

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077677.D
 Acq On : 15 May 2023 18:25
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 16 02:49:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:47:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	401336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	751349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	651033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	283814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116332	19.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.740%#		
35) Dibromofluoromethane	8.171	113	91624	18.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.400%#		
50) Toluene-d8	10.576	98	354134	18.779	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.560%#		
62) 4-Bromofluorobenzene	12.853	95	125035	18.773	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.540%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	98425	21.549	ug/l	99
3) Chloromethane	2.365	50	104854	20.599	ug/l	100
4) Vinyl Chloride	2.518	62	118984	20.662	ug/l	98
5) Bromomethane	2.959	94	88624	20.789	ug/l	99
6) Chloroethane	3.124	64	85802m	20.613	ug/l	
7) Trichlorofluoromethane	3.500	101	164729	20.526	ug/l	98
8) Diethyl Ether	3.965	74	58953	20.122	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	90688	20.419	ug/l	99
10) Methyl Iodide	4.600	142	107692	20.332	ug/l	95
11) Tert butyl alcohol	5.530	59	89730	108.272	ug/l	100
12) 1,1-Dichloroethene	4.353	96	86358	20.458	ug/l	90
13) Acrolein	4.189	56	58880	96.568	ug/l	95
14) Allyl chloride	5.024	41	133725	21.510	ug/l	91
15) Acrylonitrile	5.730	53	224420	101.359	ug/l	99
16) Acetone	4.436	43	186471	98.059	ug/l	97
17) Carbon Disulfide	4.718	76	222968	19.604	ug/l	96
18) Methyl Acetate	5.030	43	161614	20.391	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	303982	19.896	ug/l	94
20) Methylene Chloride	5.283	84	117529	22.827	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	92366	19.480	ug/l #	81
22) Diisopropyl ether	6.677	45	289439	19.913	ug/l #	90
23) Vinyl Acetate	6.612	43	862281	95.750	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	179526	20.161	ug/l	97
25) 2-Butanone	7.488	43	295672	100.046	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	148618	19.645	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	114402	20.122	ug/l	91
28) Bromochloromethane	7.824	49	74002	19.216	ug/l	85
29) Tetrahydrofuran	7.841	42	193570	100.028	ug/l #	83
30) Chloroform	7.977	83	191821	19.582	ug/l	88
31) Cyclohexane	8.265	56	162109	19.862	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	171318	20.571	ug/l	96
36) 1,1-Dichloropropene	8.377	75	141643	19.765	ug/l	98
37) Ethyl Acetate	7.565	43	119422	18.697	ug/l	94
38) Carbon Tetrachloride	8.371	117	142265	19.660	ug/l	98
39) Methylcyclohexane	9.606	83	176435	20.110	ug/l	88
40) Benzene	8.612	78	418838	19.806	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	65233	19.177	ug/l	89
42) 1,2-Dichloroethane	8.677	62	149606	19.475	ug/l	96
43) Isopropyl Acetate	8.694	43	205936	19.739	ug/l	94
44) Trichloroethene	9.359	130	106829	19.951	ug/l	100
45) 1,2-Dichloropropane	9.629	63	106197	19.688	ug/l	94
46) Dibromomethane	9.718	93	75213	19.486	ug/l	99
47) Bromodichloromethane	9.894	83	147490	19.959	ug/l	97
48) Methyl methacrylate	9.688	41	97236	19.658	ug/l	86
49) 1,4-Dioxane	9.700	88	37896	405.584	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	630846	101.724	ug/l	92
52) Toluene	10.635	92	256919	19.515	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	152424	19.478	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	164225	19.044	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	103088	19.721	ug/l	96
56) Ethyl methacrylate	10.882	69	155425	19.665	ug/l #	89
57) 1,3-Dichloropropane	11.170	76	177896	19.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	393178	101.117	ug/l	93
59) 2-Hexanone	11.200	43	465472	101.476	ug/l	91
60) Dibromochloromethane	11.365	129	104787	19.418	ug/l	99
61) 1,2-Dibromoethane	11.476	107	103039	19.758	ug/l	99
64) Tetrachloroethene	11.112	164	88311	19.397	ug/l	95
65) Chlorobenzene	11.900	112	280550	19.878	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	96849	19.832	ug/l	97
67) Ethyl Benzene	11.970	91	506047	20.008	ug/l	99
68) m/p-Xylenes	12.076	106	380938	39.749	ug/l	96
69) o-Xylene	12.406	106	189213	20.076	ug/l	97
70) Styrene	12.417	104	298303	19.924	ug/l	96
71) Bromoform	12.582	173	64740	19.928	ug/l #	99
73) Isopropylbenzene	12.700	105	488201	19.955	ug/l	99
74) N-amyl acetate	12.500	43	173016	19.133	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	144200	19.159	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	131290m	19.156	ug/l	
77) Bromobenzene	12.988	156	104608	18.737	ug/l	91
78) n-propylbenzene	13.041	91	562978	19.519	ug/l	100
79) 2-Chlorotoluene	13.135	91	342915	19.924	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	416067	20.235	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	39866	17.929	ug/l #	83
82) 4-Chlorotoluene	13.229	91	330108	19.277	ug/l	99
83) tert-Butylbenzene	13.447	119	355830	19.823	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	408280	20.190	ug/l	99
85) sec-Butylbenzene	13.623	105	513371	20.124	ug/l	100
86) p-Isopropyltoluene	13.735	119	408858	20.103	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	195079	18.894	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	195096	19.042	ug/l	97
89) n-Butylbenzene	14.064	91	367373	19.639	ug/l	98
90) Hexachloroethane	14.341	117	68270	20.434	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	194752	20.191	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	27462	18.847	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	103592	18.378	ug/l	96
94) Hexachlorobutadiene	15.505	225	44480	19.006	ug/l	99
95) Naphthalene	15.647	128	360593	18.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	104894	19.006	ug/l	99

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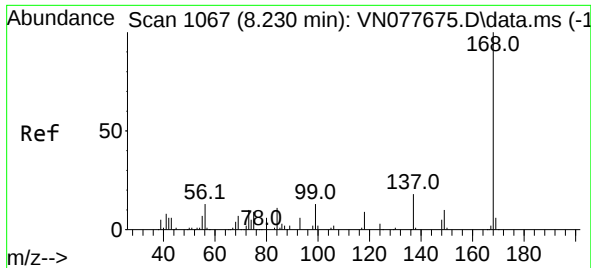
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/16/2023

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Quant Title : SW846 8260
QLast Update : Tue May 16 02:47:47 2023
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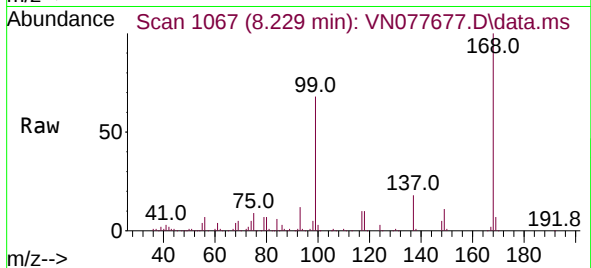
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077677.D
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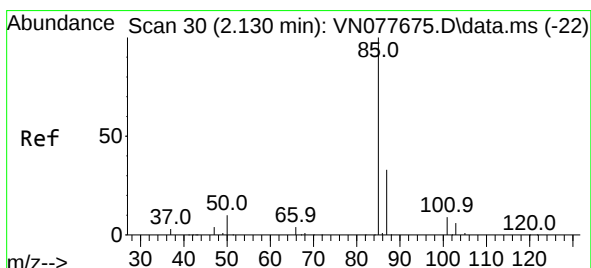
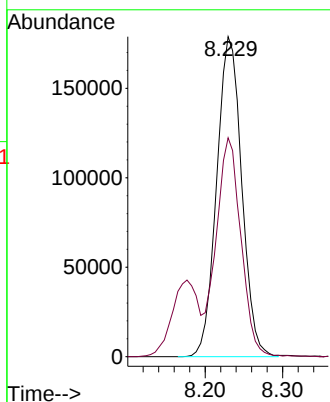
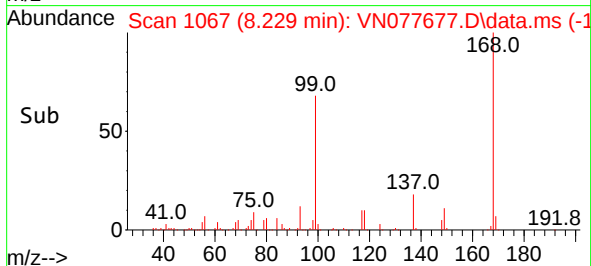
Instrument :
MSVOA_N
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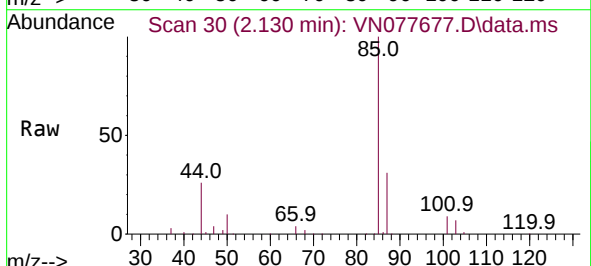
Tgt Ion:168 Resp: 401336
Ion Ratio Lower Upper
168 100
99 67.9 53.0 79.6

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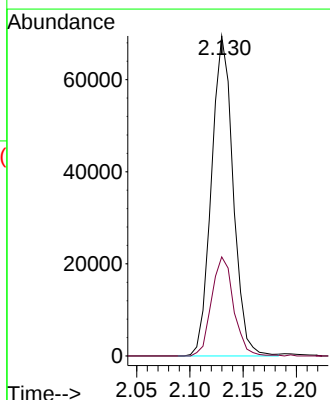
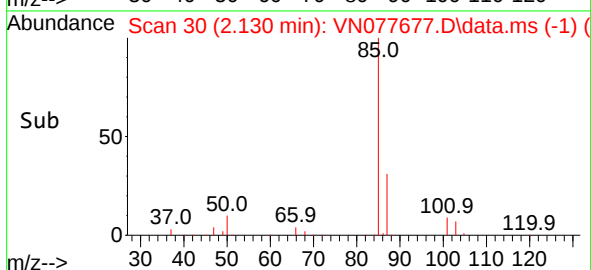
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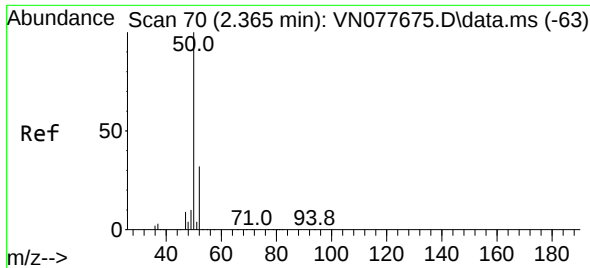


#2
Dichlorodifluoromethane
Concen: 21.549 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



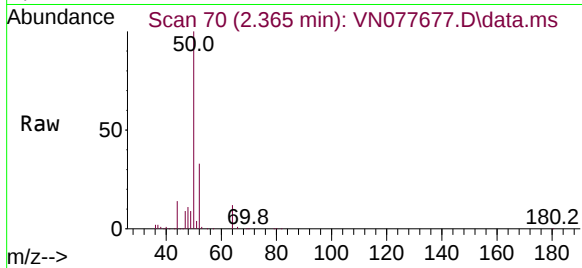
Tgt Ion: 85 Resp: 98425
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4





#3
Chloromethane
Concen: 20.599 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

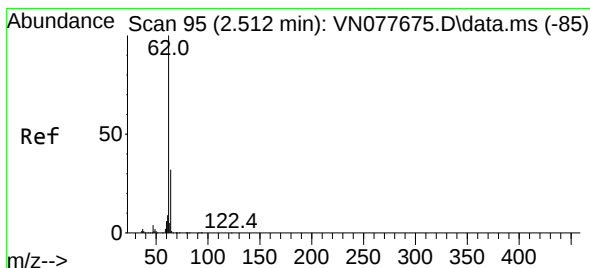
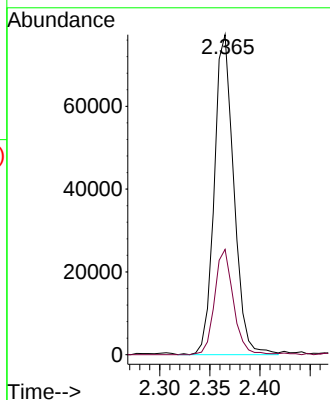
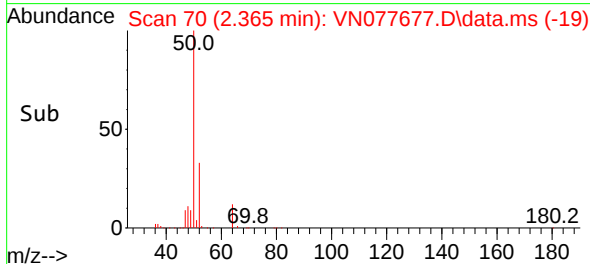
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Tgt Ion: 50 Resp: 104854
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

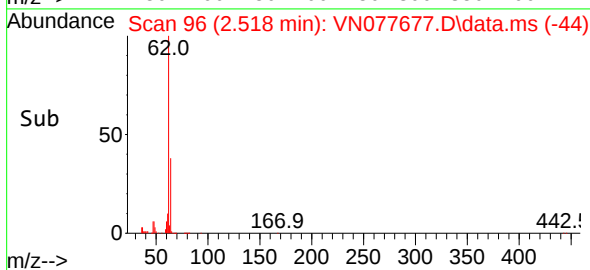
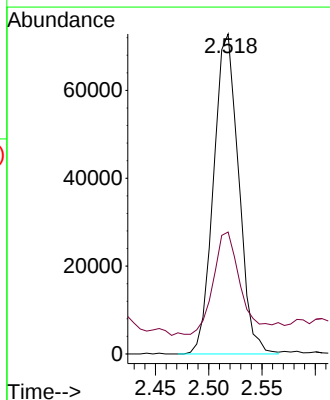
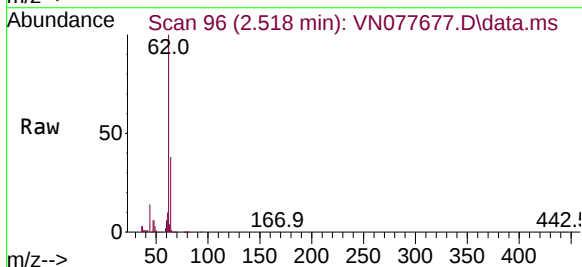
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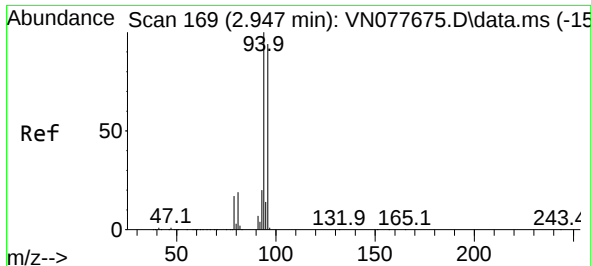
Reviewed By :John Carlone 05/16/2023
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#4
Vinyl Chloride
Concen: 20.662 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

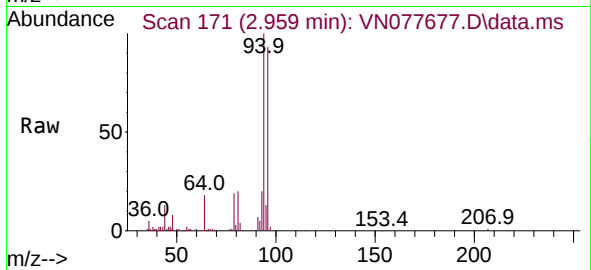
Tgt Ion: 62 Resp: 118984
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2





#5
Bromomethane
Concen: 20.789 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

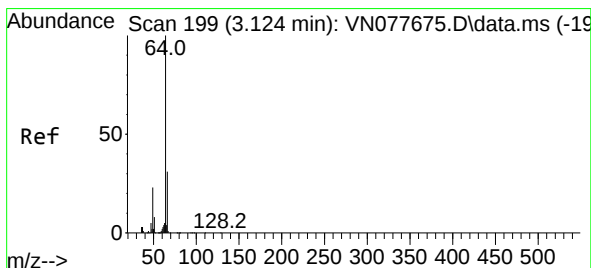
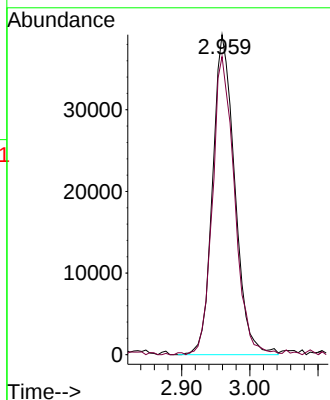
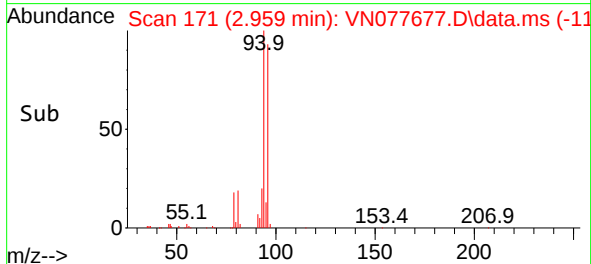
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Tgt Ion: 94 Resp: 88624
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7

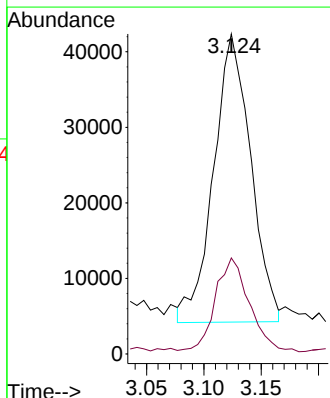
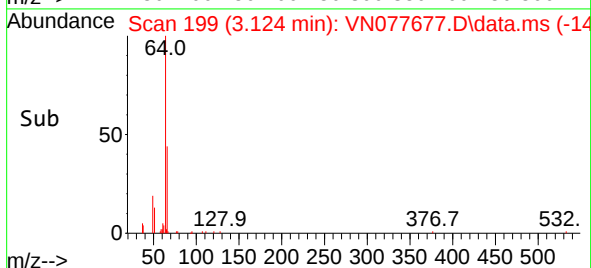
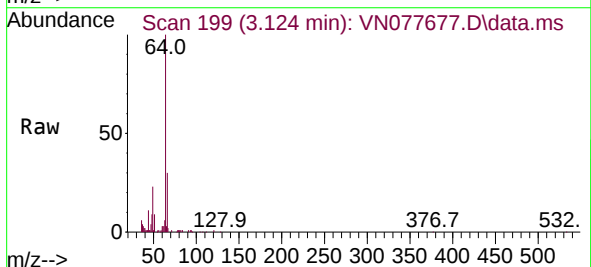
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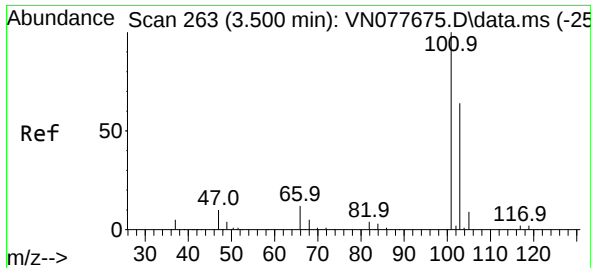
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#6
Chloroethane
Concen: 20.613 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN077677.D
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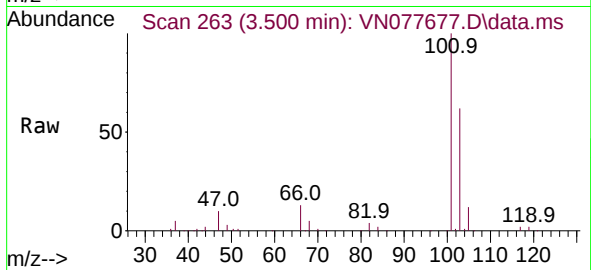
Tgt Ion: 64 Resp: 85802
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.526 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

