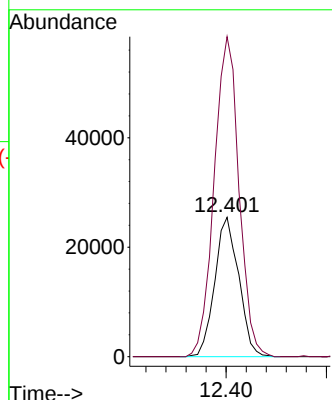
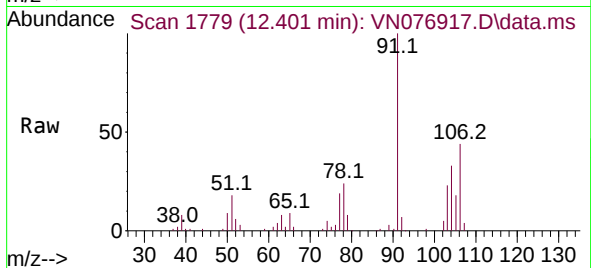
#69
o-Xylene
Concen: 5.007 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 42298
Ion Ratio Lower Upper
106 100
91 237.8 101.8 305.4

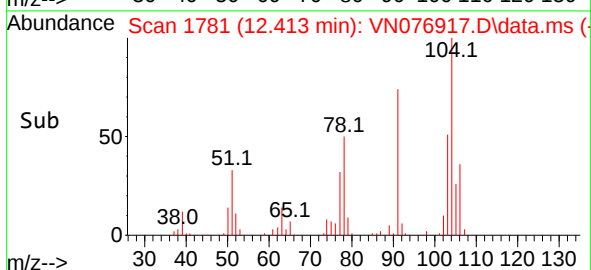
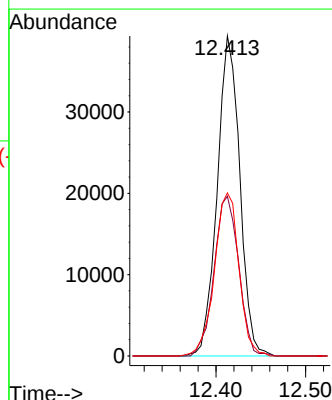
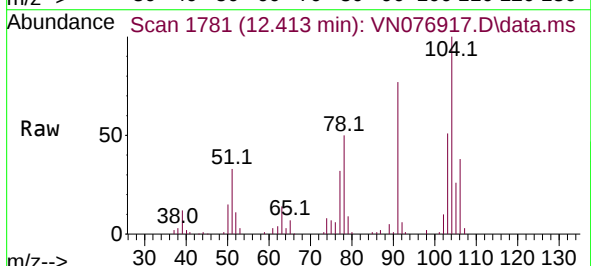
Manual Integrations
APPROVED

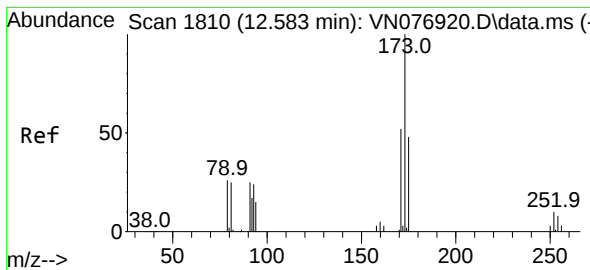
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#70
Styrene
Concen: 5.200 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:104 Resp: 68884
Ion Ratio Lower Upper
104 100
78 54.2 36.6 55.0
103 55.1 43.4 65.0





#71

Bromoform

Concen: 5.659 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:173 Resp: 17499

Ion Ratio Lower Upper

173 100

175 51.2 24.9 74.6

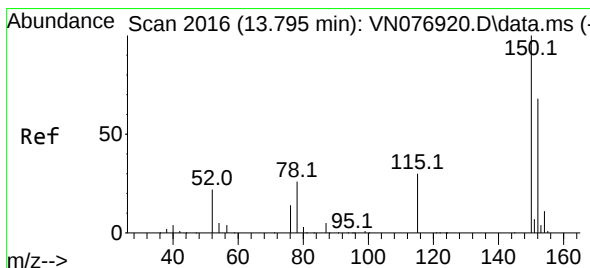
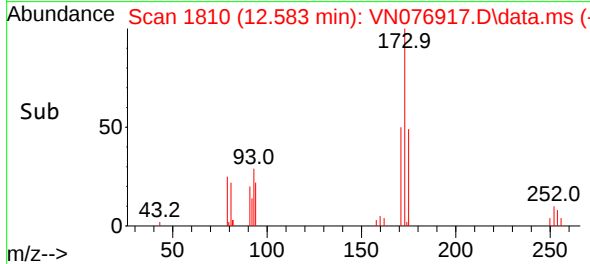
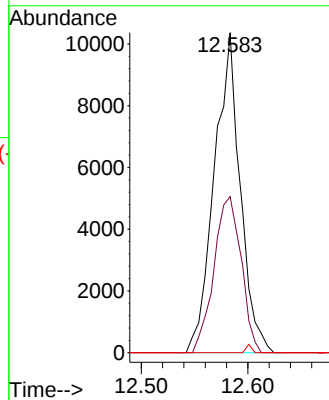
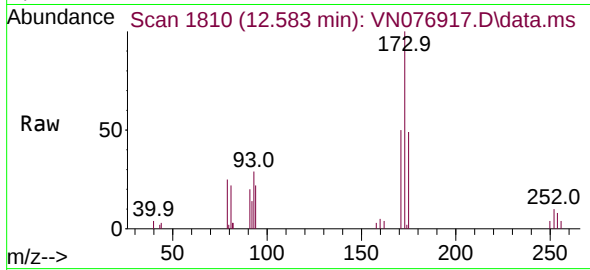
254 0.5 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

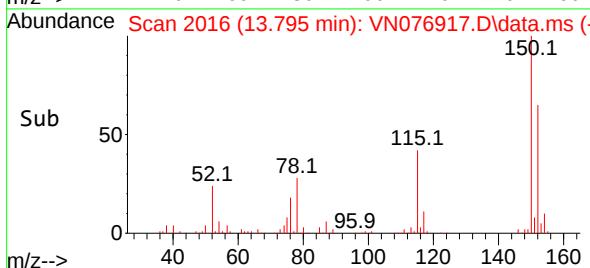
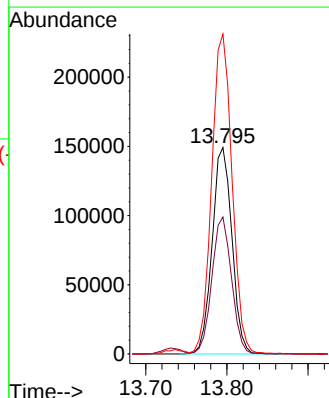
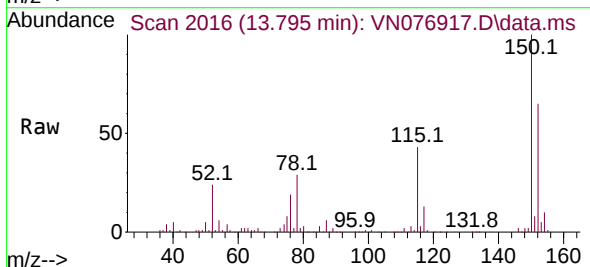
Tgt Ion:152 Resp: 252192