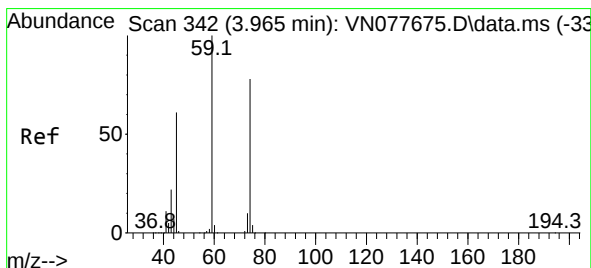
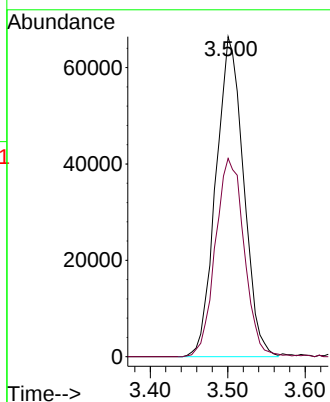
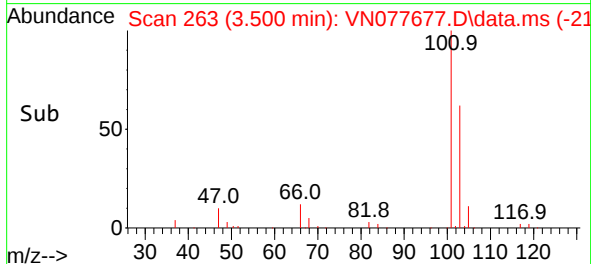
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VSTDICC020



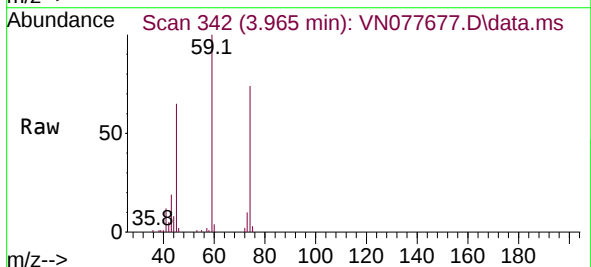
Tgt Ion:101 Resp: 164729
Ion Ratio Lower Upper
101 100
103 62.0 50.7 76.1

Manual Integrations
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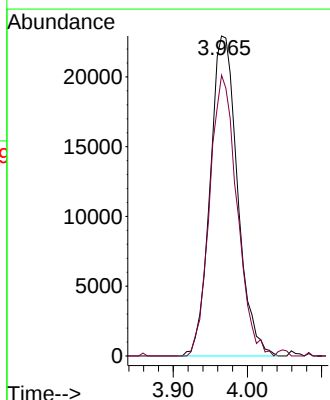
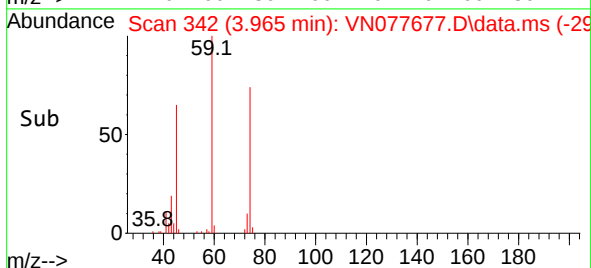
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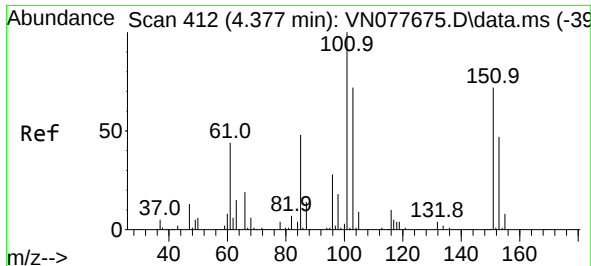


#8
Diethyl Ether
Concen: 20.122 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 58953
Ion Ratio Lower Upper
74 100
45 87.5 34.4 103.3





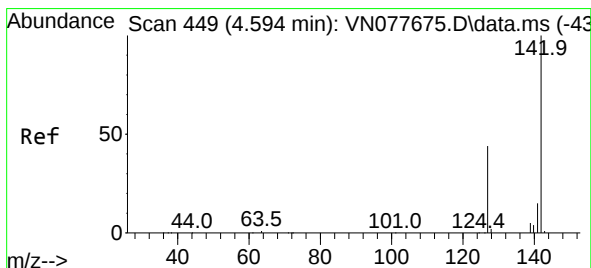
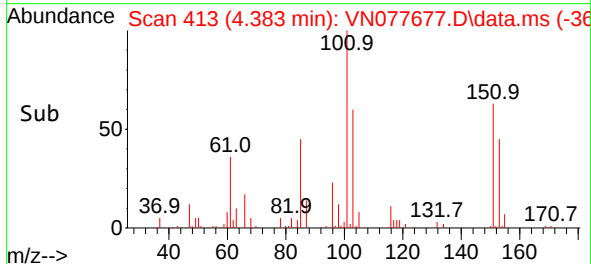
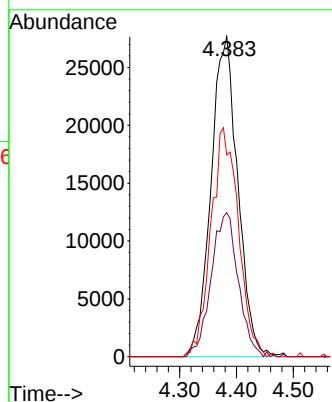
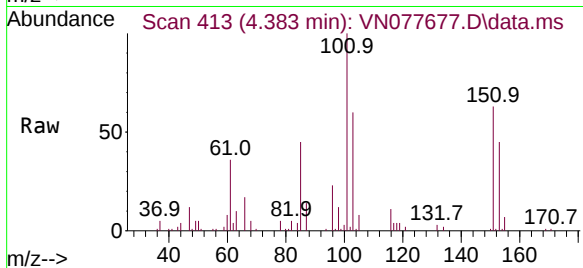
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.419 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 90688
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 73.2 57.6 86.4

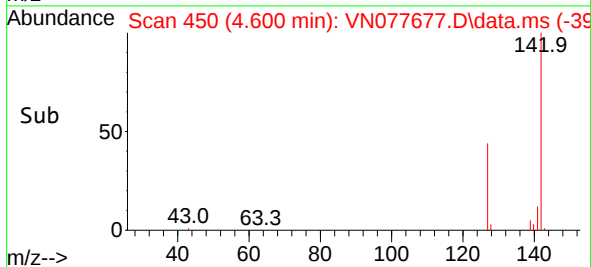
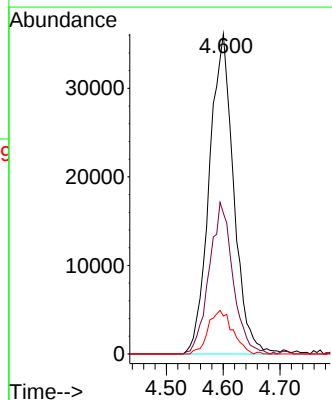
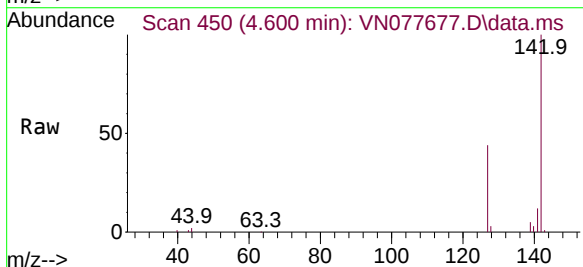
Manual Integrations
APPROVED

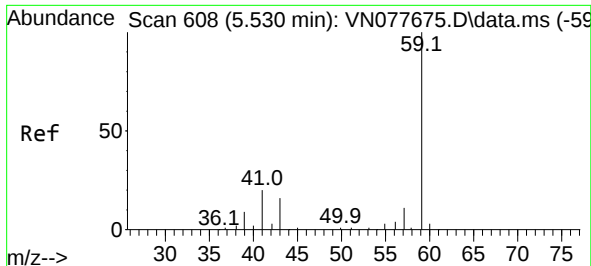
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#10
Methyl Iodide
Concen: 20.332 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

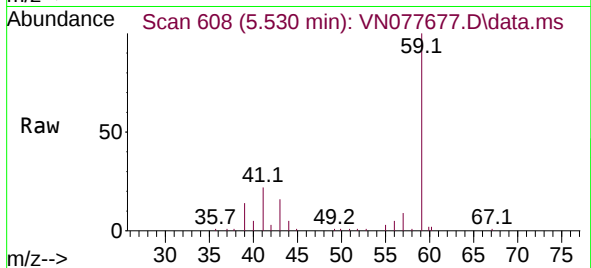
Tgt Ion:142 Resp: 107692
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 11.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 108.272 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

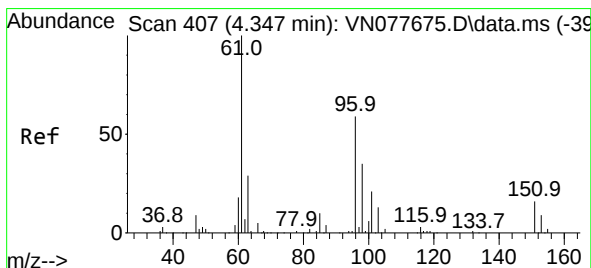
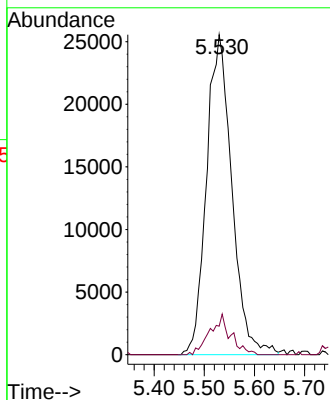
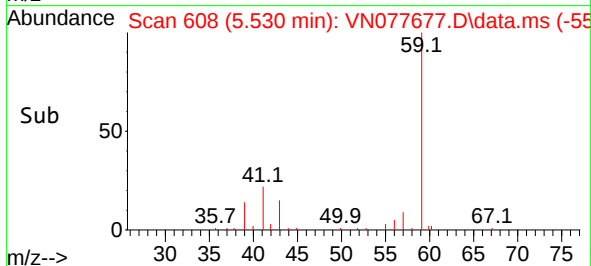
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



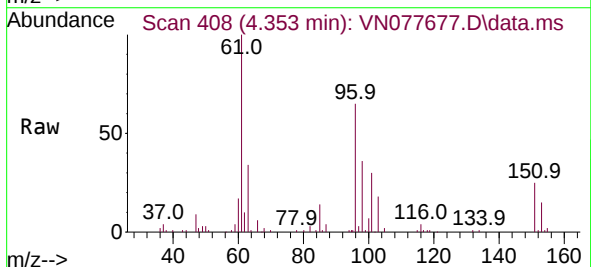
Tgt Ion: 59 Resp: 89730
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

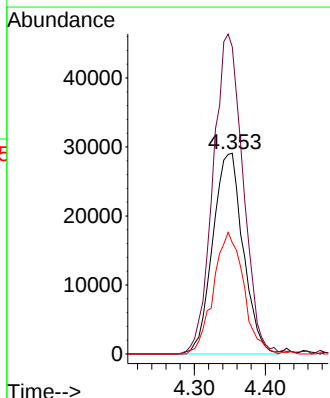
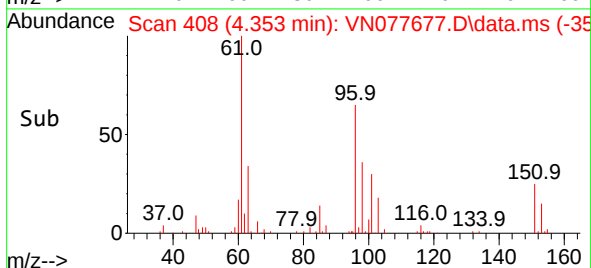
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

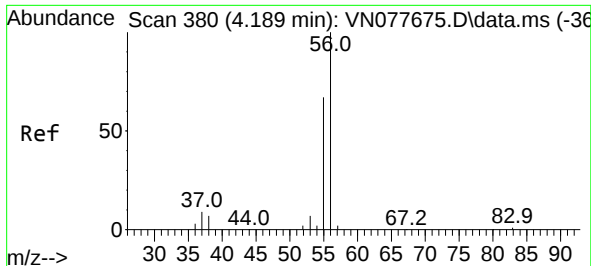


#12
1,1-Dichloroethene
Concen: 20.458 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



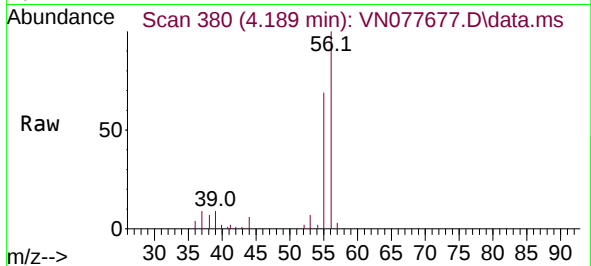
Tgt Ion: 96 Resp: 86358
Ion Ratio Lower Upper
96 100
61 153.1 112.7 169.1
98 55.4 51.2 76.8





#13
Acrolein
Concen: 96.568 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

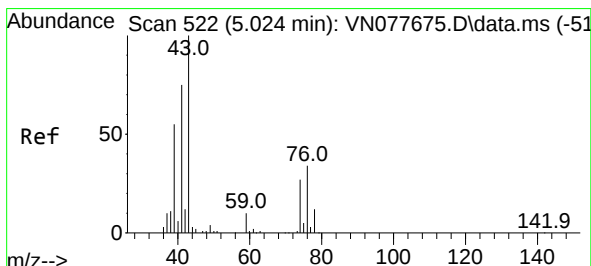
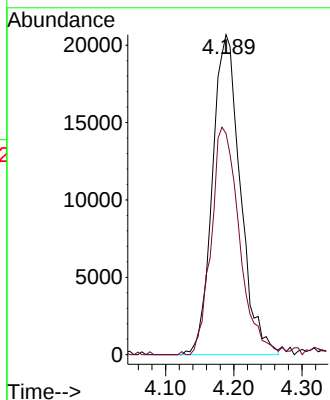
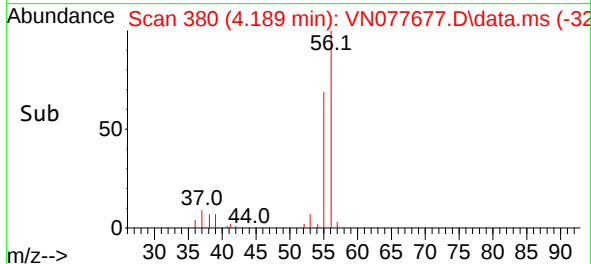
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



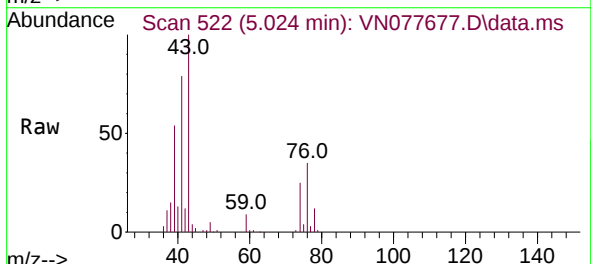
Tgt Ion: 56 Resp: 58880
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

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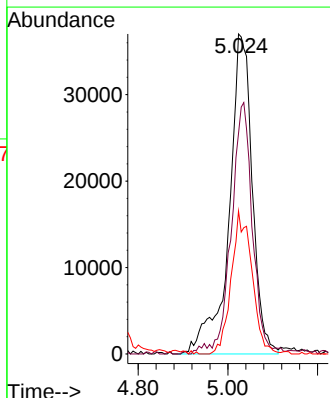
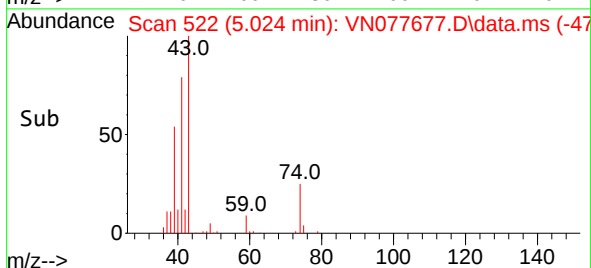
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

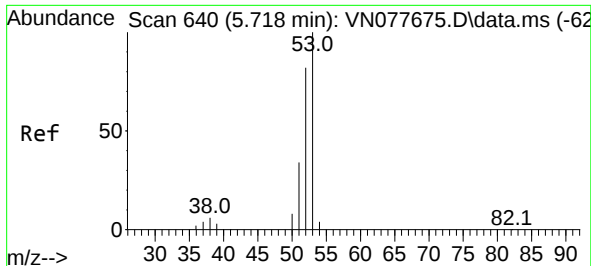


#14
Allyl chloride
Concen: 21.510 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



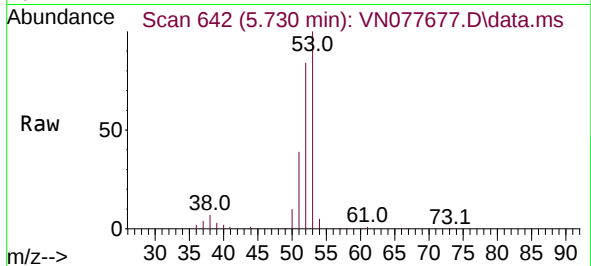
Tgt Ion: 41 Resp: 133725
Ion Ratio Lower Upper
41 100
39 68.3 58.8 88.2
76 39.5 39.1 58.7





#15
Acrylonitrile
Concen: 101.359 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

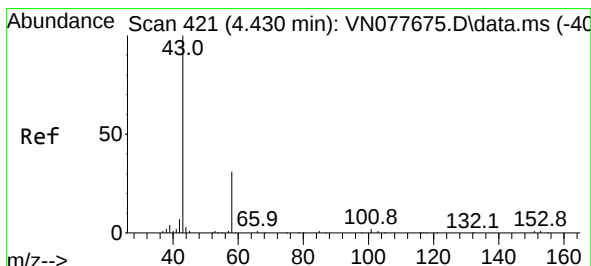
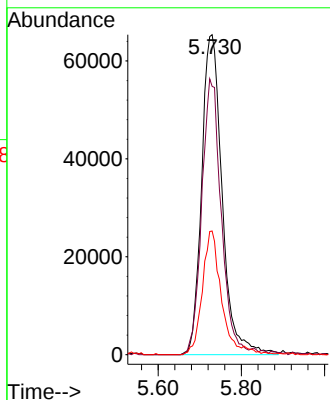
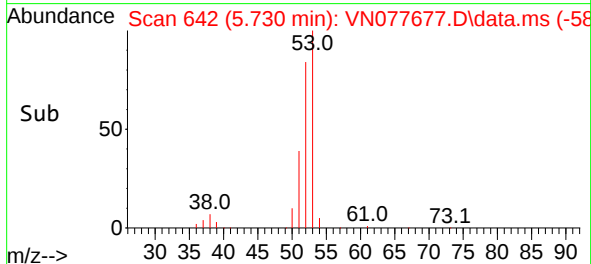
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



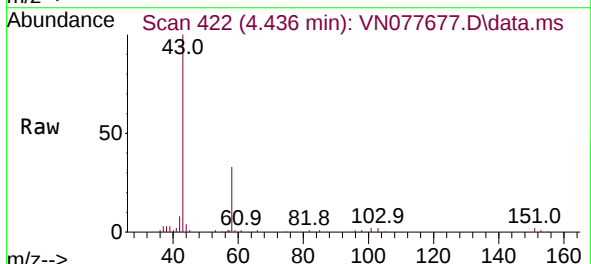
Tgt Ion: 53 Resp: 224420
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 34.8 28.9 43.3

Manual Integrations
APPROVED

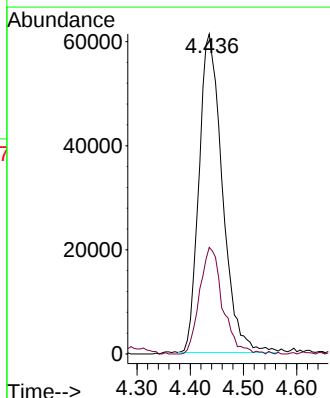
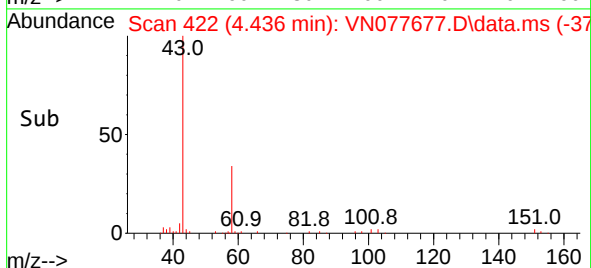
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

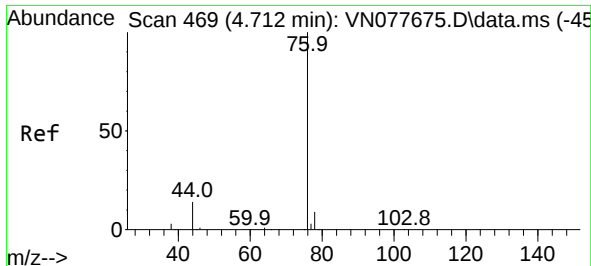


#16
Acetone
Concen: 98.059 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



Tgt Ion: 43 Resp: 186471
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0





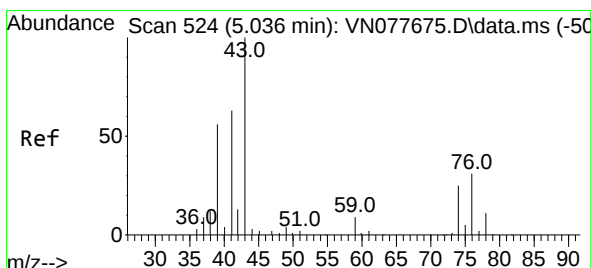
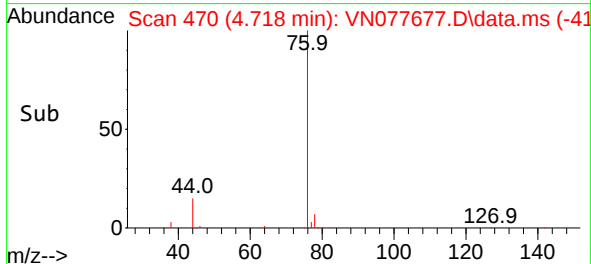
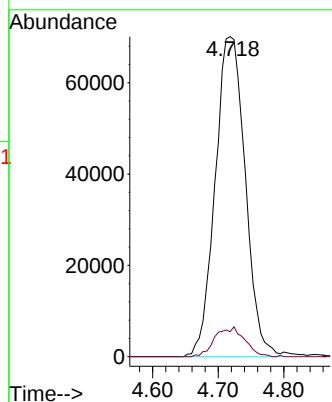
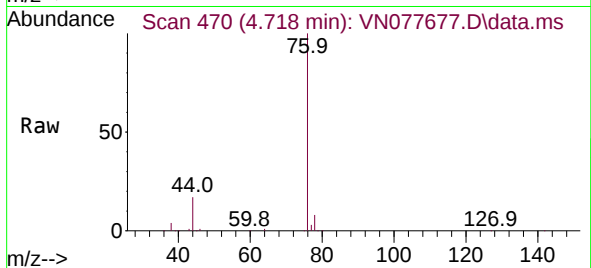
#17
Carbon Disulfide
Concen: 19.604 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 222968
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

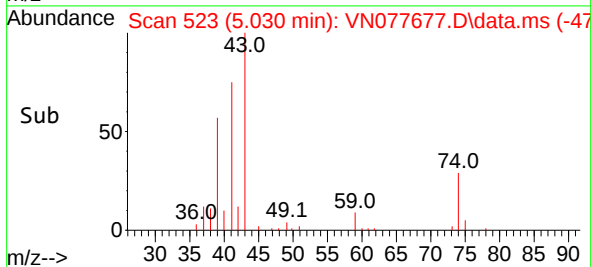
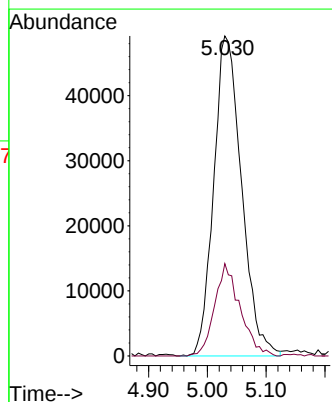
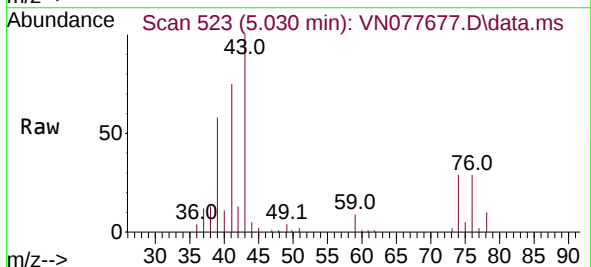
Manual Integrations
APPROVED

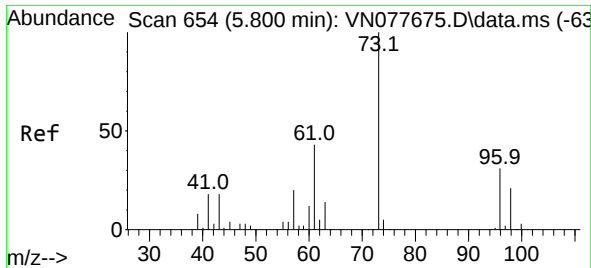
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#18
Methyl Acetate
Concen: 20.391 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

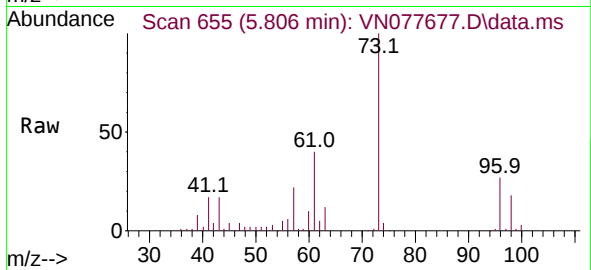
Tgt Ion: 43 Resp: 161614
Ion Ratio Lower Upper
43 100
74 26.4 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 19.896 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

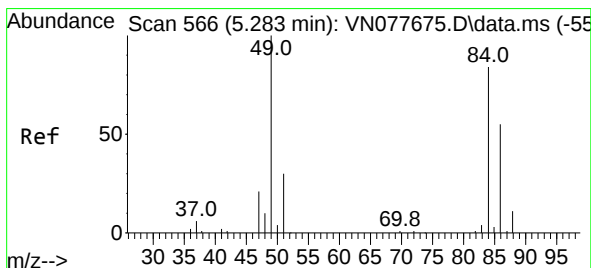
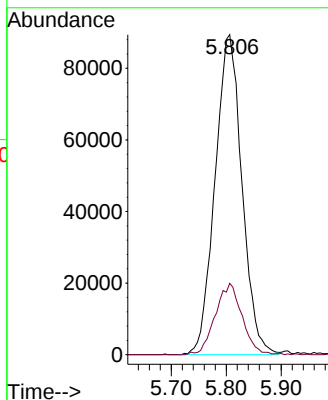
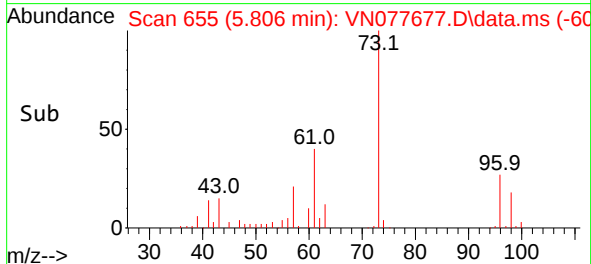
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 30398
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

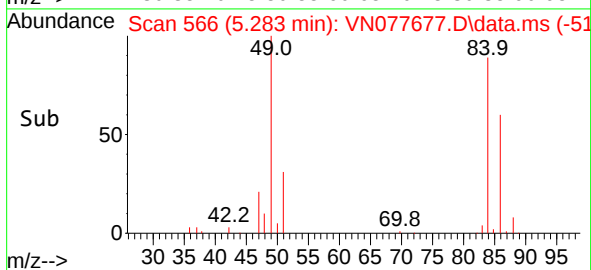
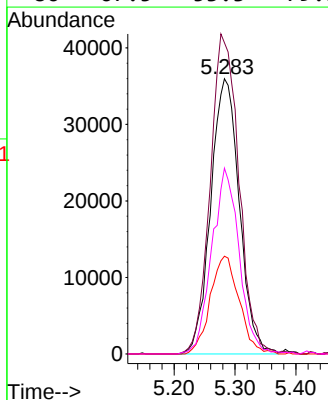
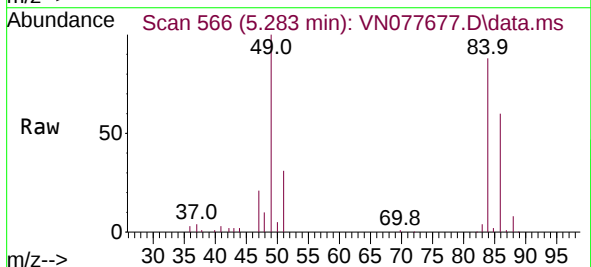
Manual Integrations
APPROVED

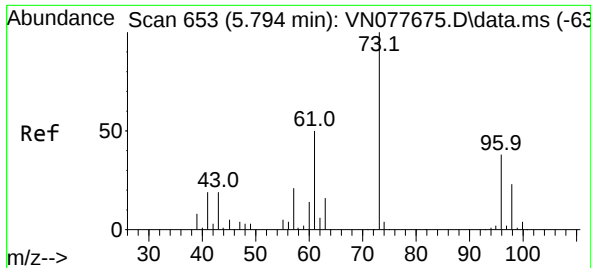
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#20
Methylene Chloride
Concen: 22.827 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Tgt Ion: 84 Resp: 117529
Ion Ratio Lower Upper
84 100
49 113.1 79.7 119.5
51 35.5 25.2 37.8
86 67.5 53.3 79.9





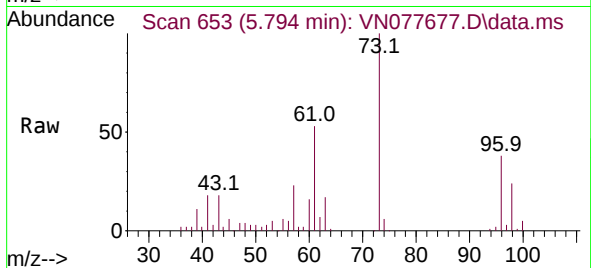
#21
trans-1,2-Dichloroethene
Concen: 19.480 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



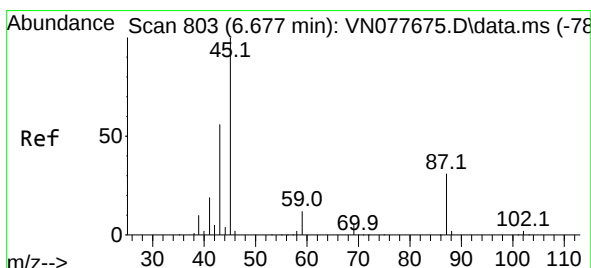
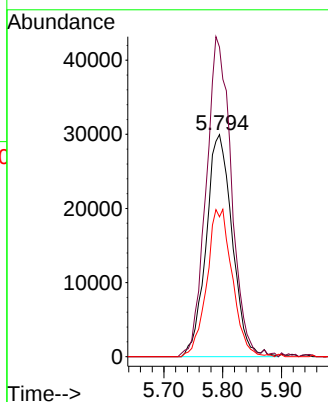
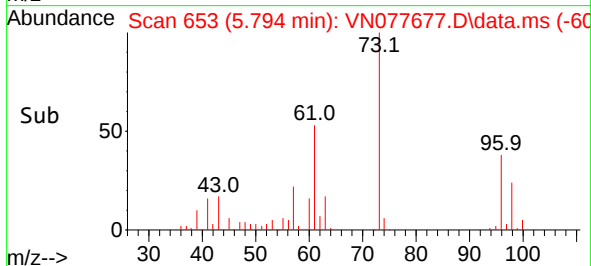
Tgt Ion: 96 Resp: 92360
Ion Ratio Lower Upper
96 100
61 139.5 90.1 135.1
98 63.0 46.4 69.6

Manual Integrations

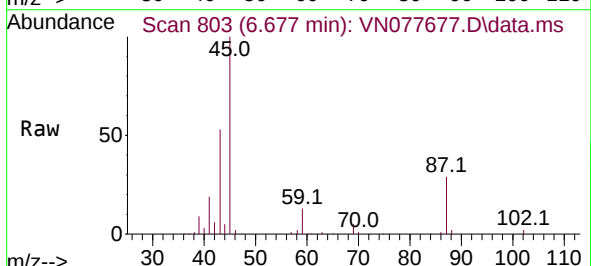
APPROVED

Reviewed By :John Carlone 05/16/2023

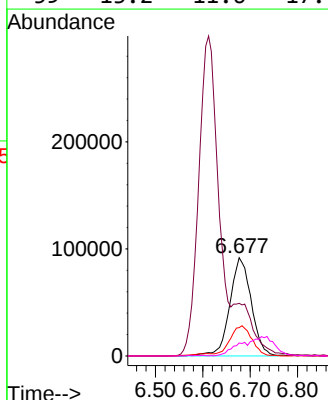
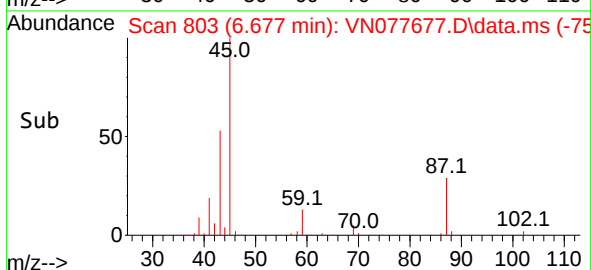
Supervised By :Mahesh Dadoda 05/16/2023



#22
Diisopropyl ether
Concen: 19.913 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



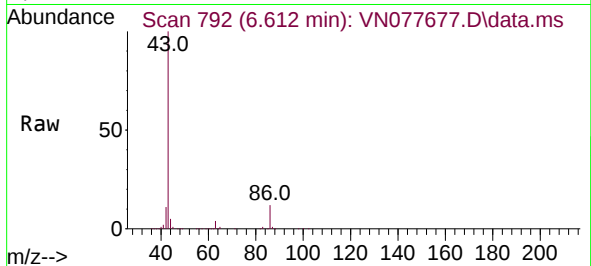
Tgt Ion: 45 Resp: 289439
Ion Ratio Lower Upper
45 100
43 52.8 45.5 68.3
87 28.5 31.8 47.8
59 13.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 95.750 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077677.D
 Acq: 15 May 2023 18:25

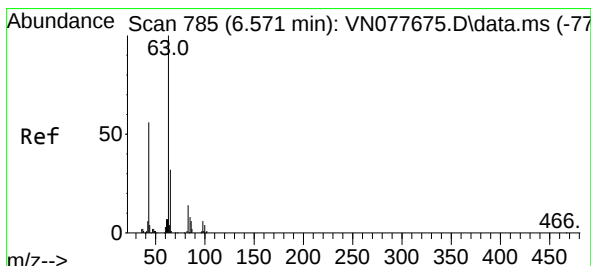
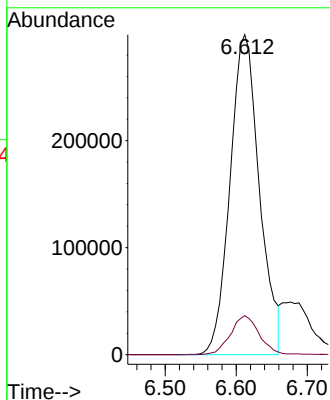
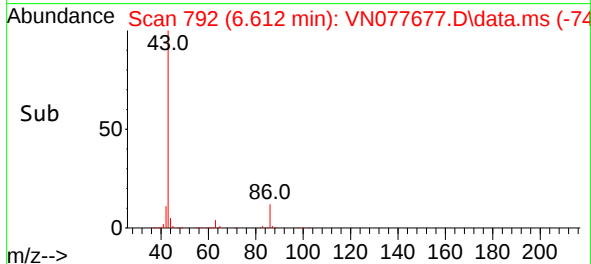
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020



Tgt Ion: 43 Resp: 86228
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

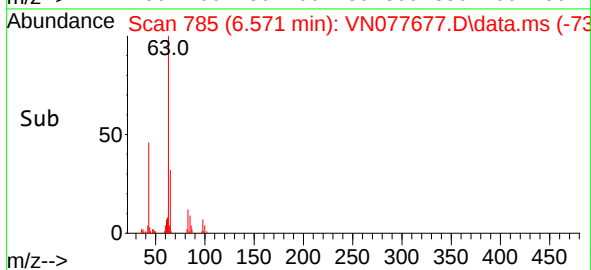
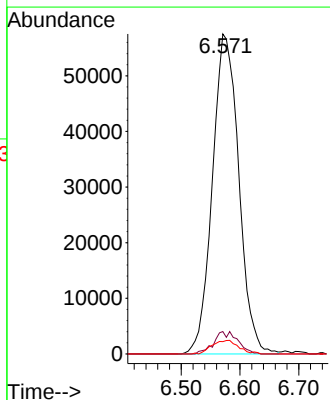
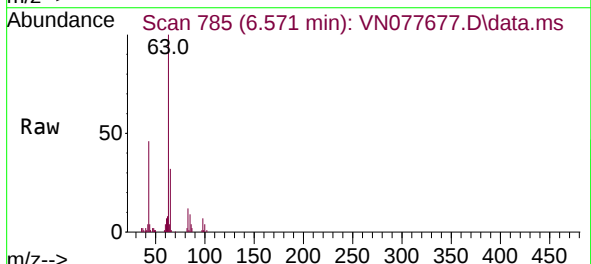
Manual Integrations
 APPROVED

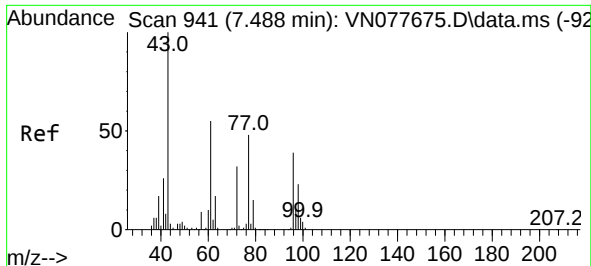
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#24
 1,1-Dichloroethane
 Concen: 20.161 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077677.D
 Acq: 15 May 2023 18:25