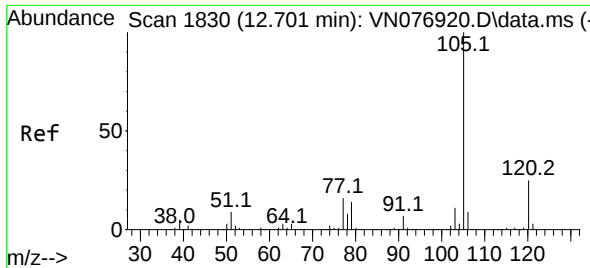
Ion Ratio Lower Upper

152 100

115 65.9 30.3 90.9

150 159.5 0.0 353.6





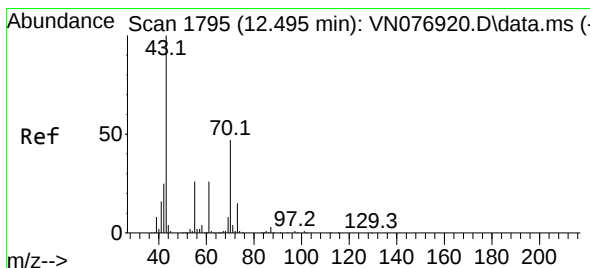
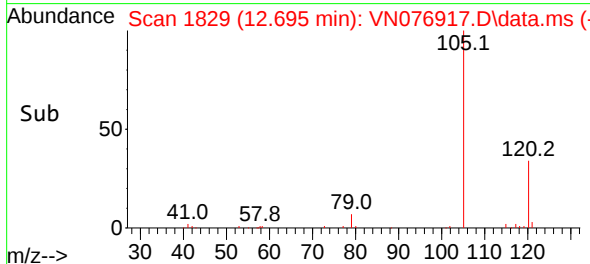
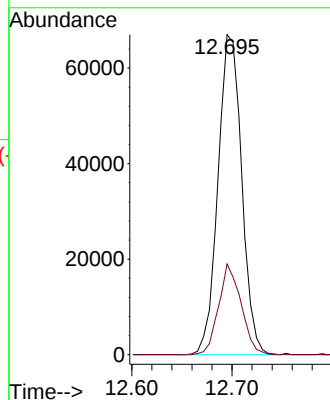
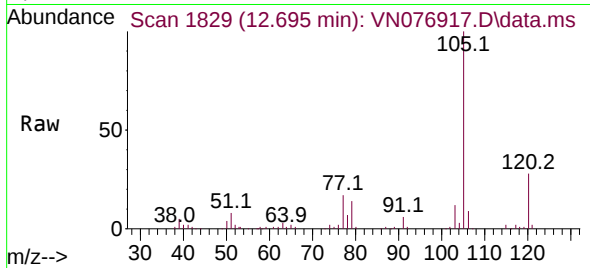
#73
Isopropylbenzene
Concen: 5.012 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 11017
Ion Ratio Lower Upper
105 100
120 26.7 13.8 41.4

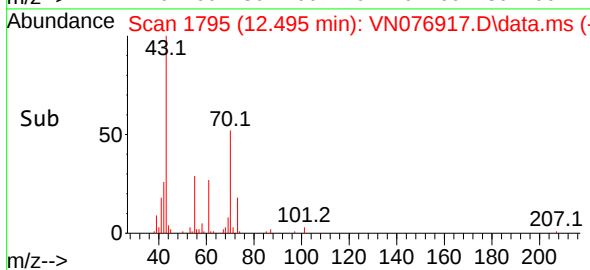
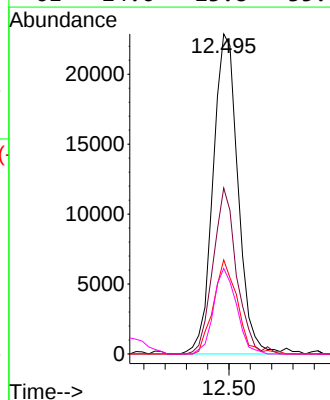
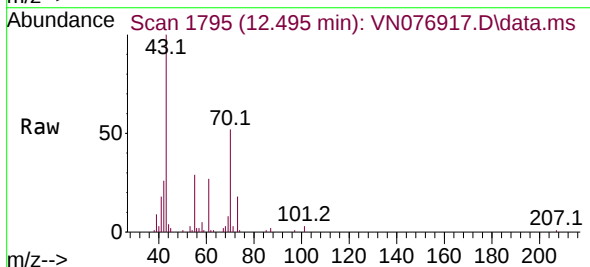
Manual Integrations
APPROVED

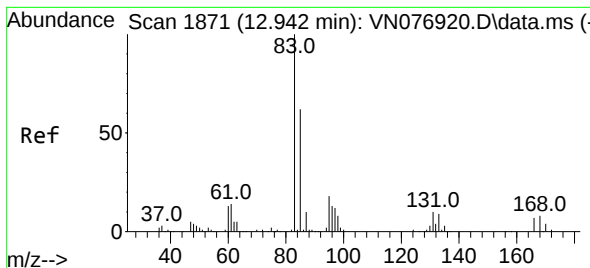
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#74
N-ethyl acetate
Concen: 4.330 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 43 Resp: 37228
Ion Ratio Lower Upper
43 100
70 49.2 46.8 70.2
55 28.3 23.4 35.2
61 24.6 23.8 35.8





#75

1,1,2,2-Tetrachloroethane

Concen: 4.992 ug/l

RT: 12.936 min Scan# 1870

Delta R.T. -0.006 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 35170

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

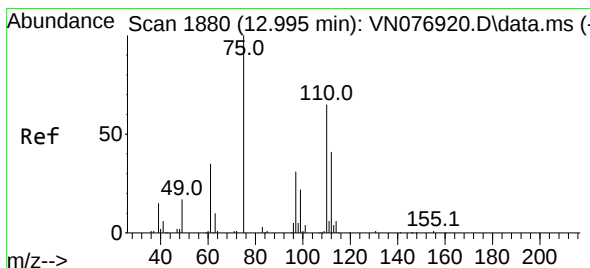
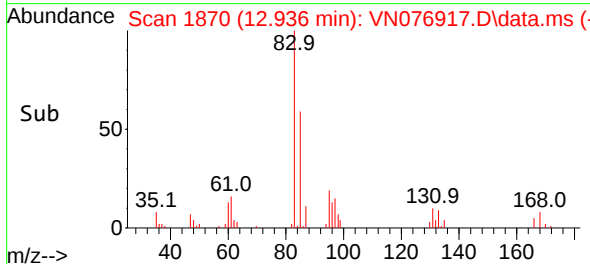
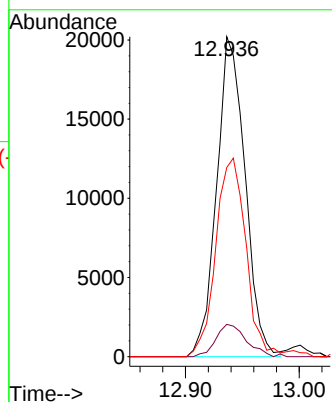
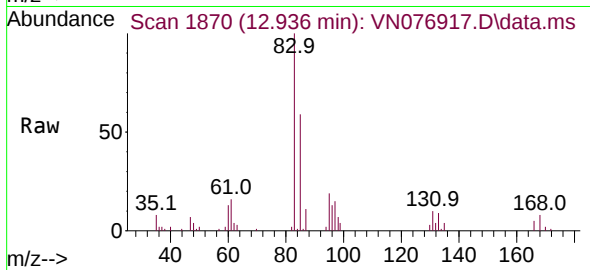
85 65.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#76