Tgt Ion: 63 Resp: 179526
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 3.9 2.5 7.4





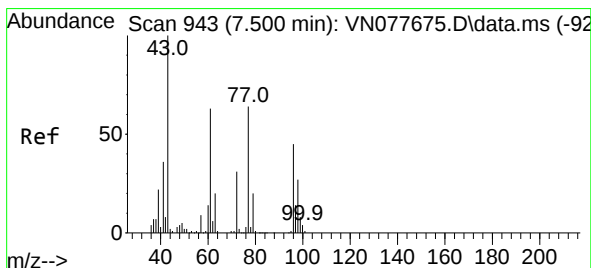
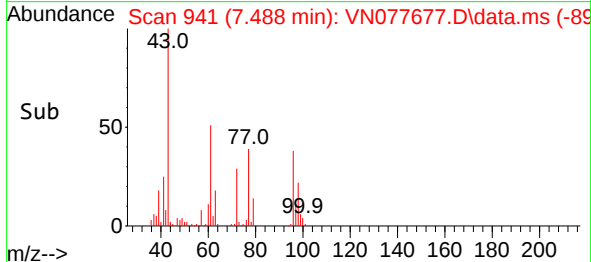
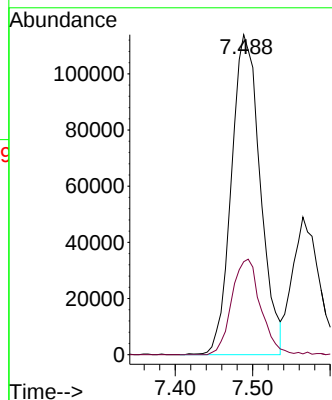
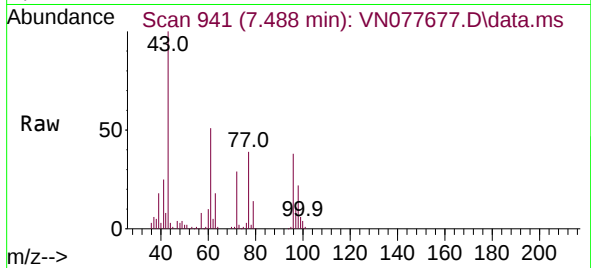
#25
2-Butanone
Concen: 100.046 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 295672
Ion Ratio Lower Upper
43 100
72 29.0 30.2 45.2

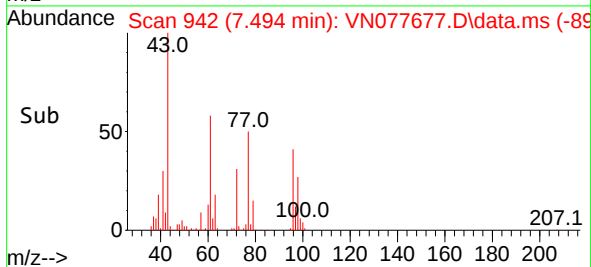
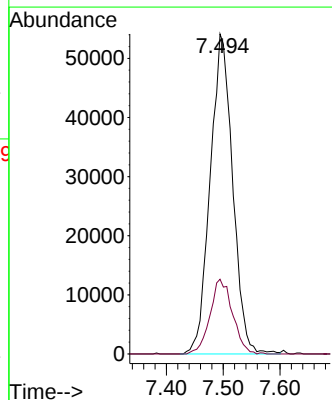
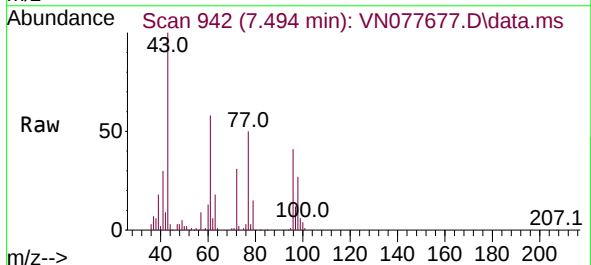
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 19.645 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

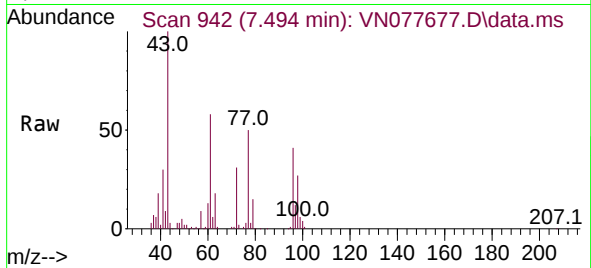
Tgt Ion: 77 Resp: 148618
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.122 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077677.D
 Acq: 15 May 2023 18:25

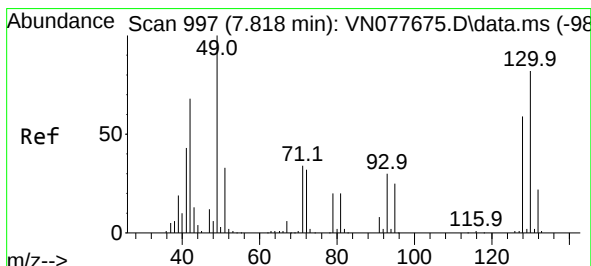
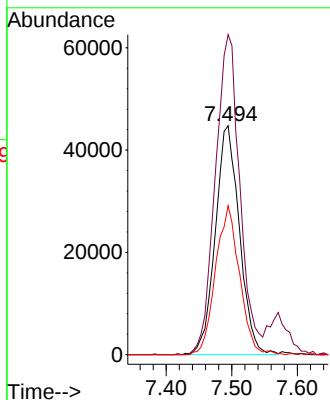
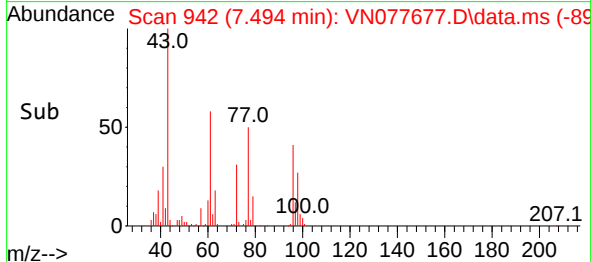
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 114402
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 255.2
 98 64.5 0.0 128.8

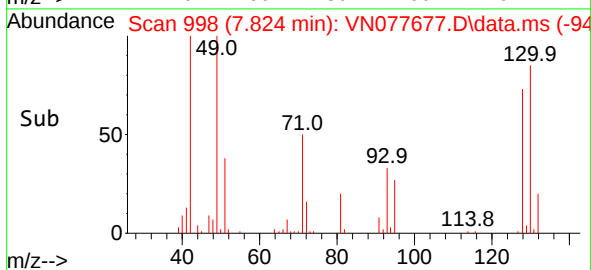
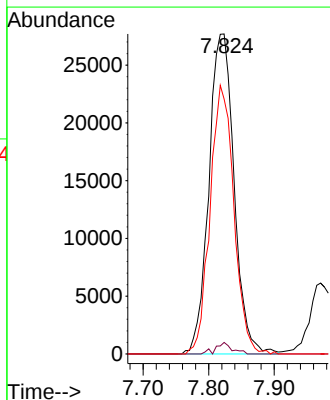
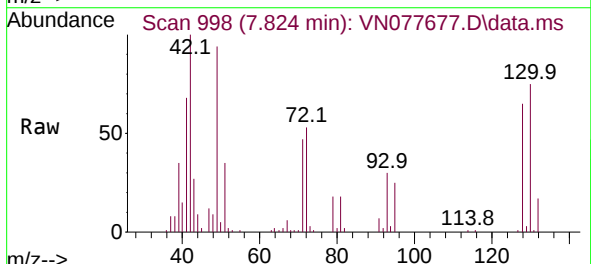
Manual Integrations
 APPROVED

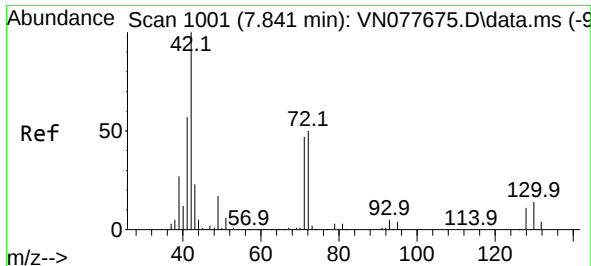
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#28
 Bromochloromethane
 Concen: 19.216 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077677.D
 Acq: 15 May 2023 18:25

Tgt Ion: 49 Resp: 74002
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 79.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 100.028 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 193570

Ion Ratio Lower Upper

42 100

72 49.8 49.8 74.6

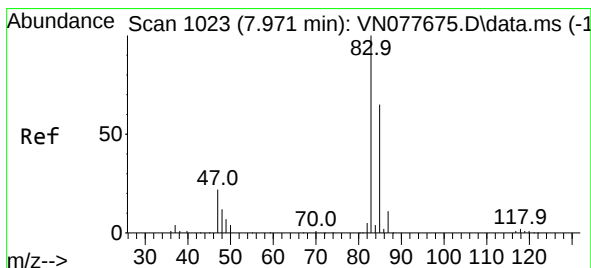
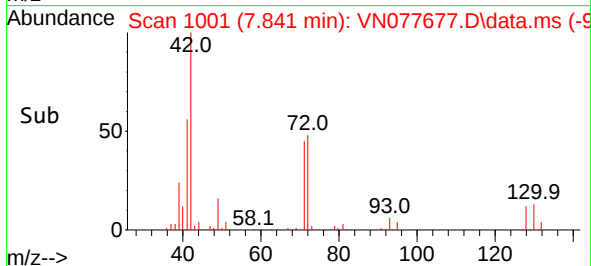
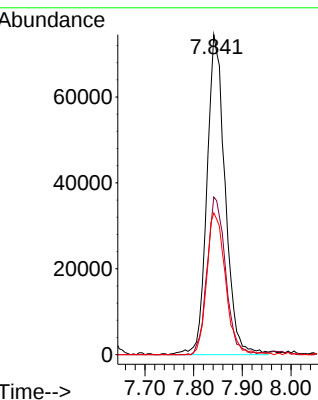
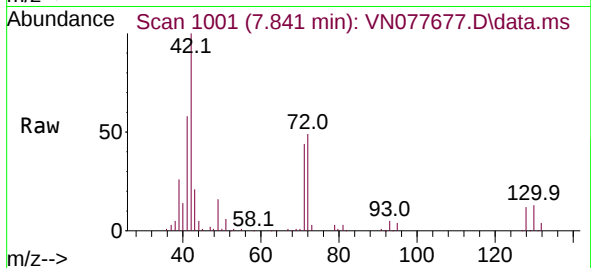
71 45.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#30

Chloroform

Concen: 19.582 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077677.D

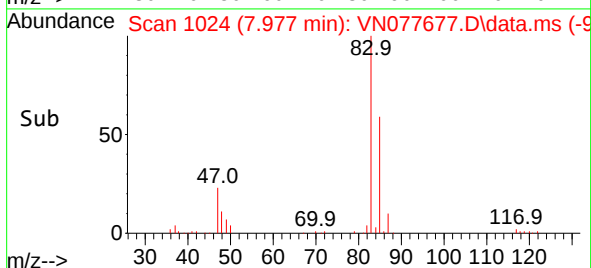
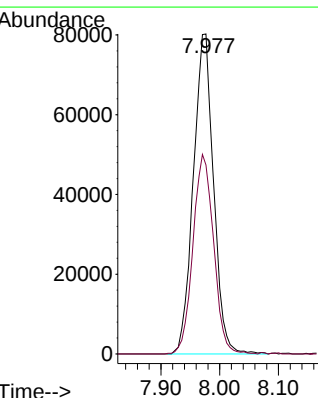
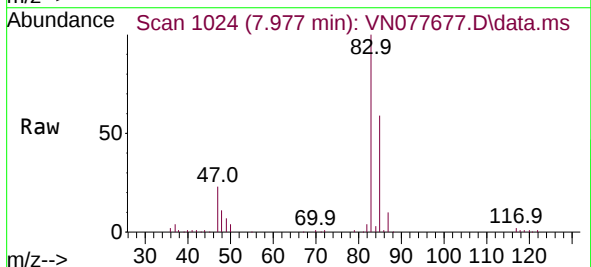
Acq: 15 May 2023 18:25

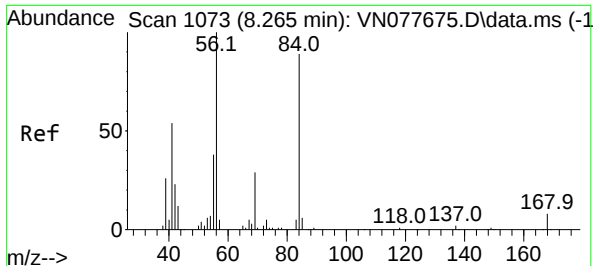
Tgt Ion: 83 Resp: 191821

Ion Ratio Lower Upper

83 100

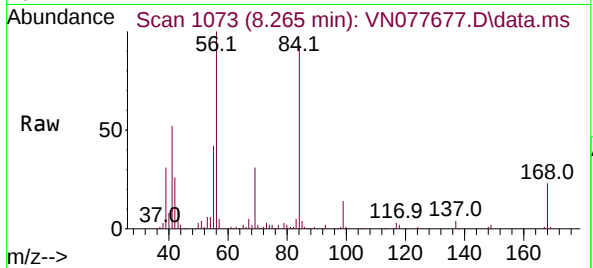
85 59.0 55.4 83.0





#31
Cyclohexane
Concen: 19.862 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

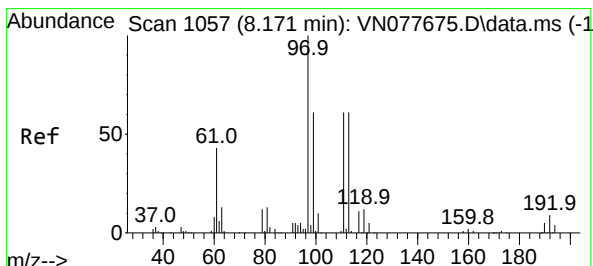
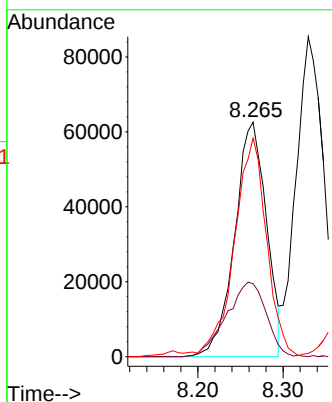
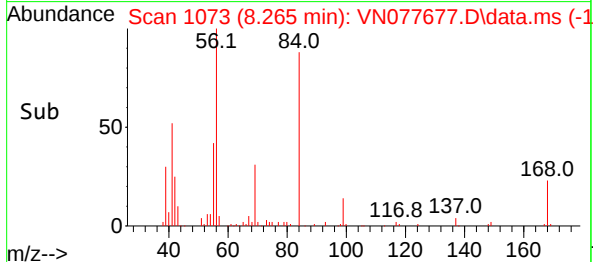
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



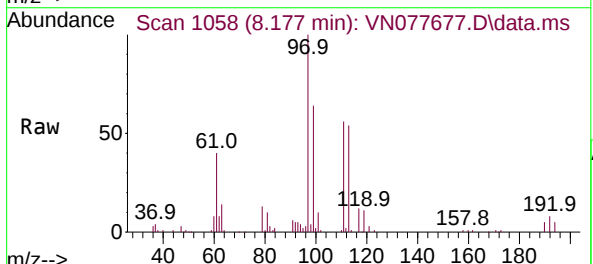
Tgt Ion: 56 Resp: 162109
Ion Ratio Lower Upper
56 100
69 30.7 26.8 40.2
84 91.4 81.8 122.6

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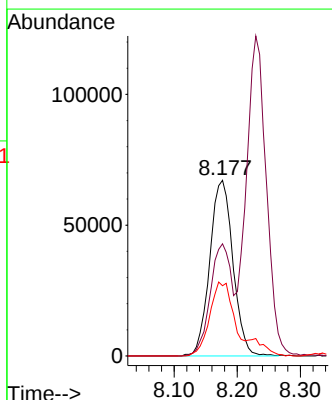
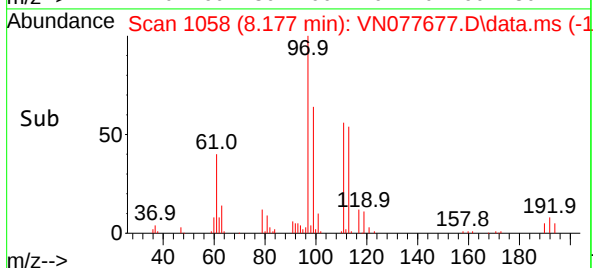
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

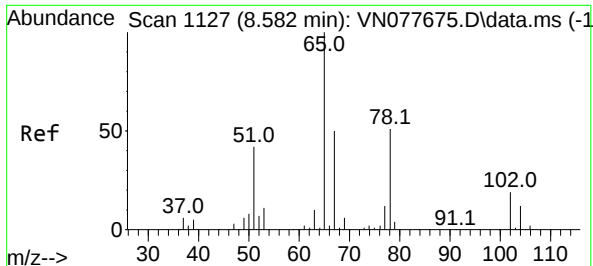


#32
1,1,1-Trichloroethane
Concen: 20.571 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



Tgt Ion: 97 Resp: 171318
Ion Ratio Lower Upper
97 100
99 57.7 50.3 75.5
61 42.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 19.372 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 11633

Ion Ratio Lower Upper

65 100

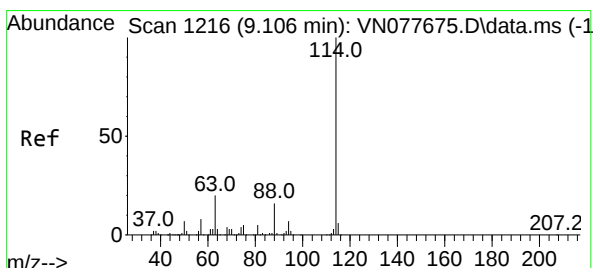
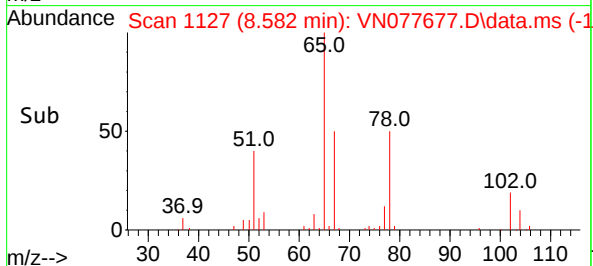
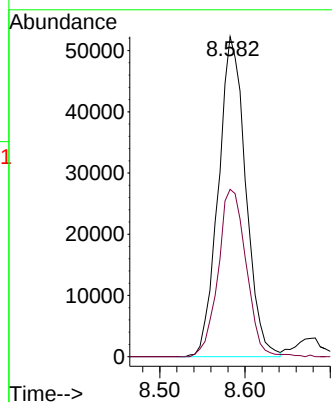
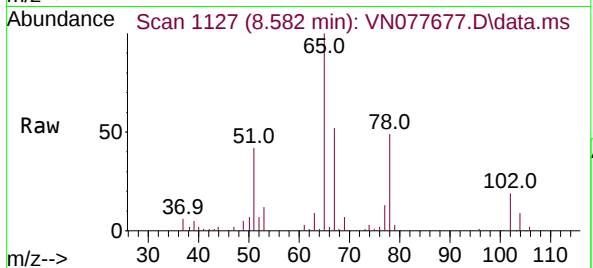
67 53.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

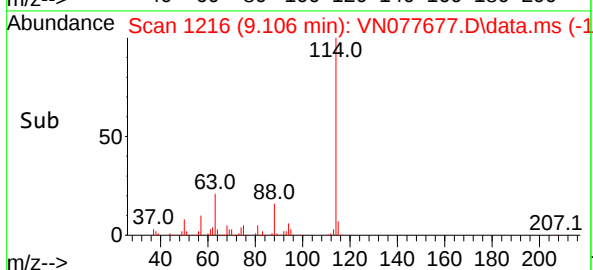
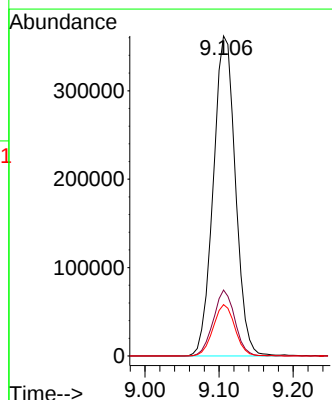
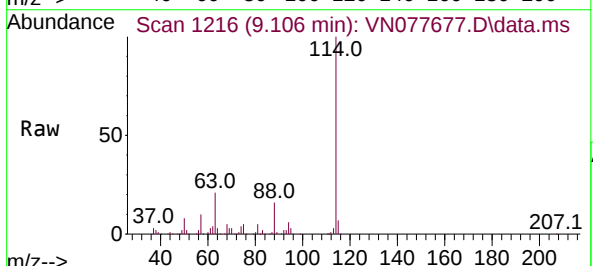
Tgt Ion:114 Resp: 751349

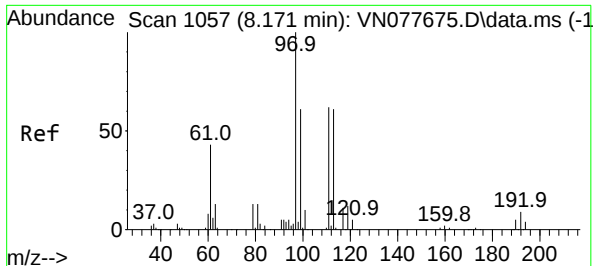
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 18.701 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

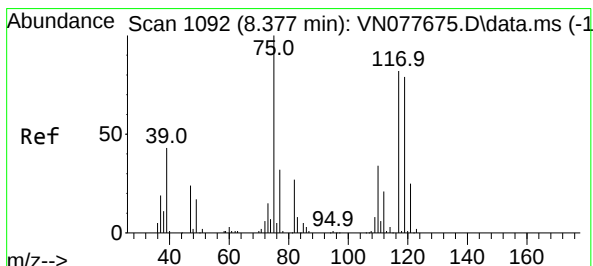
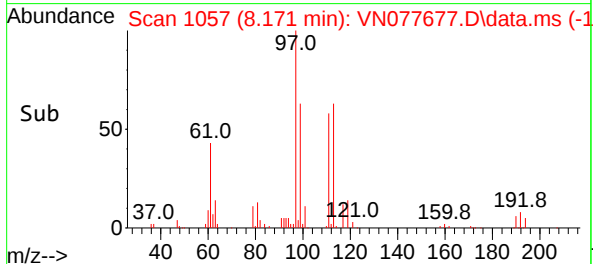
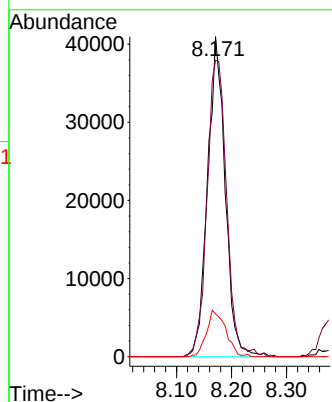
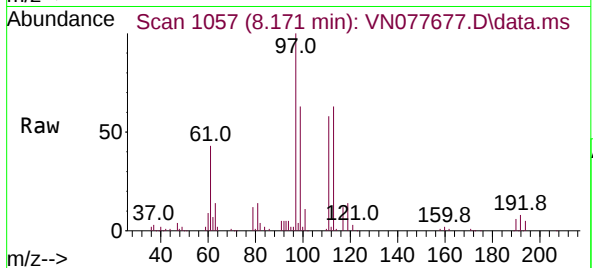
Tgt Ion:	113	Resp:	91624
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	15.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#36

1,1-Dichloropropene

Concen: 19.765 ug/l

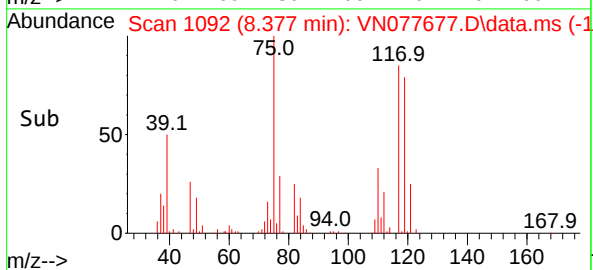
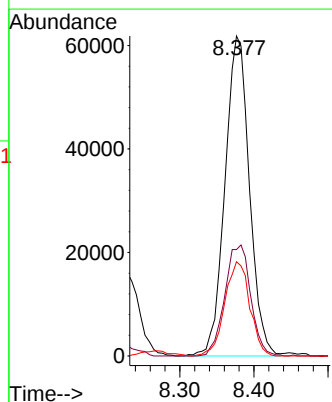
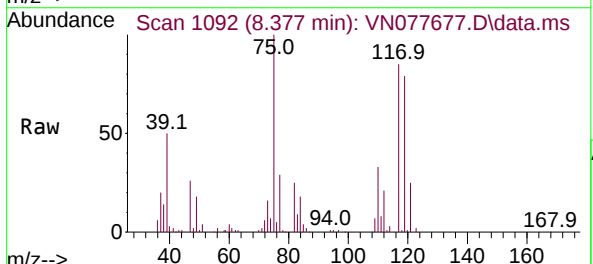
RT: 8.377 min Scan# 1092

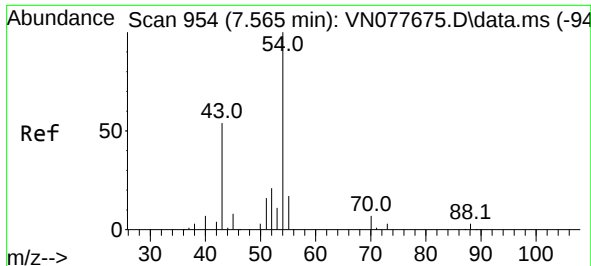
Delta R.T. -0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Tgt Ion:	75	Resp:	141643
Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.1	57.3
77	30.2	25.0	37.4





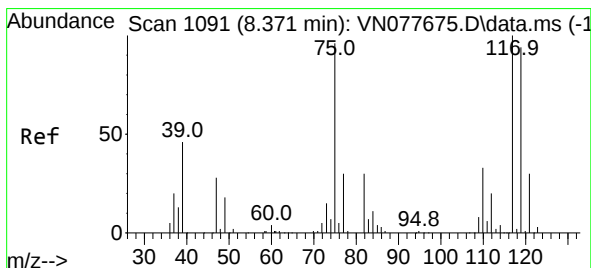
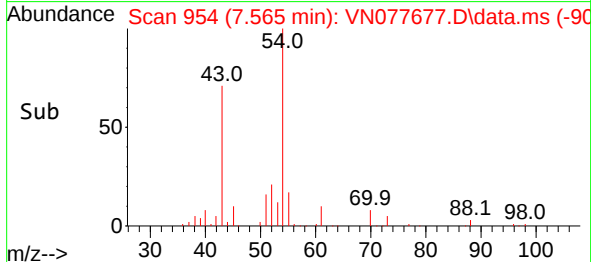
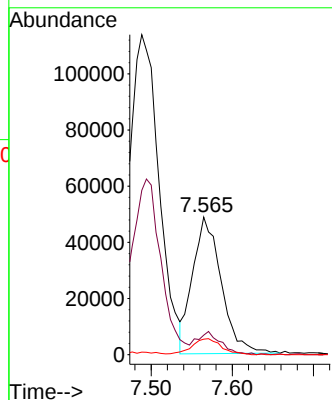
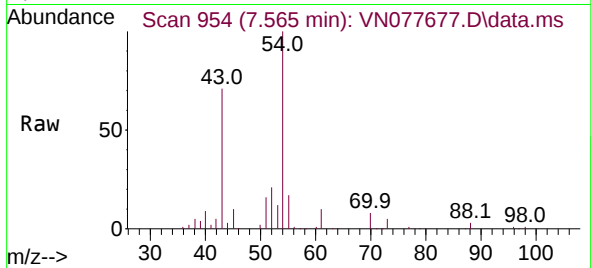
#37
Ethyl Acetate
Concen: 18.697 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 11942
Ion Ratio Lower Upper
43 100
61 13.3 13.2 19.8
70 12.1 11.3 16.9

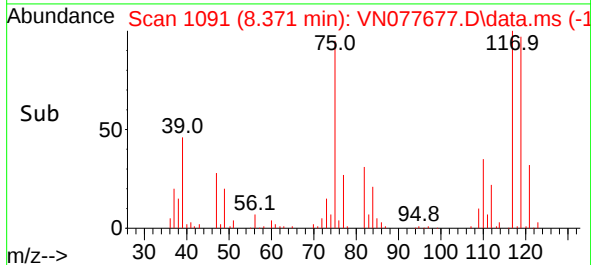
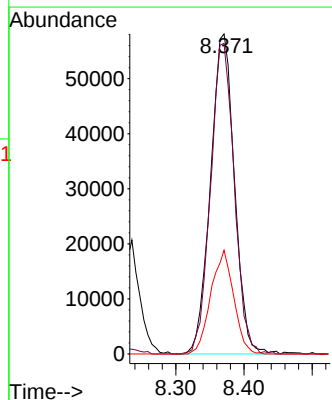
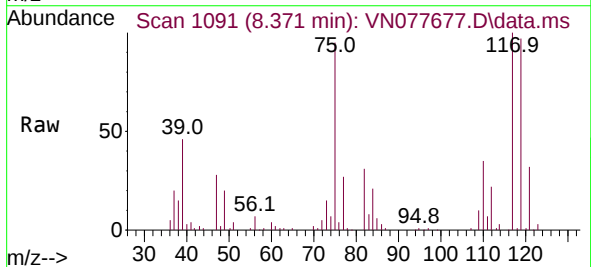
Manual Integrations
APPROVED

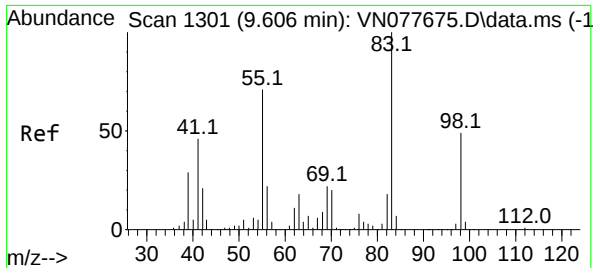
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#38
Carbon Tetrachloride
Concen: 19.660 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Tgt Ion:117 Resp: 142265
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9
121 32.4 23.3 34.9





#39

Methylcyclohexane

Concen: 20.110 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 176438

Ion Ratio Lower Upper

83 100

55 72.2 49.1 73.7

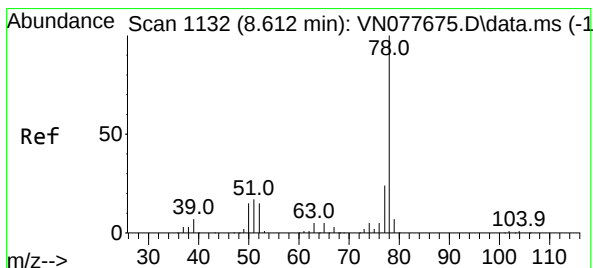
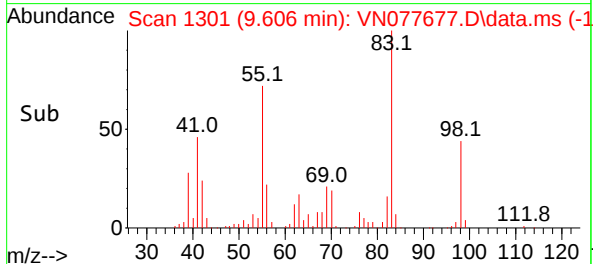
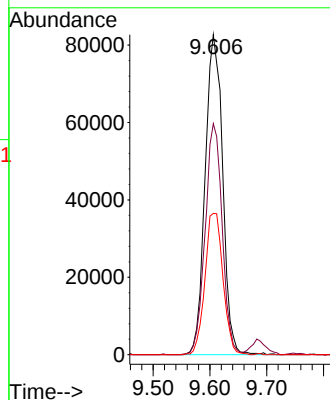
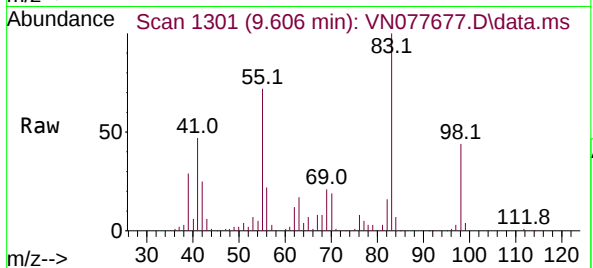
98 44.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#40

Benzene

Concen: 19.806 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077677.D

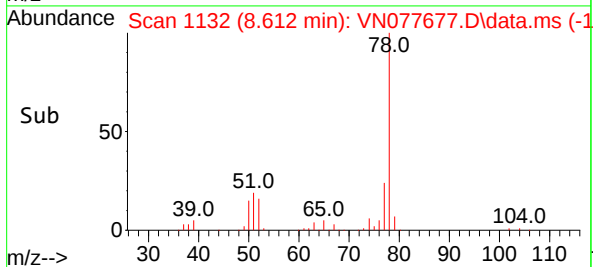
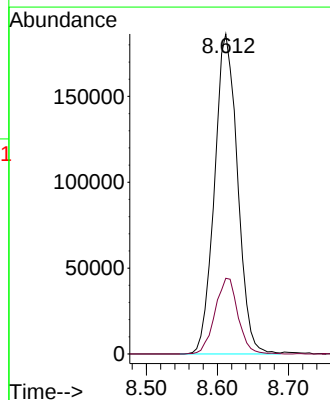
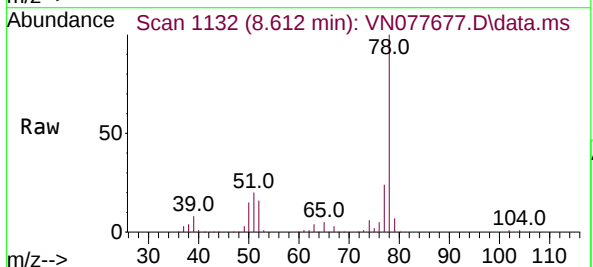
Acq: 15 May 2023 18:25

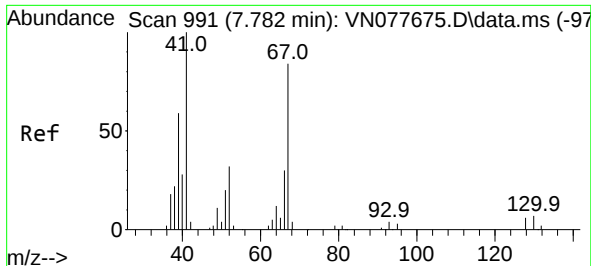
Tgt Ion: 78 Resp: 418838

Ion Ratio Lower Upper

78 100

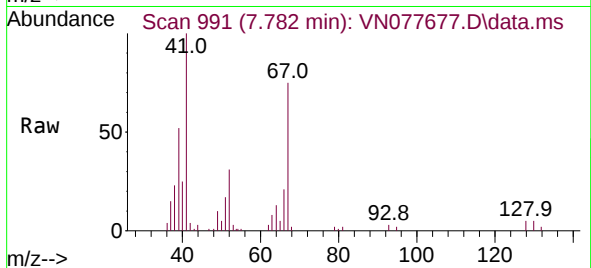
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 19.177 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

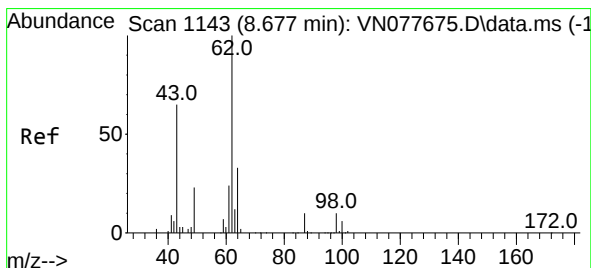
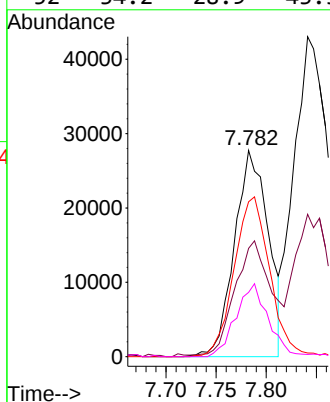
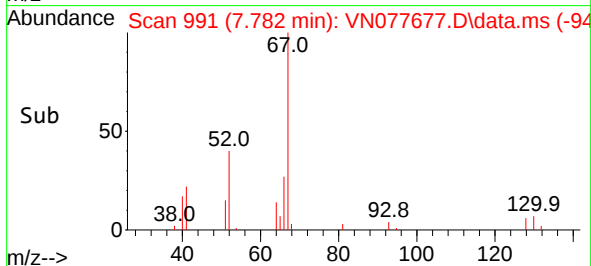
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 6523
Ion Ratio Lower Upper
41 100
39 60.3 42.6 64.0
67 82.0 77.5 116.3
52 34.2 28.9 43.3

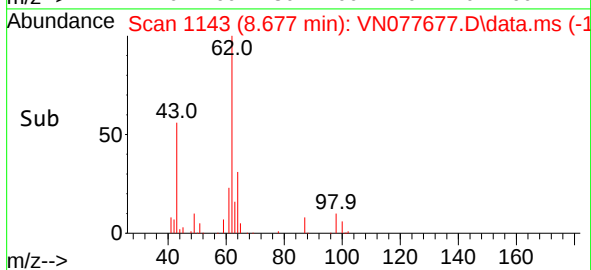
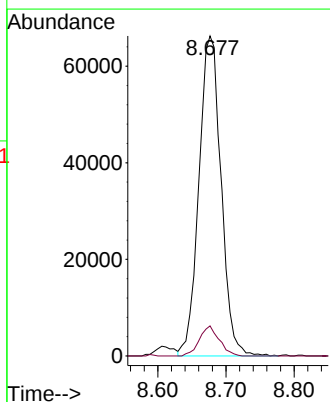
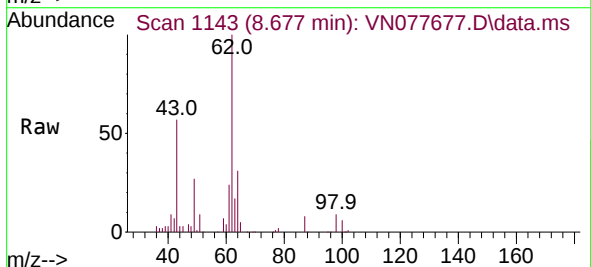
Manual Integrations
APPROVED

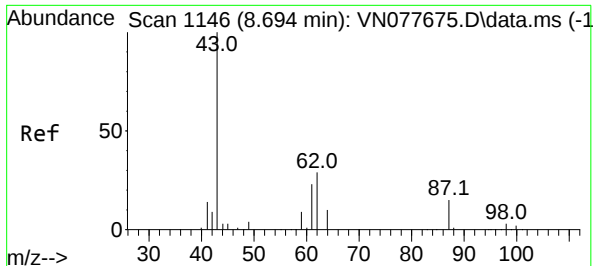
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#42
1,2-Dichloroethane
Concen: 19.475 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