1,2,3-Trichloropropane

Concen: 5.035 ug/l m

RT: 13.001 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN076917.D

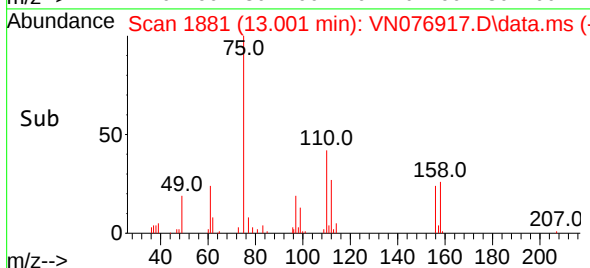
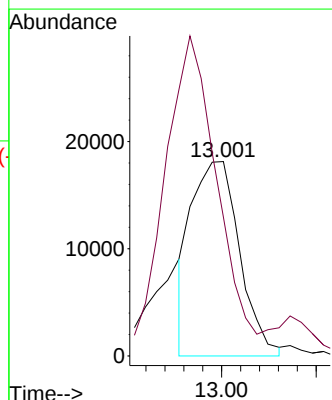
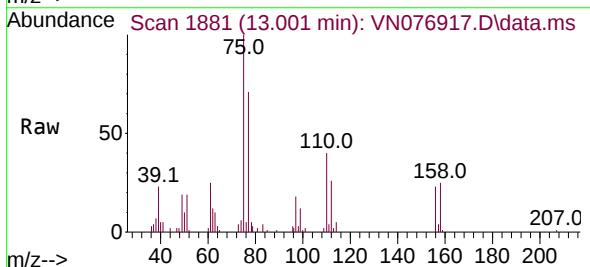
Acq: 10 Mar 2023 11:46

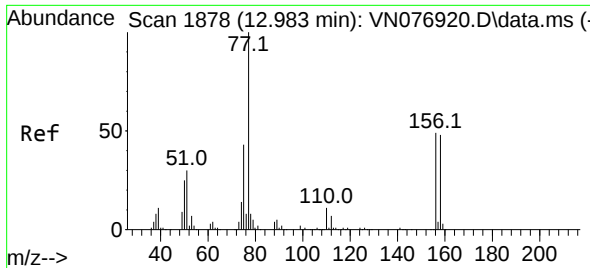
Tgt Ion: 75 Resp: 32024

Ion Ratio Lower Upper

75 100

77 179.8 93.8 281.4





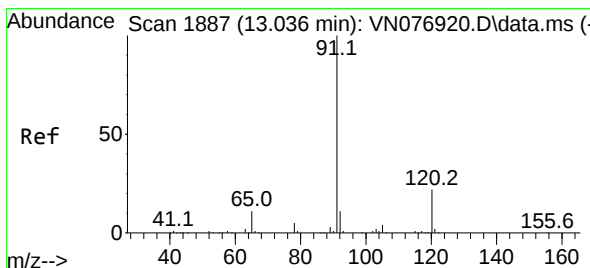
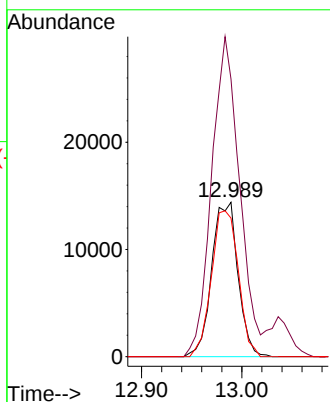
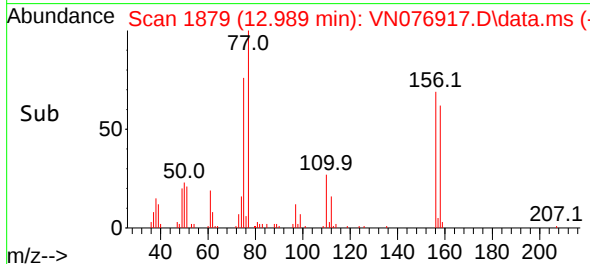
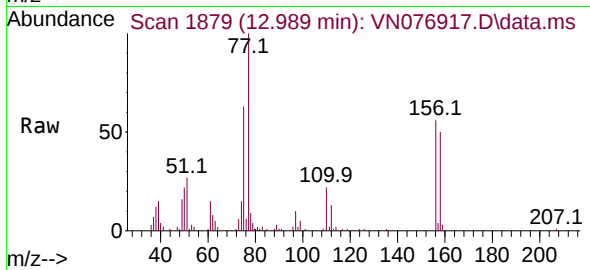
#77
Bromobenzene
Concen: 5.373 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 2613
Ion Ratio Lower Upper
156 100
77 220.2 101.3 303.7
158 97.0 48.9 146.7

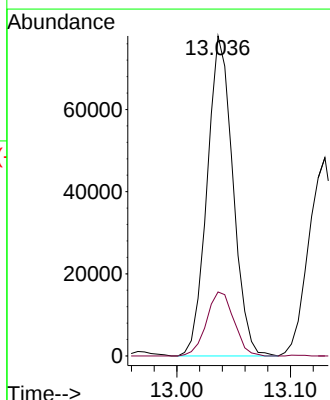
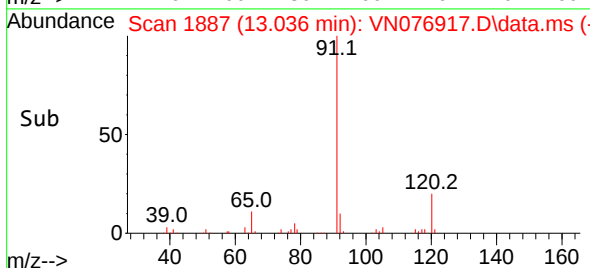
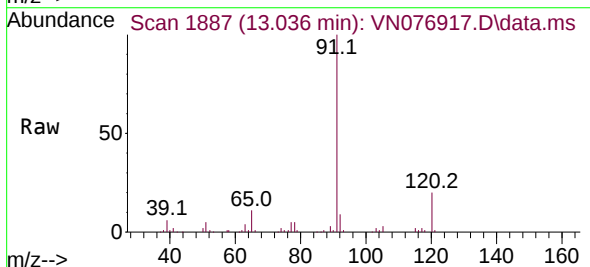
Manual Integrations
APPROVED

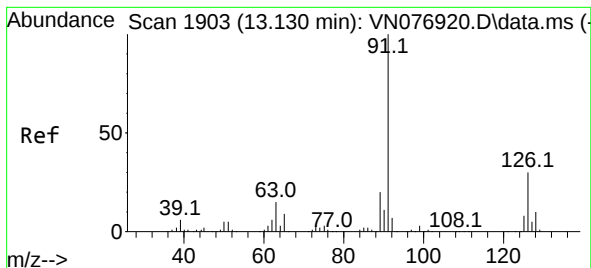
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#78
n-propylbenzene
Concen: 4.902 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 91 Resp: 122884
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.7