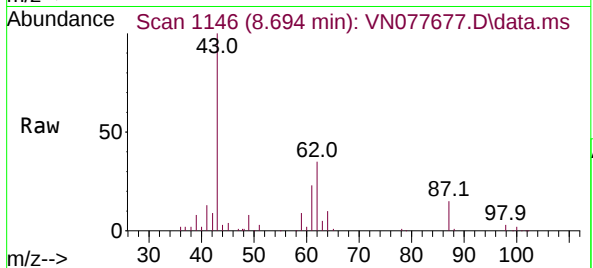
Tgt Ion: 62 Resp: 149606
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 19.739 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

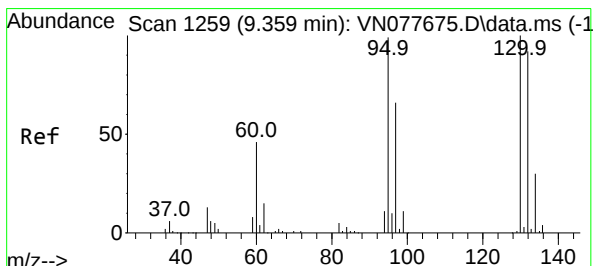
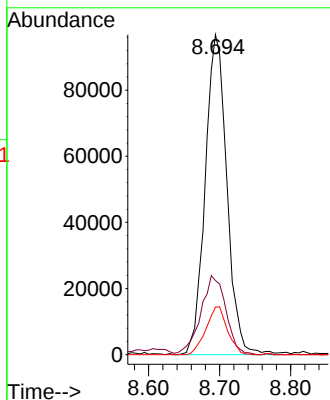
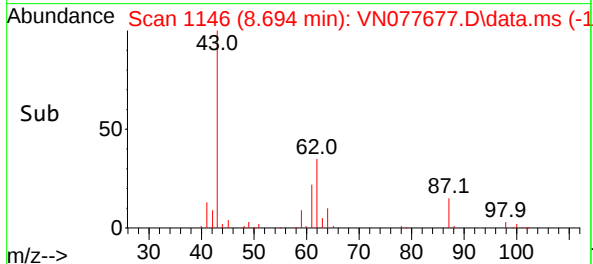
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



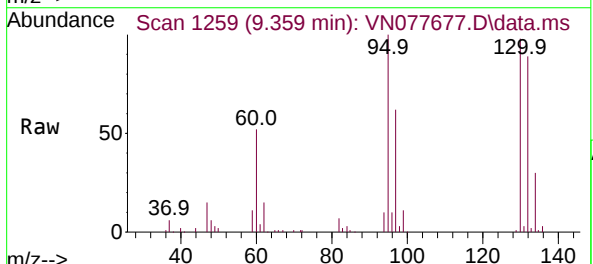
Tgt Ion: 43 Resp: 205930
Ion Ratio Lower Upper
43 100
61 28.5 24.7 37.1
87 14.7 14.6 21.8

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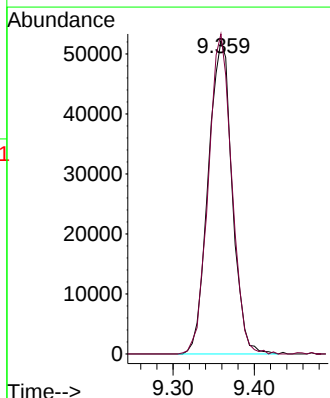
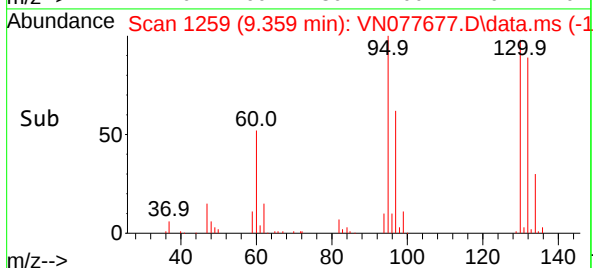
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

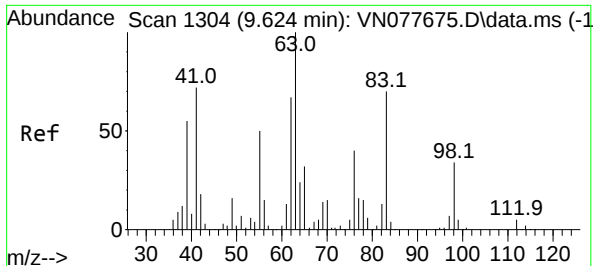


#44
Trichloroethene
Concen: 19.951 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



Tgt Ion:130 Resp: 106829
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.688 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 10619

Ion Ratio Lower Upper

63 100

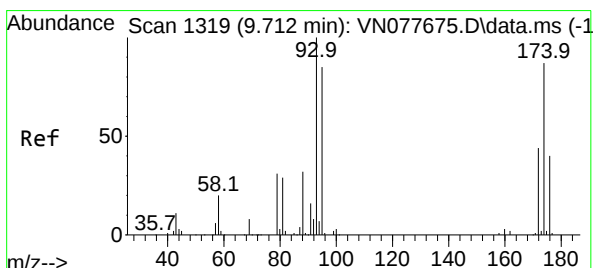
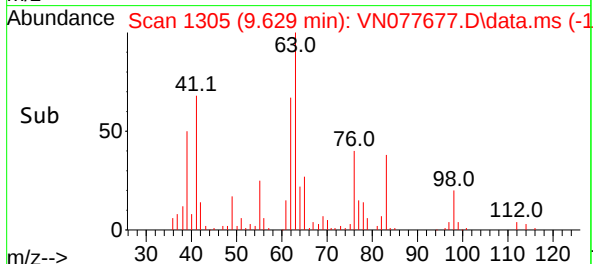
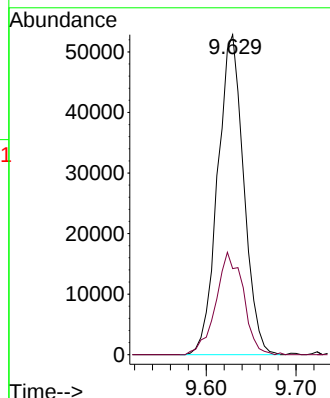
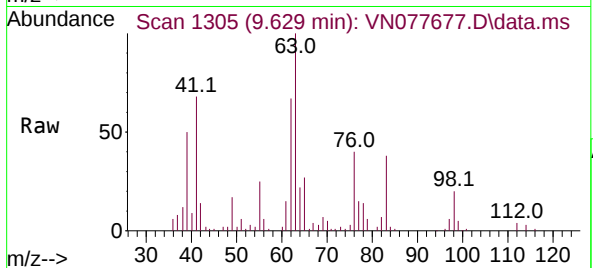
65 26.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#46

Dibromomethane

Concen: 19.486 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

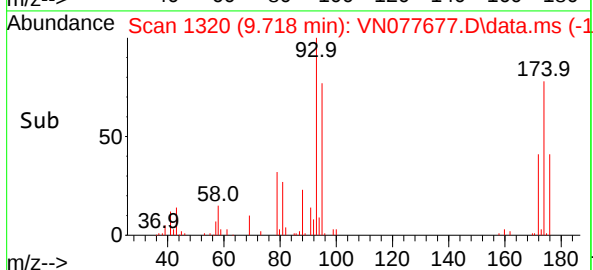
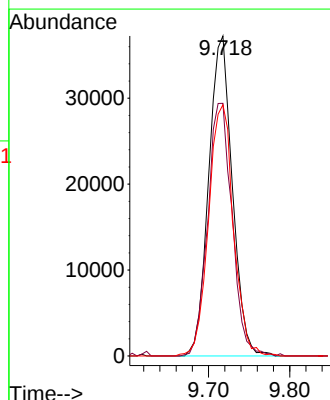
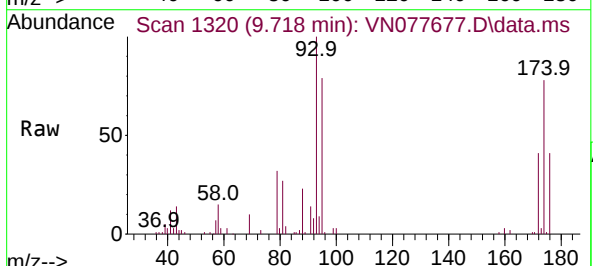
Tgt Ion: 93 Resp: 75213

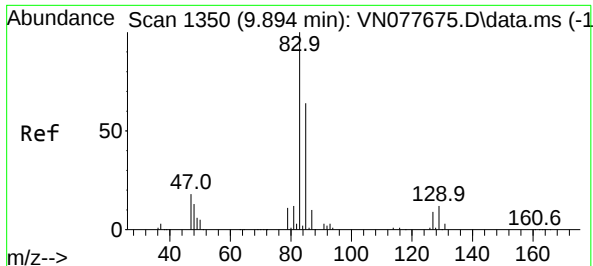
Ion Ratio Lower Upper

93 100

95 81.8 63.8 95.8

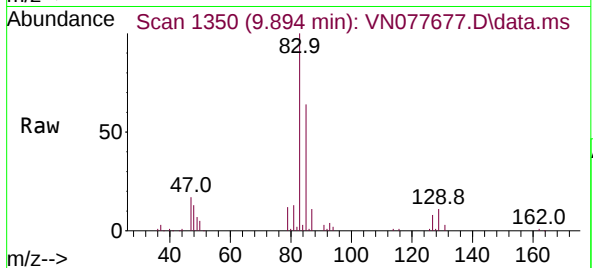
174 82.7 65.6 98.4





#47
Bromodichloromethane
Concen: 19.959 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

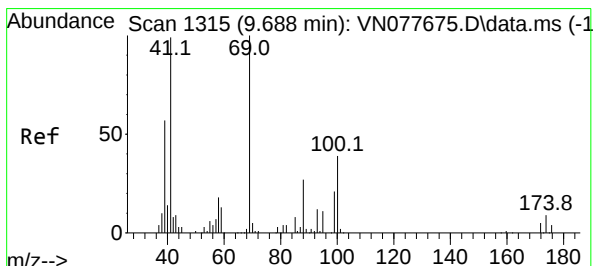
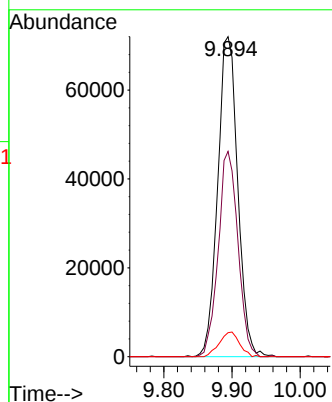
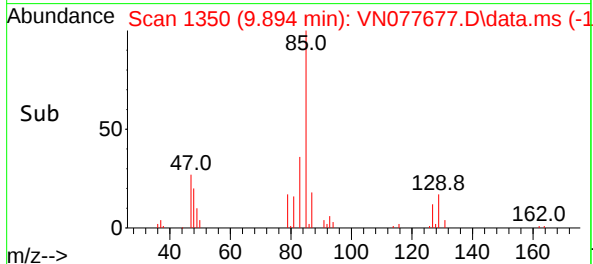
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 147490
Ion Ratio Lower Upper
83 100
85 64.2 49.6 74.4
127 7.5 7.0 10.6

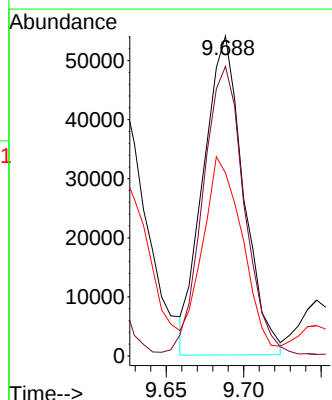
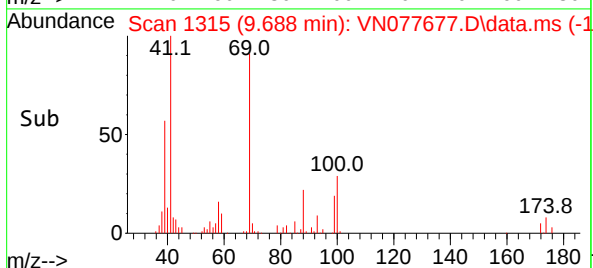
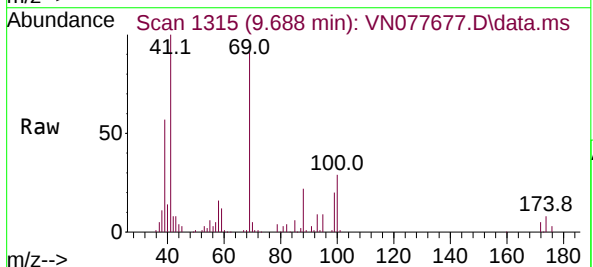
Manual Integrations
APPROVED

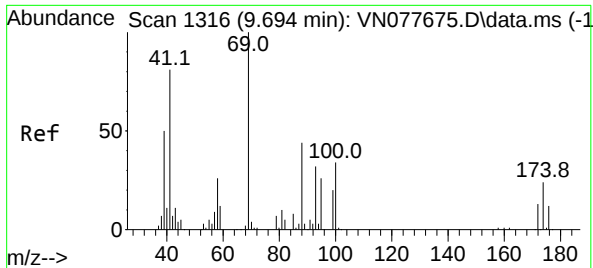
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#48
Methyl methacrylate
Concen: 19.658 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

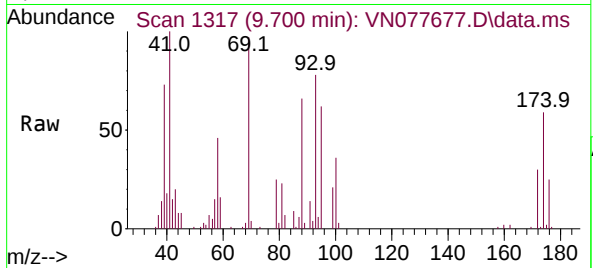
Tgt Ion: 41 Resp: 97236
Ion Ratio Lower Upper
41 100
69 93.5 90.4 135.6
39 62.8 54.6 81.8





#49
1,4-Dioxane
Concen: 405.584 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

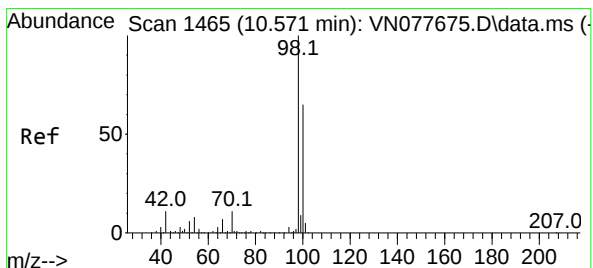
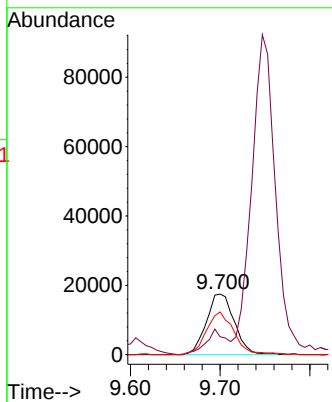
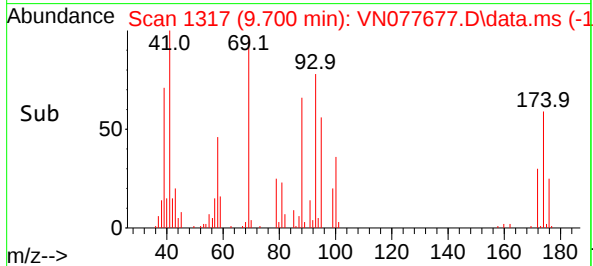
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



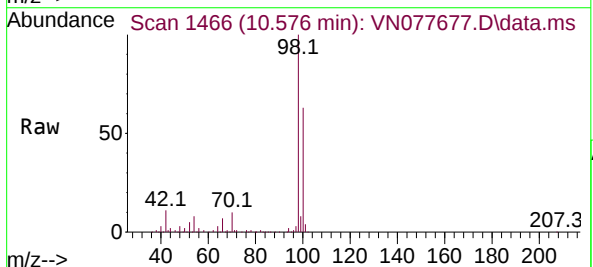
Tgt Ion: 88 Resp: 37890
Ion Ratio Lower Upper
88 100
43 29.9 17.0 25.6
58 69.6 47.0 70.4

Manual Integrations
APPROVED

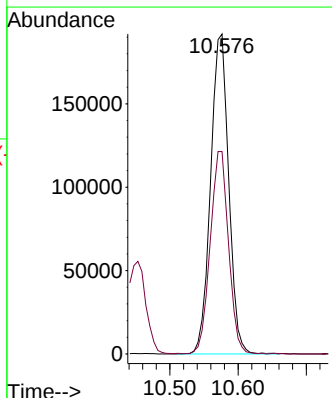
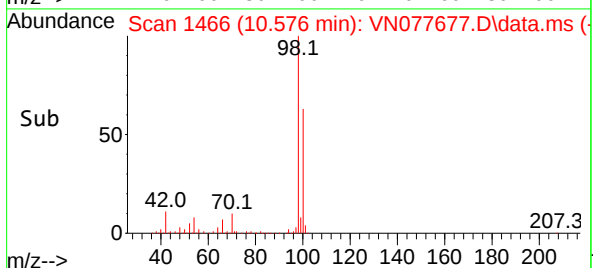
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

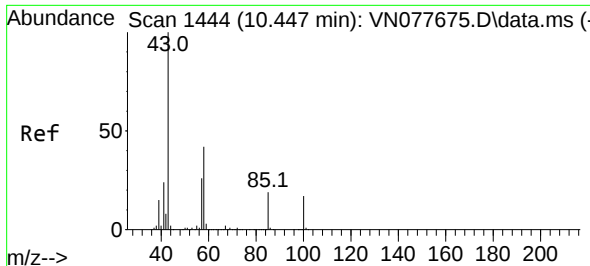


#50
Toluene-d8
Concen: 18.779 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



Tgt Ion: 98 Resp: 354134
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





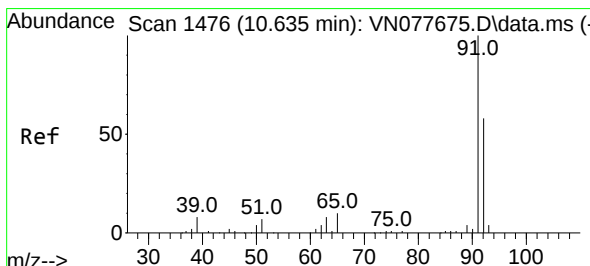
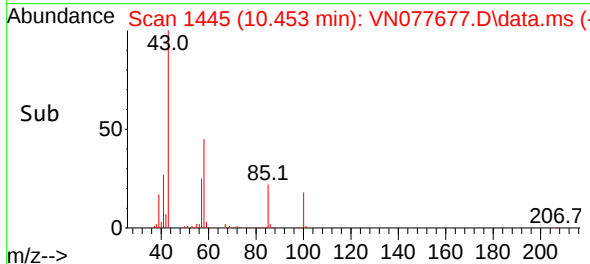
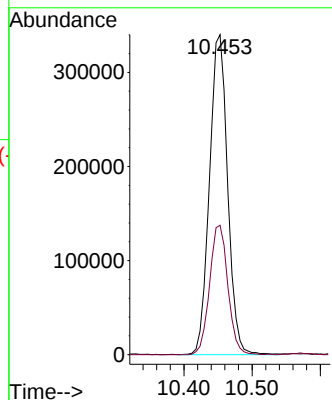
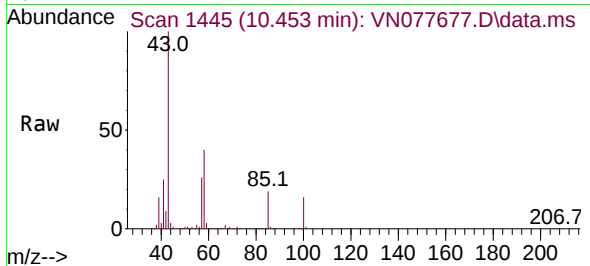
#51
4-Methyl-2-Pentanone
Concen: 101.724 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 630840
Ion Ratio Lower Upper
43 100
58 40.7 36.6 54.8

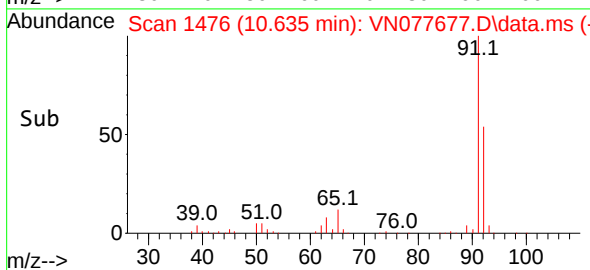
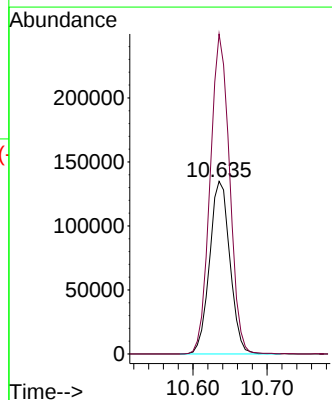
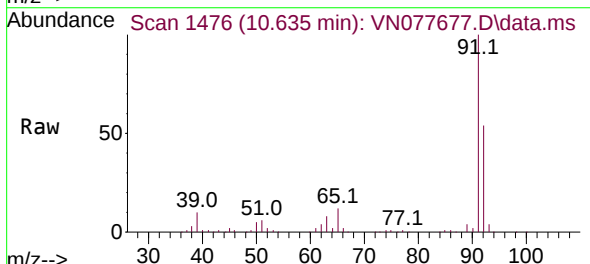
Manual Integrations
APPROVED

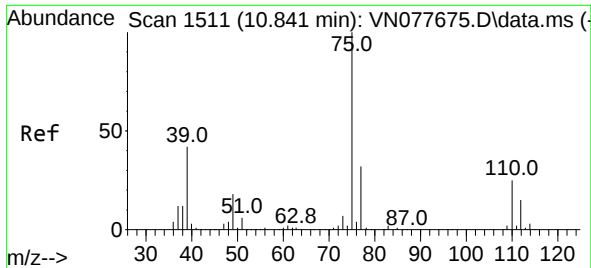
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#52
Toluene
Concen: 19.515 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Tgt Ion: 92 Resp: 256919
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.478 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

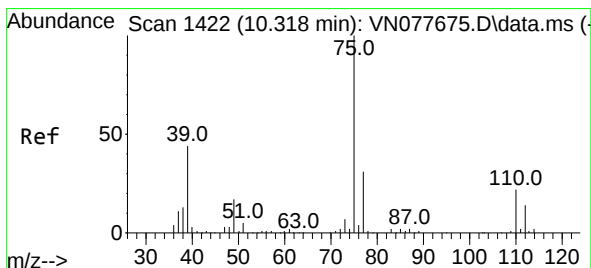
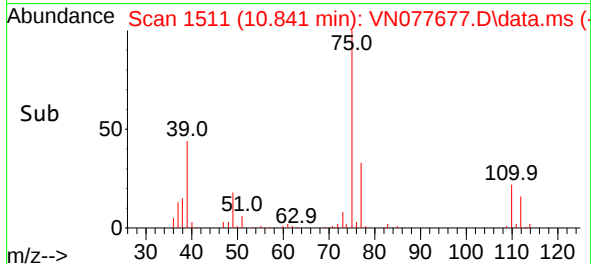
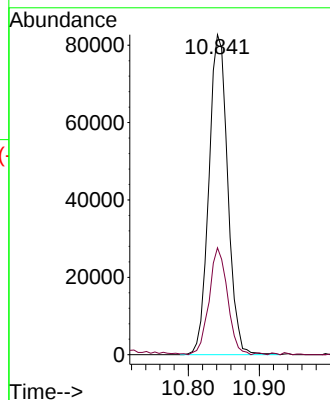
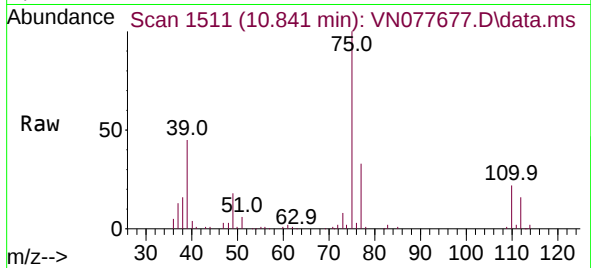
VSTDIC020

Tgt Ion: 75 Resp: 152424
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0

Manual Integrations

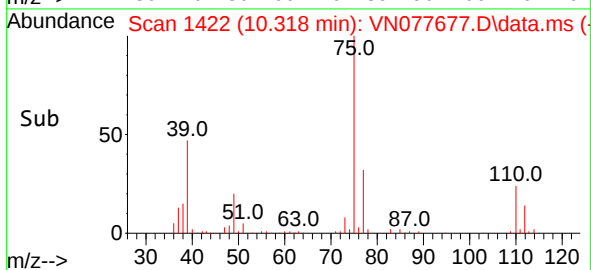
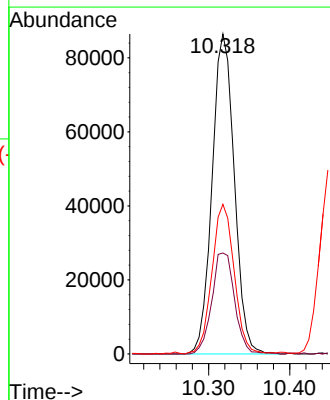
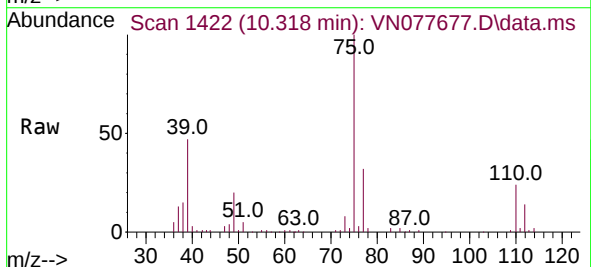
APPROVED

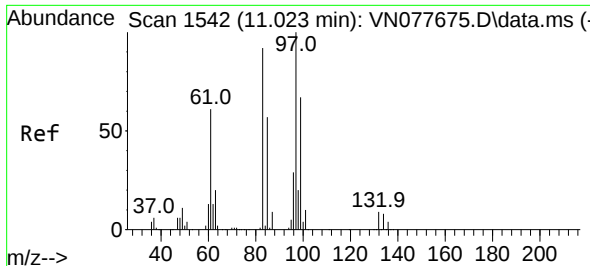
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#54
cis-1,3-Dichloropropene
Concen: 19.044 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

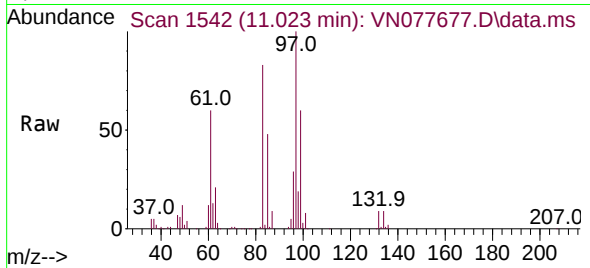
Tgt Ion: 75 Resp: 164225
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 46.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.721 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

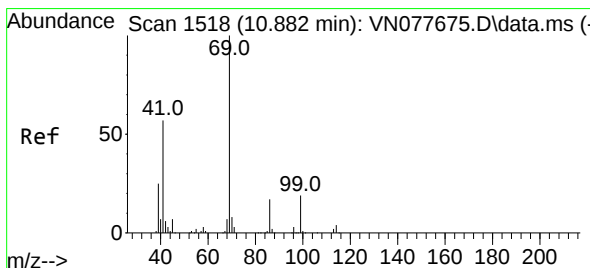
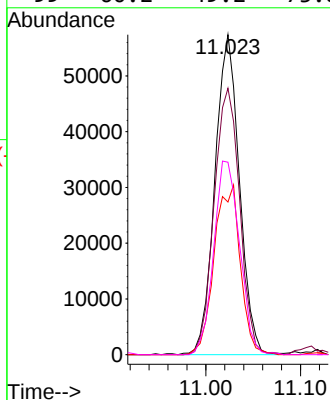
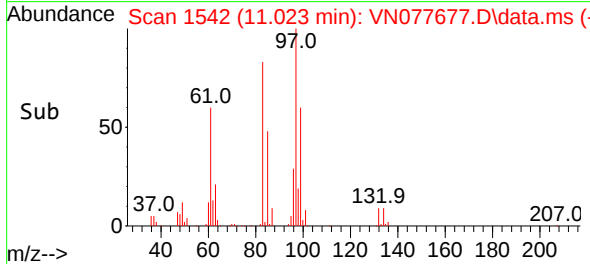
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	10308
Ion Ratio	100	Lower	Upper
97	100		
83	83.3	65.1	97.7
85	47.7	43.4	65.2
99	60.2	49.2	73.8

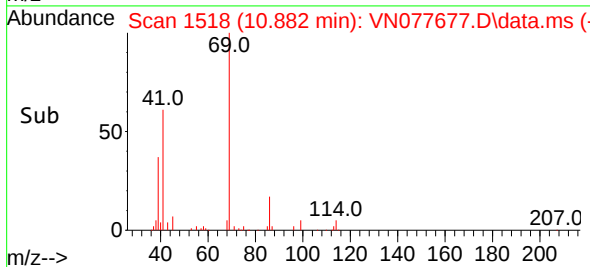
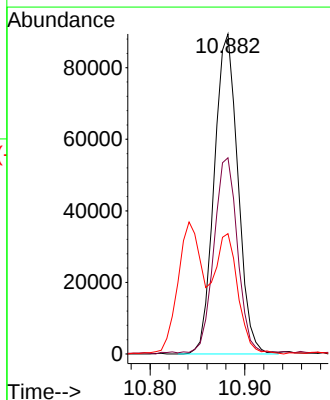
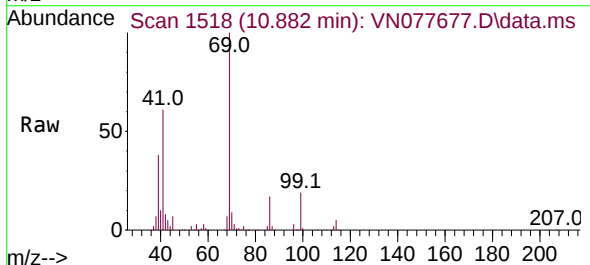
Manual Integrations
APPROVED

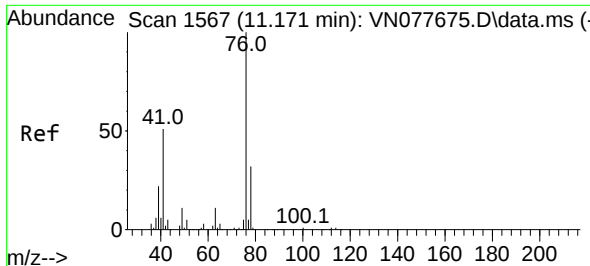
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#56
Ethyl methacrylate
Concen: 19.665 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Tgt Ion:	69	Resp:	155425
Ion Ratio	100	Lower	Upper
69	100		
41	60.6	39.6	59.4
39	33.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.851 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 177890

Ion Ratio Lower Upper

76 100

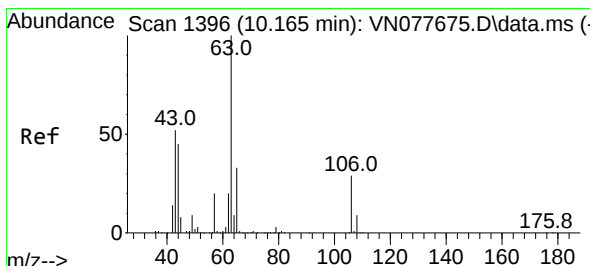
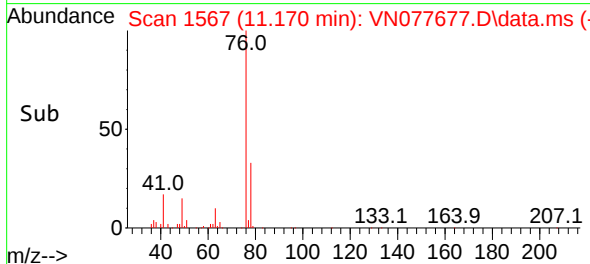
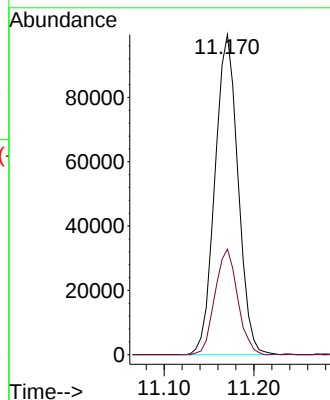
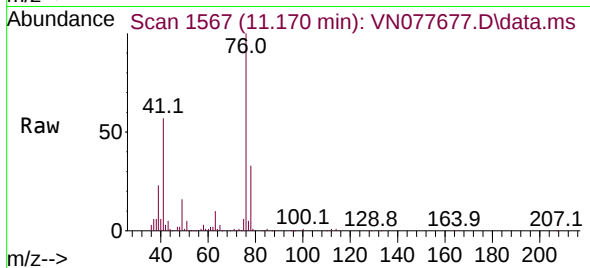
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.117 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077677.D

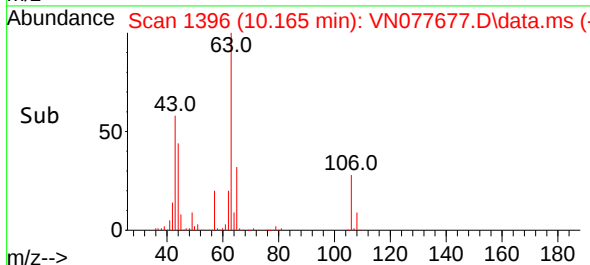
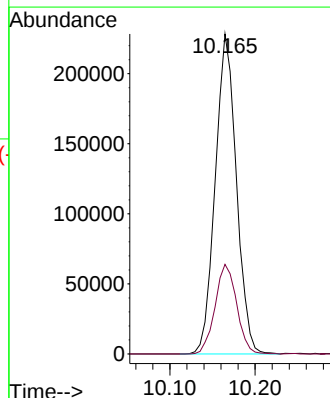
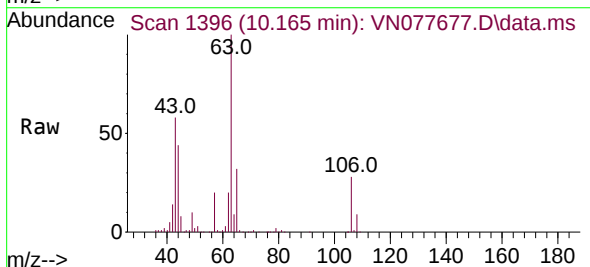
Acq: 15 May 2023 18:25

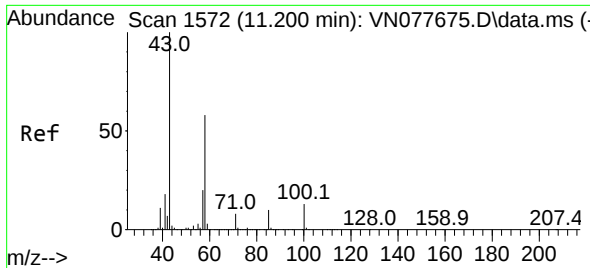
Tgt Ion: 63 Resp: 393178

Ion Ratio Lower Upper

63 100

106 28.6 26.2 39.4





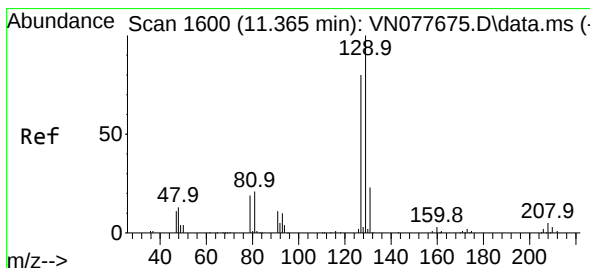
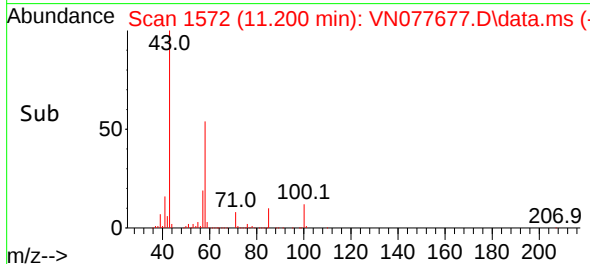
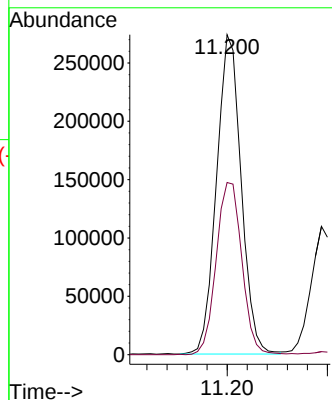
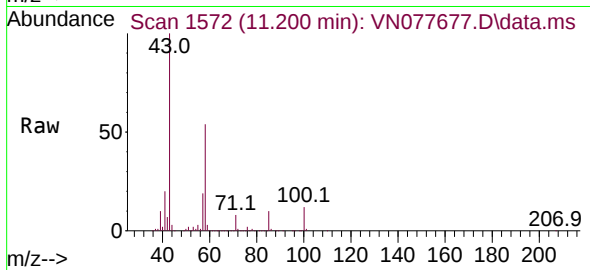
#59
2-Hexanone
Concen: 101.476 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 465472
Ion Ratio Lower Upper
43 100
58 56.2 31.7 95.1

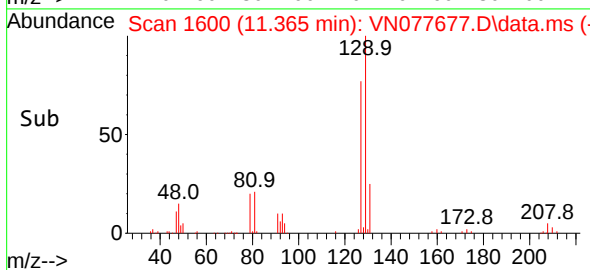
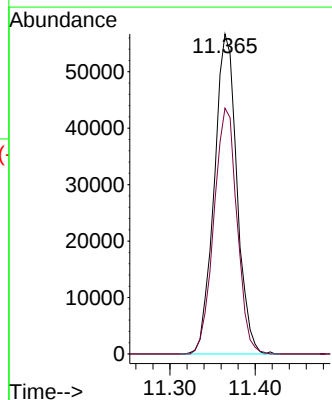
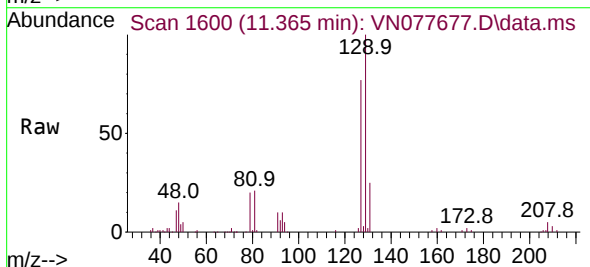
Manual Integrations
APPROVED