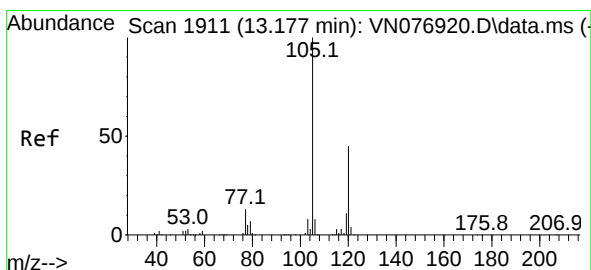
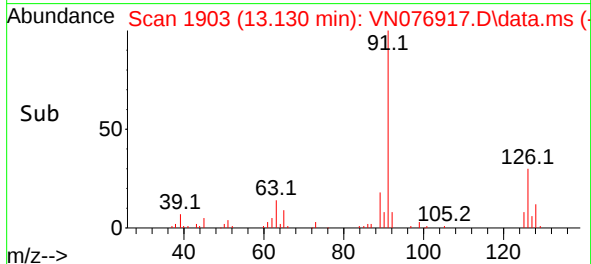
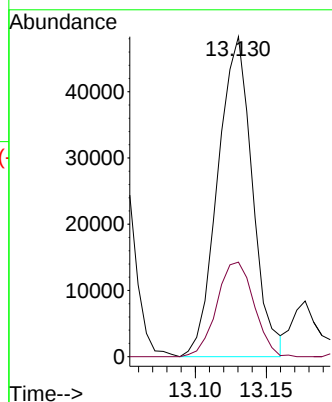
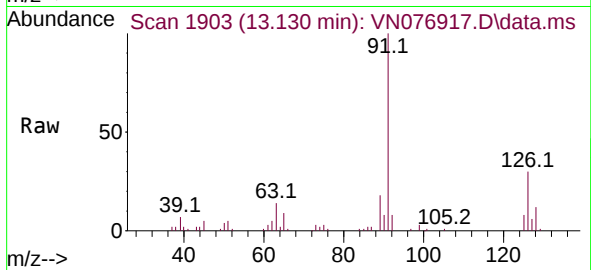
#79
2-Chlorotoluene
Concen: 5.087 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 81800
Ion Ratio Lower Upper
91 100
126 31.8 17.7 53.1

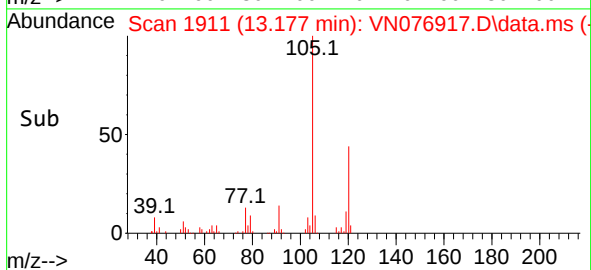
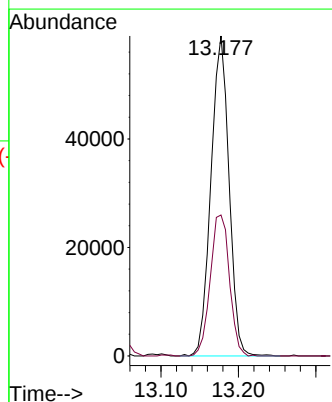
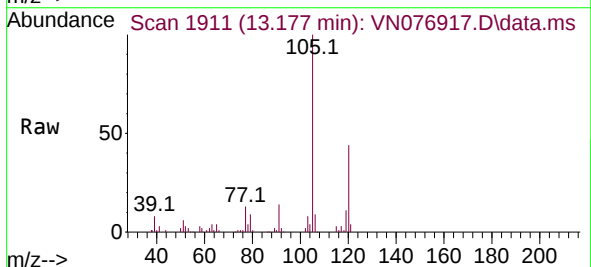
Manual Integrations
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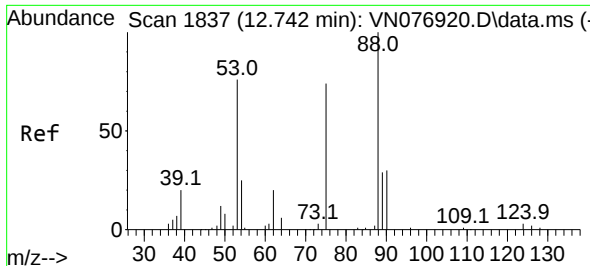
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.189 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:105 Resp: 95600
Ion Ratio Lower Upper
105 100
120 46.8 25.2 75.6





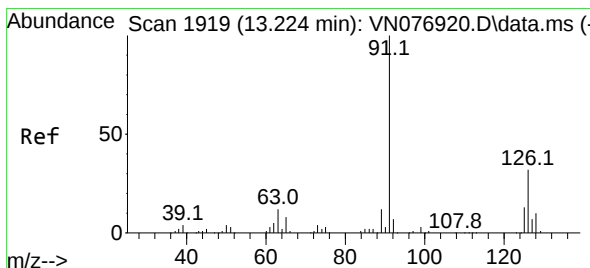
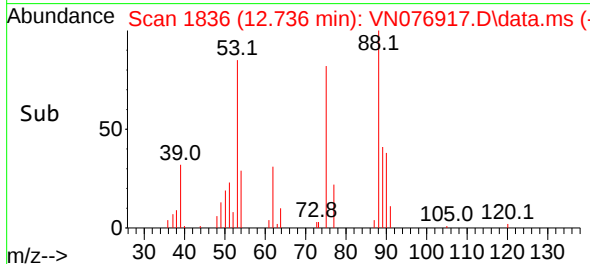
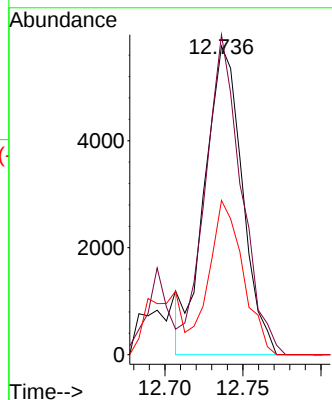
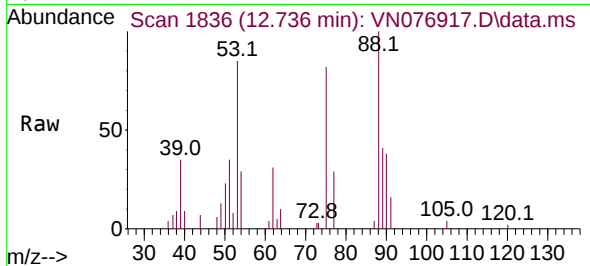
#81
trans-1,4-Dichloro-2-butene
Concen: 4.991 ug/l m
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 9620
Ion Ratio Lower Upper
75 100
53 99.7 67.4 101.0
89 45.4 39.5 59.3

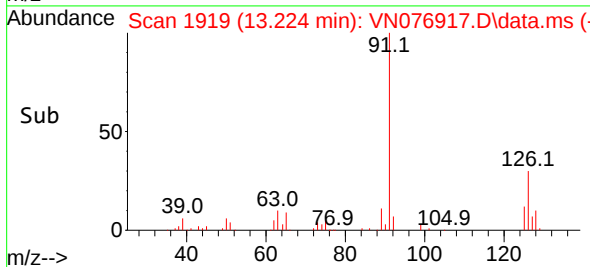
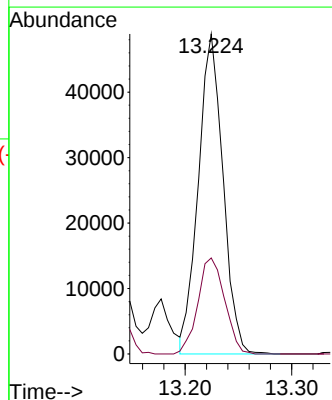
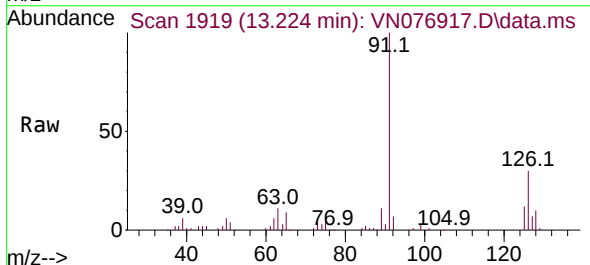
Manual Integrations
APPROVED

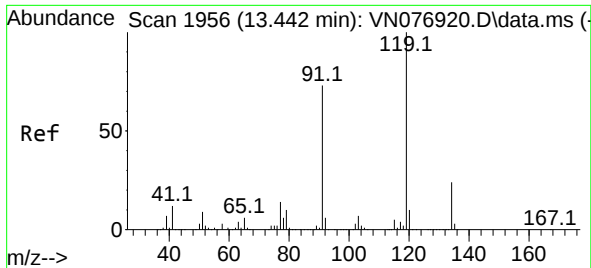
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 5.162 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion: 91 Resp: 78691
Ion Ratio Lower Upper
91 100
126 32.5 18.0 54.0





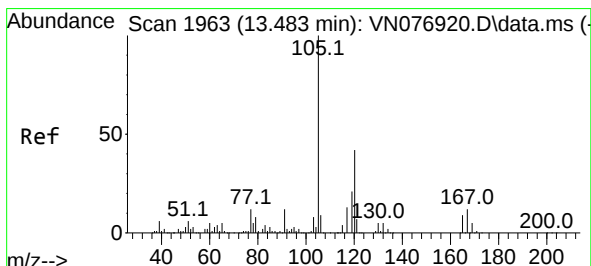
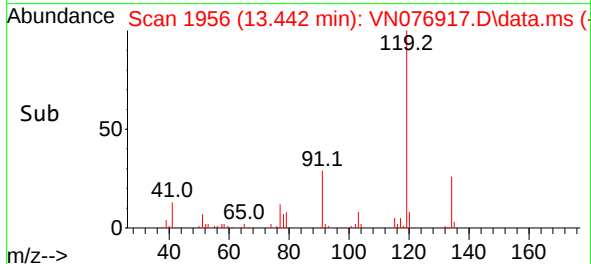
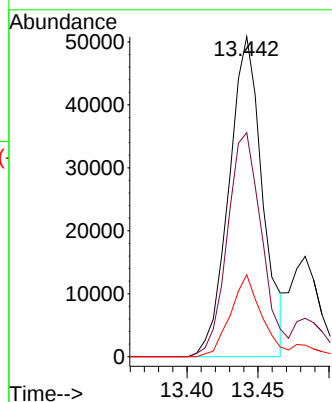
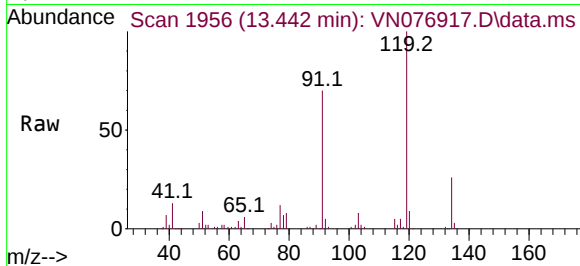
#83
tert-Butylbenzene
Concen: 5.312 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 8364
Ion Ratio Lower Upper
119 100
91 72.0 31.9 95.5
134 23.7 13.8 41.4

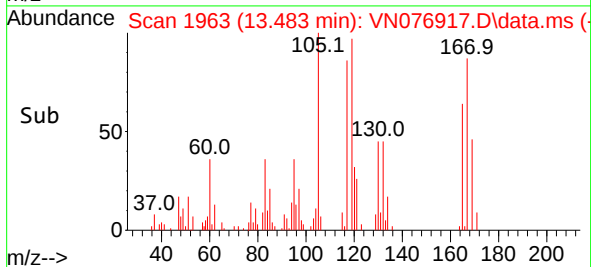
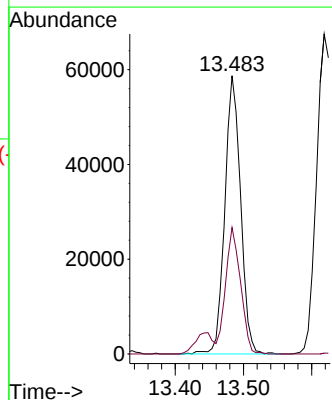
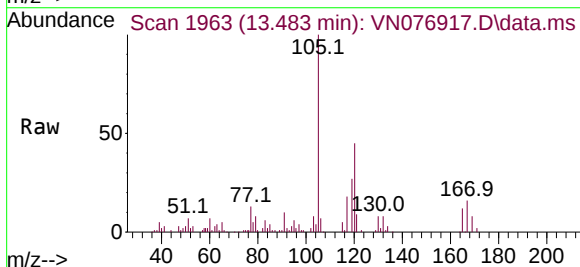
Manual Integrations
APPROVED

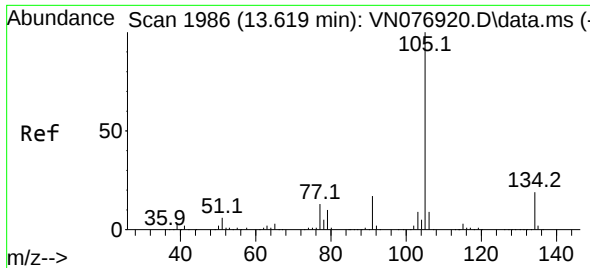
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 5.206 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:105 Resp: 94621
Ion Ratio Lower Upper
105 100
120 43.2 23.6 70.8





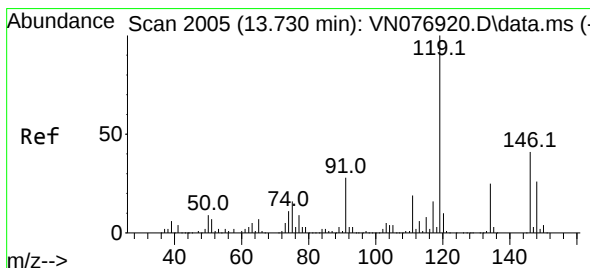
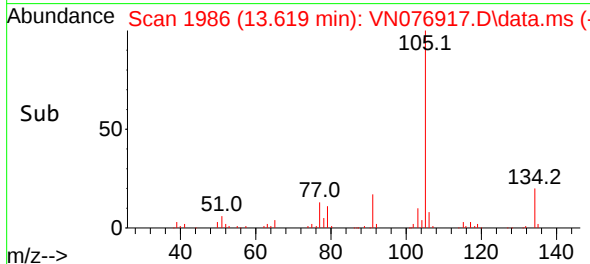
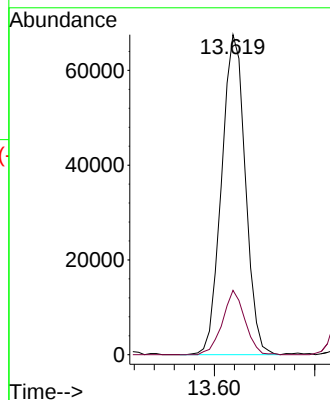
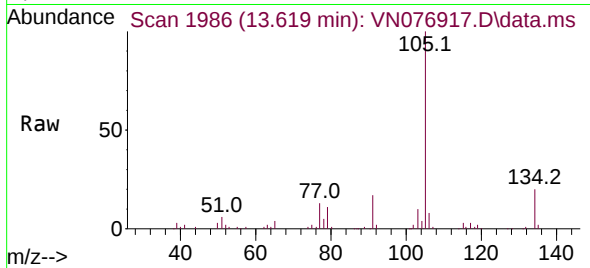
#85
 sec-Butylbenzene
 Concen: 5.048 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN076917.D
 Acq: 10 Mar 2023 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 11097
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.2

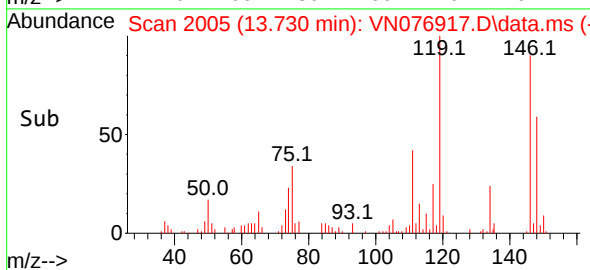
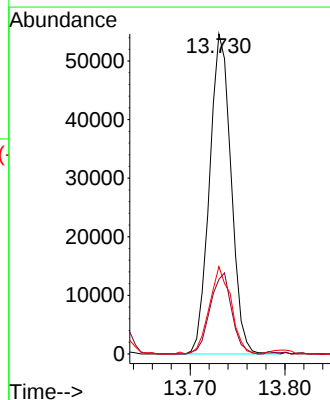
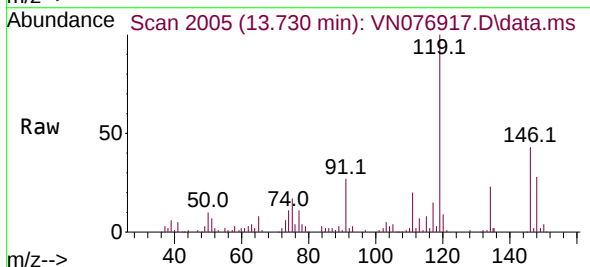
Manual Integrations
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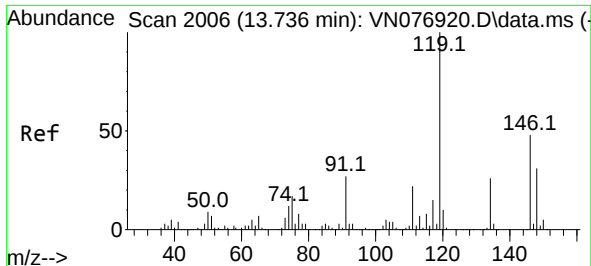
Reviewed By :John Carbone 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 4.906 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076917.D
 Acq: 10 Mar 2023 11:46

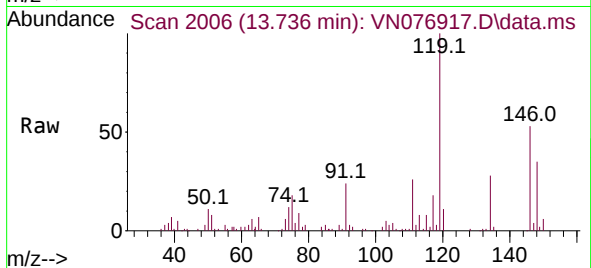
Tgt Ion:119 Resp: 86265
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.5 40.5
 91 27.6 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 5.126 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

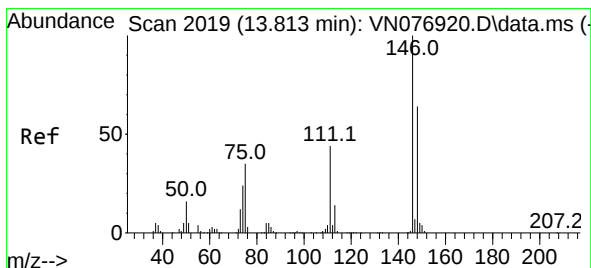
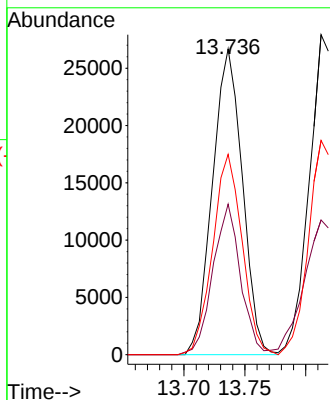
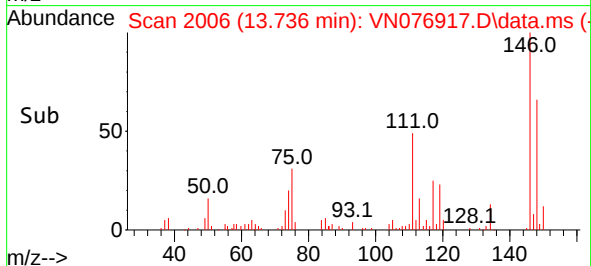
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:146 Resp: 4553
Ion Ratio Lower Upper
146 100
111 45.3 20.4 61.2
148 64.5 31.5 94.5

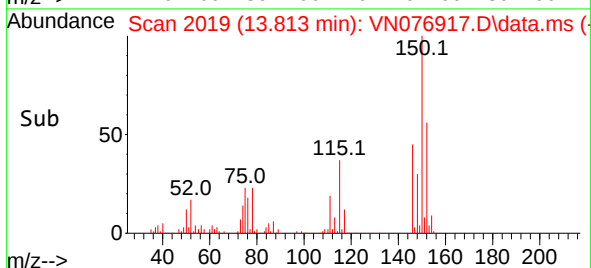
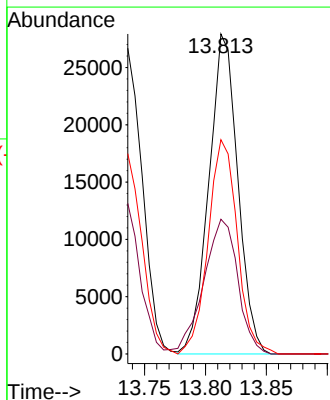
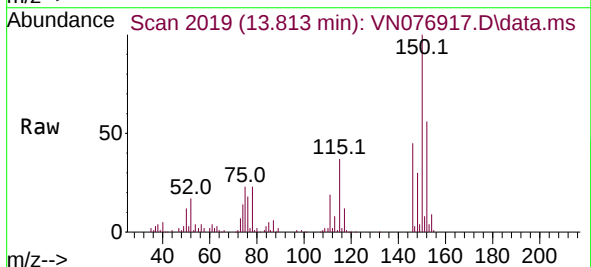
Manual Integrations
APPROVED

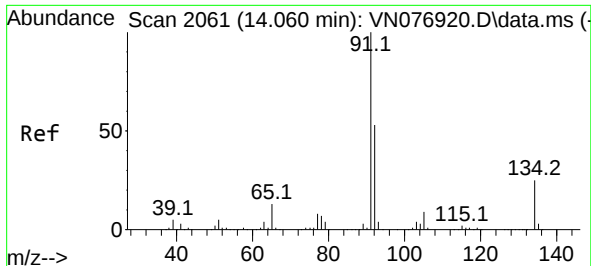
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#88
1,4-Dichlorobenzene
Concen: 5.121 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:146 Resp: 46190
Ion Ratio Lower Upper
146 100
111 49.8 20.0 60.0
148 67.4 31.8 95.4





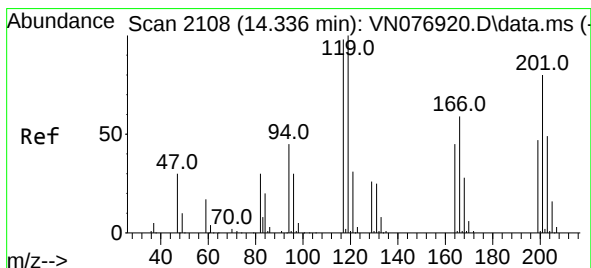
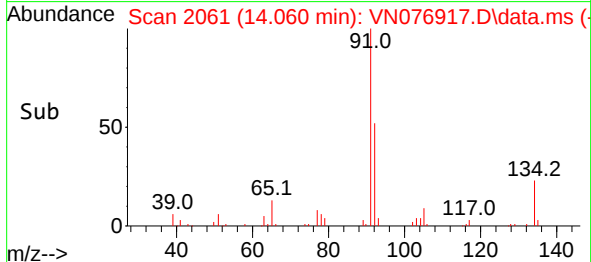
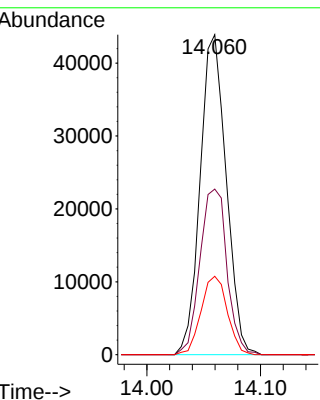
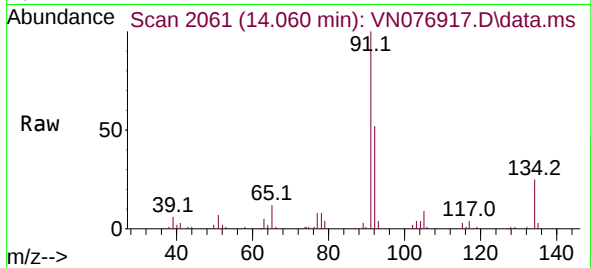
#89
n-Butylbenzene
Concen: 4.598 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 6984
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.7
134 24.7 13.6 40.7

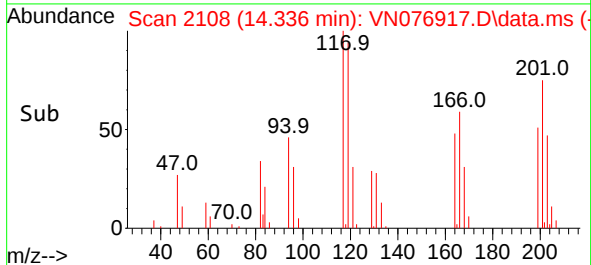
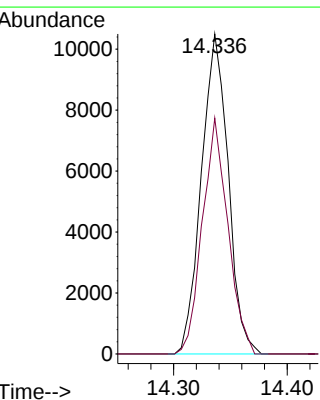
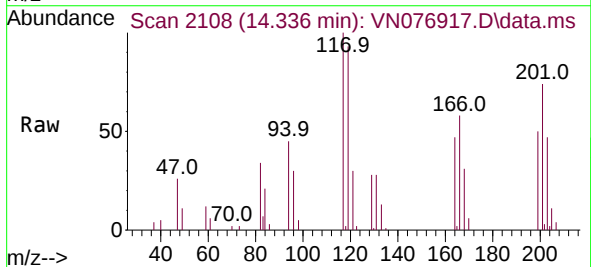
Manual Integrations
APPROVED

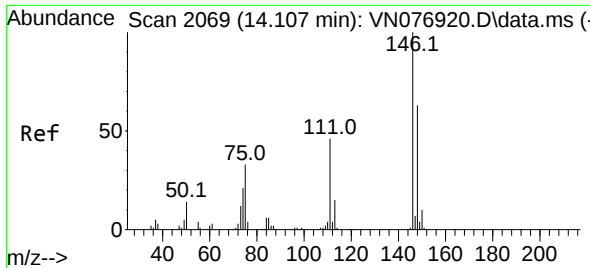
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 5.420 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Tgt Ion:117 Resp: 17216
Ion Ratio Lower Upper
117 100
201 70.4 31.9 95.7





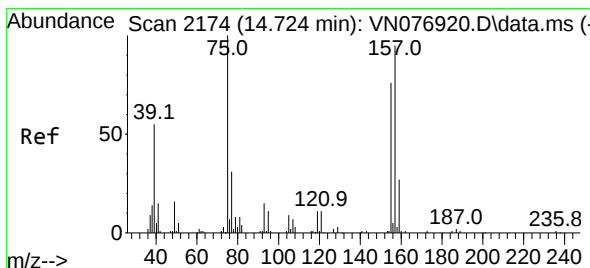
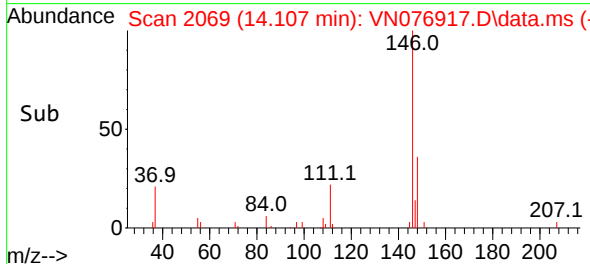
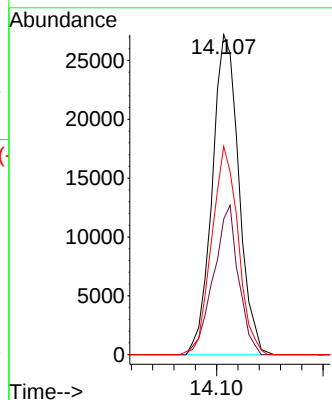
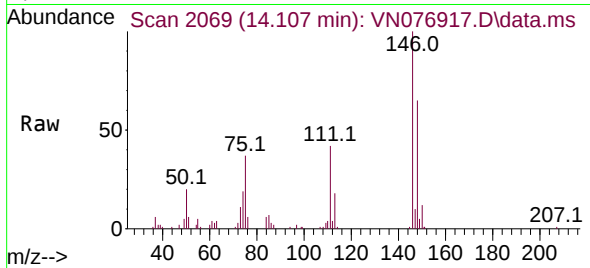
#91
1,2-Dichlorobenzene
Concen: 5.237 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 4712
Ion Ratio Lower Upper
146 100
111 43.7 21.4 64.2
148 64.3 32.0 96.0

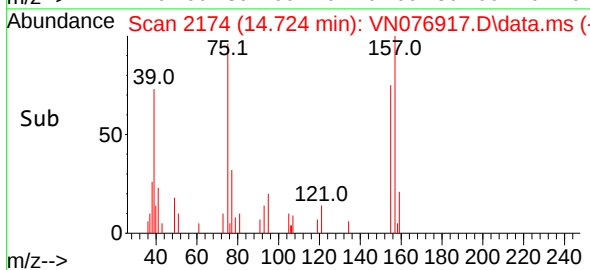
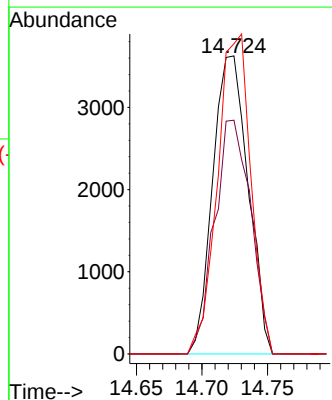
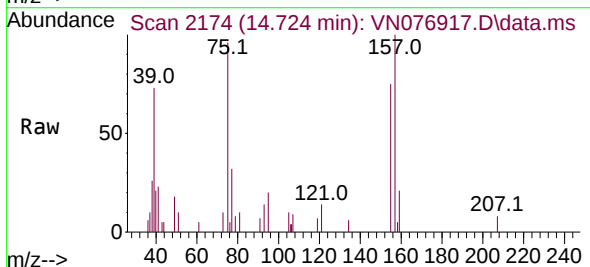
Manual Integrations
APPROVED

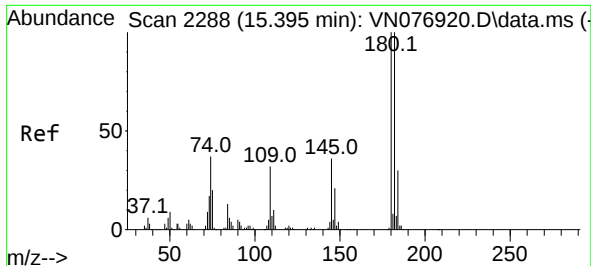
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.113 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

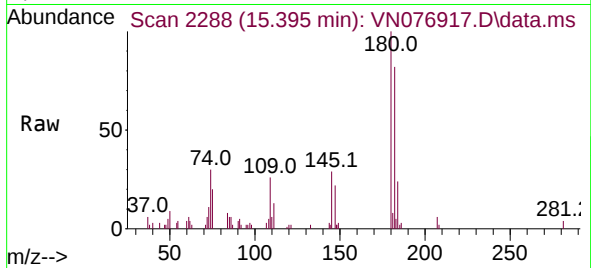
Tgt Ion: 75 Resp: 6826
Ion Ratio Lower Upper
75 100
155 79.9 44.3 132.8
157 100.8 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 5.357 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46

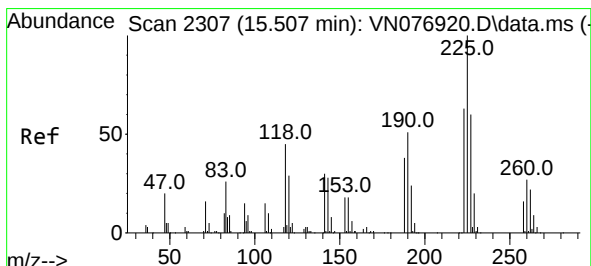
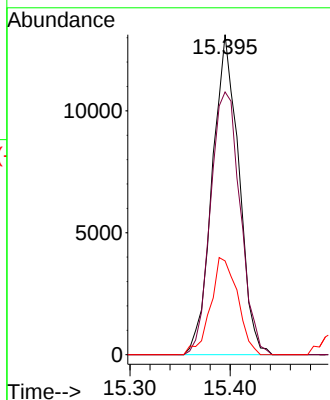
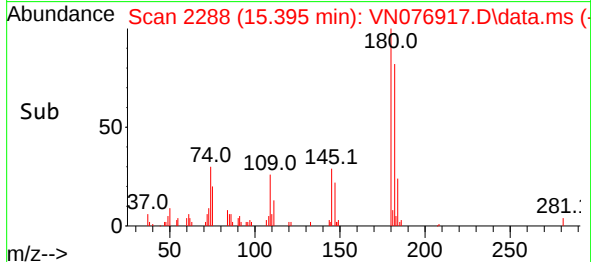
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



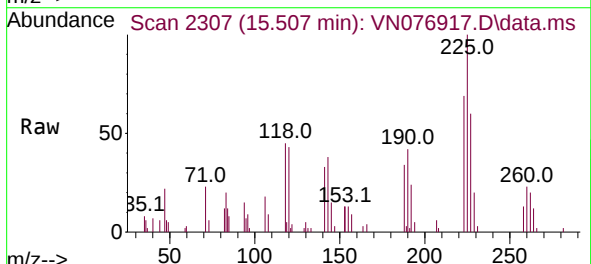
Tgt Ion:180 Resp: 2411
Ion Ratio Lower Upper
180 100
182 91.6 47.4 142.2
145 30.9 15.8 47.3

Manual Integrations
APPROVED

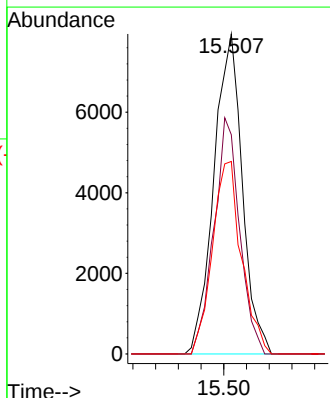
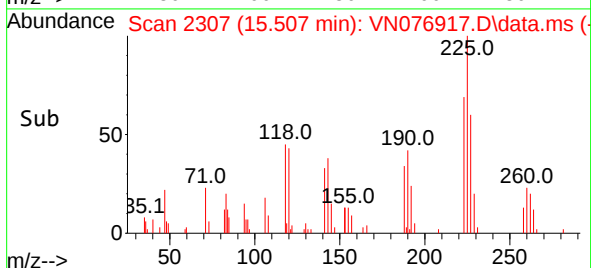
Reviewed By :John Carlone 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

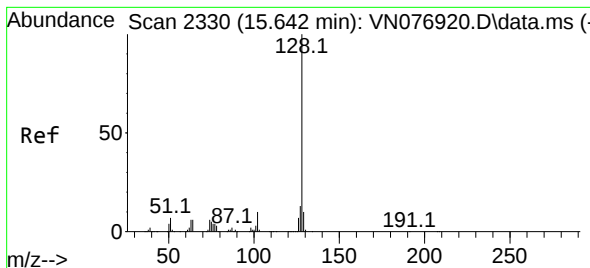


#94
Hexachlorobutadiene
Concen: 5.898 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076917.D
Acq: 10 Mar 2023 11:46



Tgt Ion:225 Resp: 13822
Ion Ratio Lower Upper
225 100
223 66.7 31.4 94.0
227 61.6 30.9 92.7





#95

Naphthalene

Concen: 4.467 ug/l

RT: 15.648 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

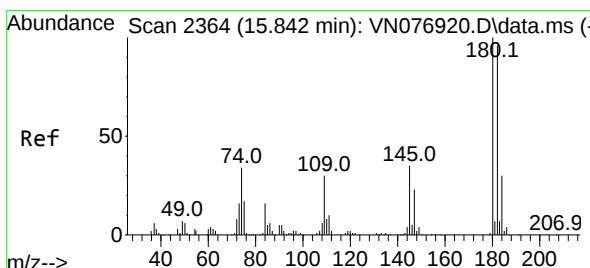
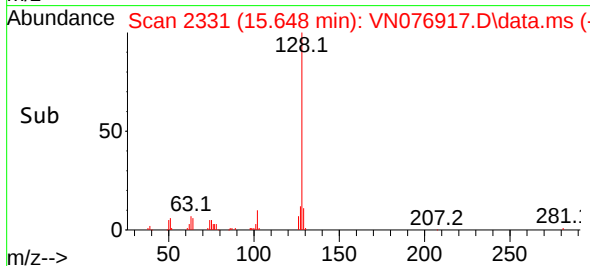
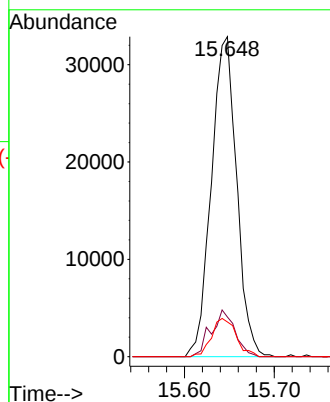
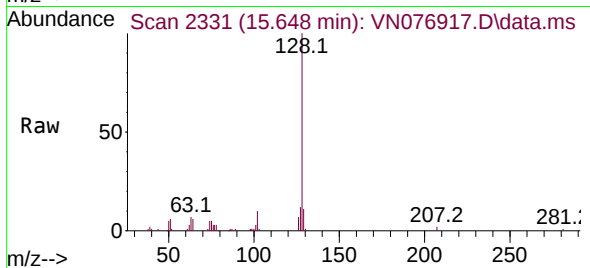
Tgt Ion:128	Resp:	6440
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.2 15.4
129	11.6	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 5.319 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076917.D

Acq: 10 Mar 2023 11:46

Tgt Ion:180	Resp:	23533
Ion Ratio	Lower	Upper
180	100	
182	91.6	47.7 143.1
145	35.0	17.0 51.0