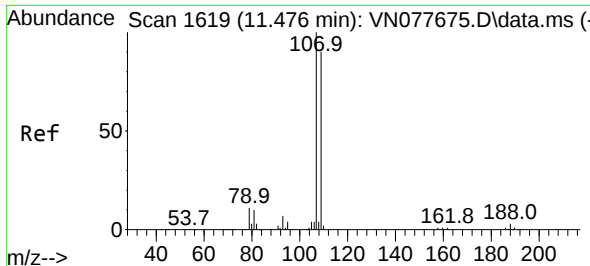
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#60
Dibromochloromethane
Concen: 19.418 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

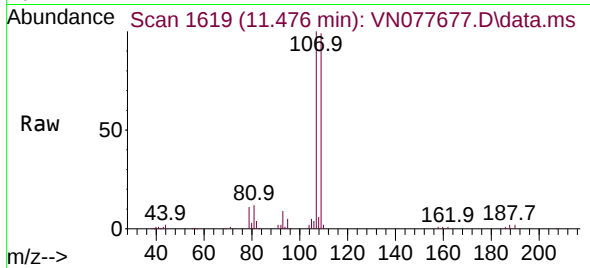
Tgt Ion:129 Resp: 104787
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.758 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

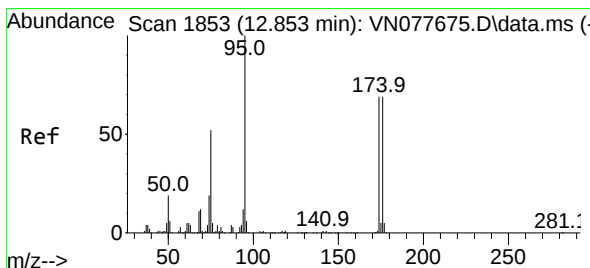
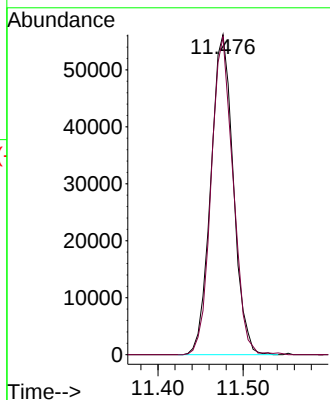
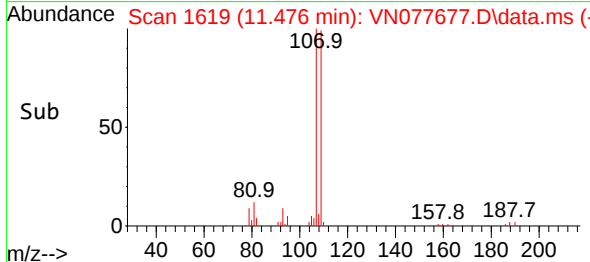
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



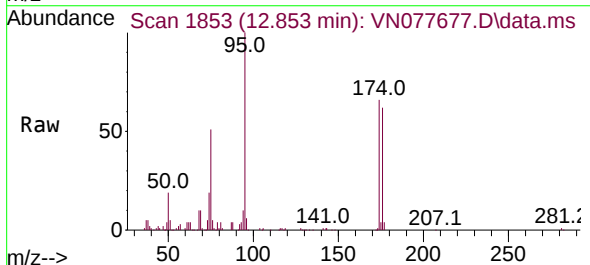
Tgt Ion:107 Resp: 103035
Ion Ratio Lower Upper
107 100
109 96.5 76.6 114.8

Manual Integrations
APPROVED

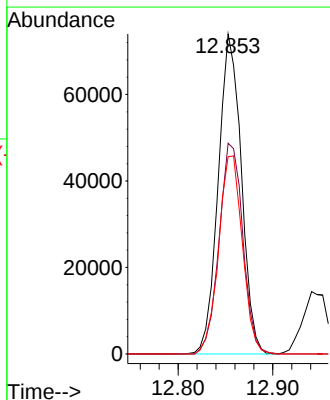
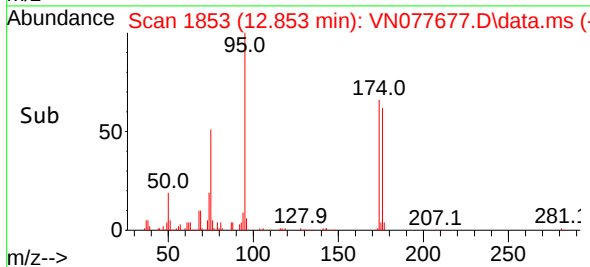
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

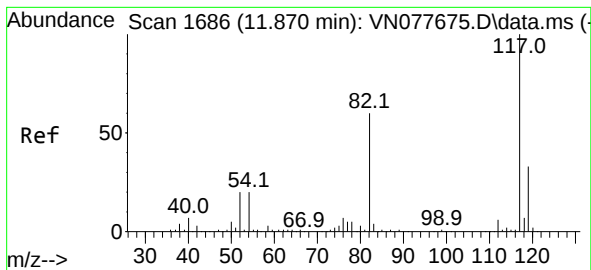


#62
4-Bromofluorobenzene
Concen: 18.773 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



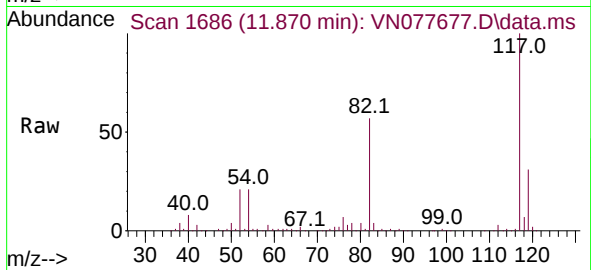
Tgt Ion: 95 Resp: 125035
Ion Ratio Lower Upper
95 100
174 67.9 0.0 143.8
176 63.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

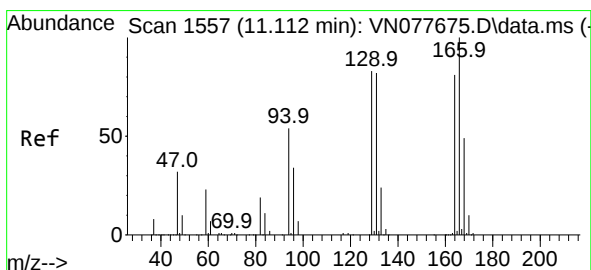
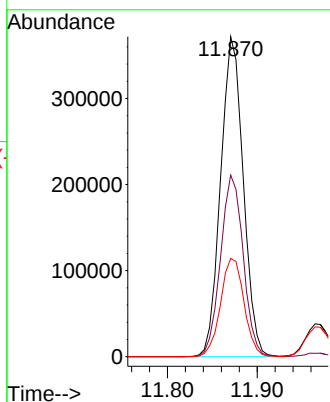
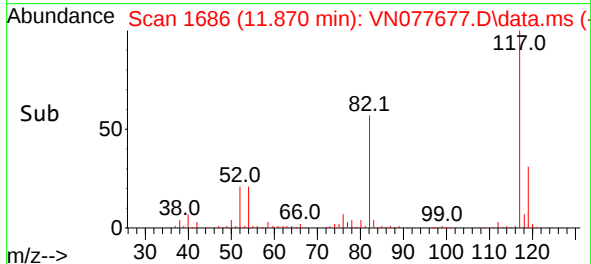
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



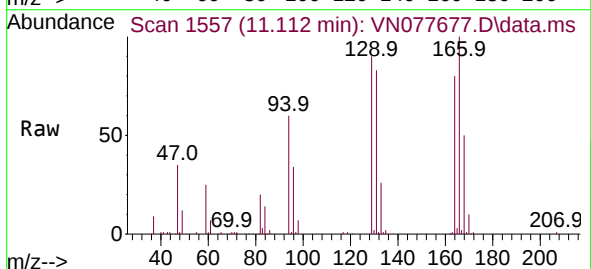
Tgt Ion:117 Resp: 651033
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 30.7 25.6 38.4

Manual Integrations
APPROVED

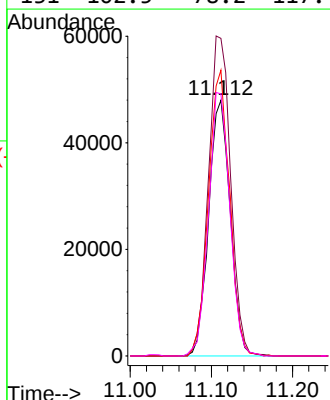
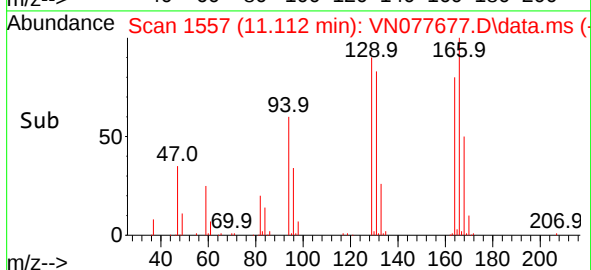
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

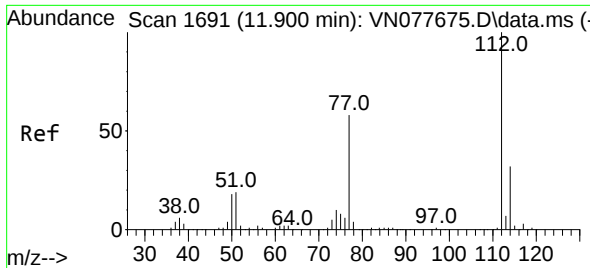


#64
Tetrachloroethene
Concen: 19.397 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



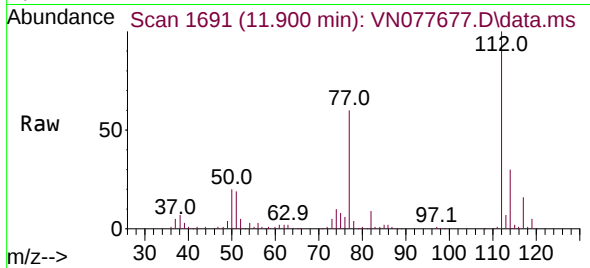
Tgt Ion:164 Resp: 88311
Ion Ratio Lower Upper
164 100
166 124.2 101.4 152.0
129 111.8 82.4 123.6
131 102.5 78.2 117.4





#65
Chlorobenzene
Concen: 19.878 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

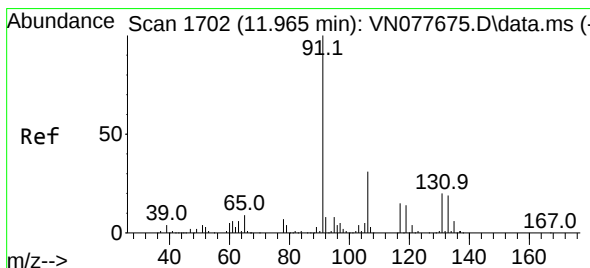
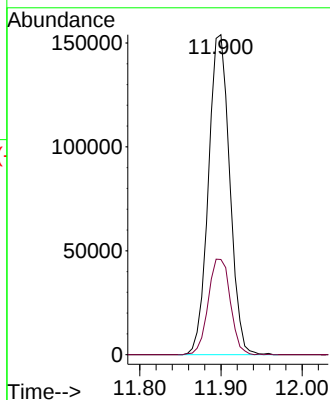
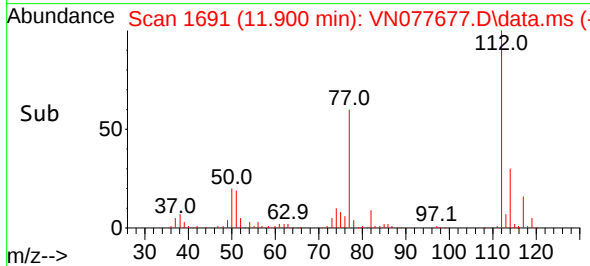
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



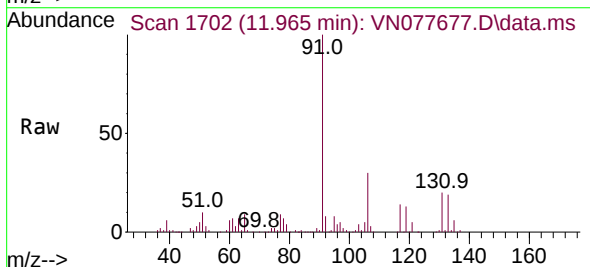
Tgt Ion:112 Resp: 280550
Ion Ratio Lower Upper
112 100
114 29.8 25.0 37.4

Manual Integrations
APPROVED

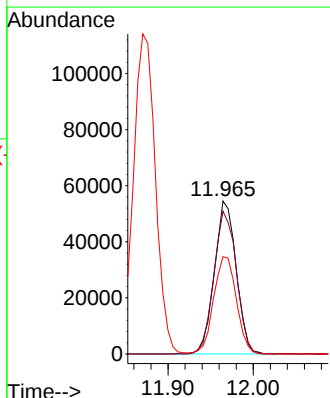
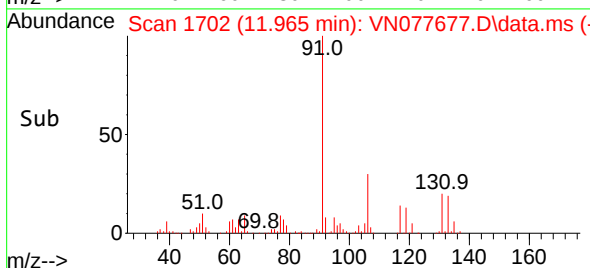
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

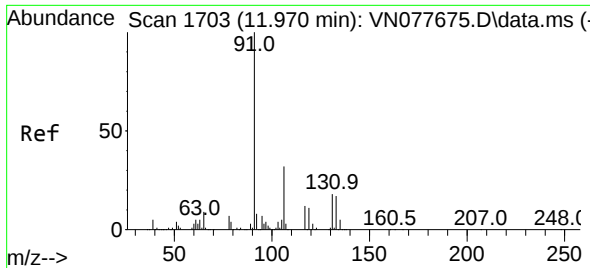


#66
1,1,1,2-Tetrachloroethane
Concen: 19.832 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



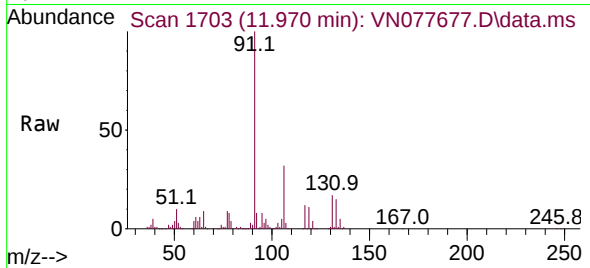
Tgt Ion:131 Resp: 96849
Ion Ratio Lower Upper
131 100
133 96.3 46.4 139.1
119 66.4 34.1 102.2





#67
Ethyl Benzene
Concen: 20.008 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

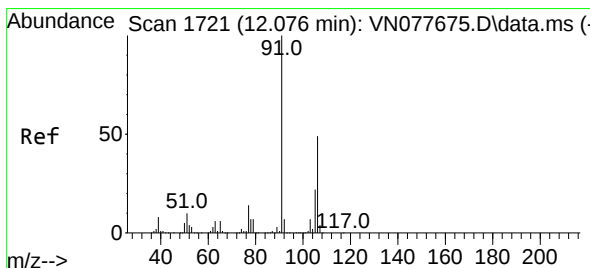
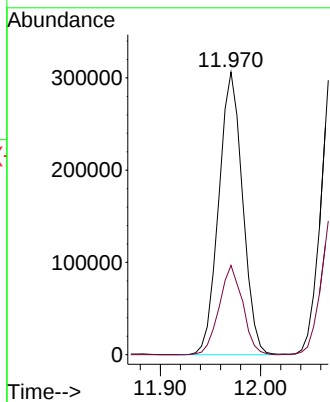
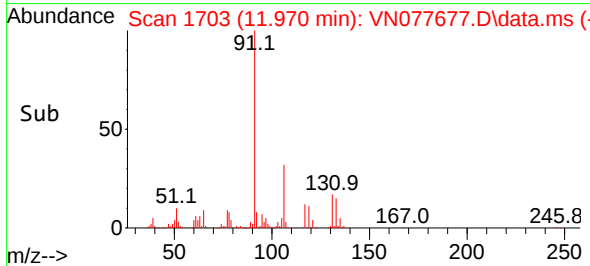
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



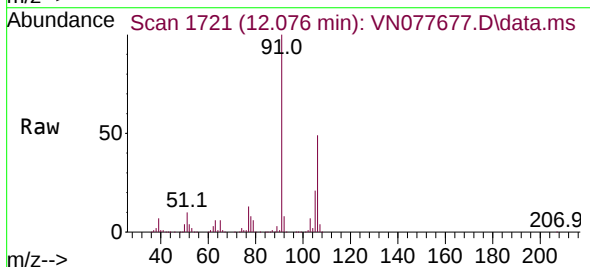
Tgt Ion: 91 Resp: 50604
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

Manual Integrations
APPROVED

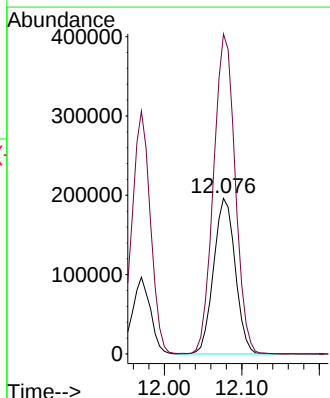
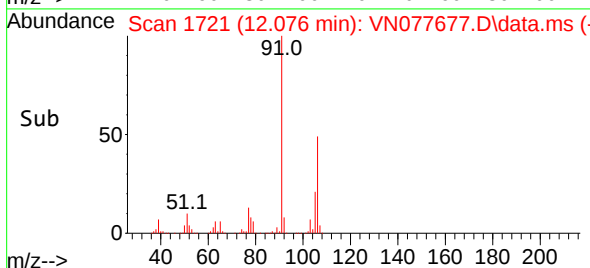
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

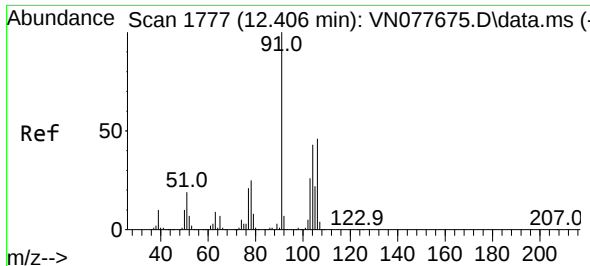


#68
m/p-Xylenes
Concen: 39.749 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



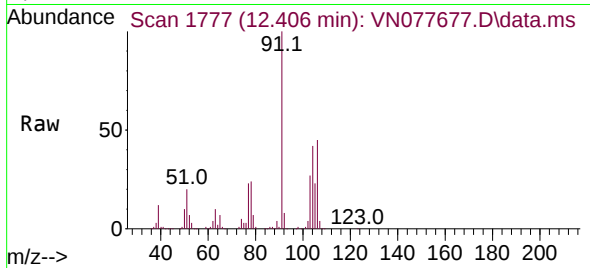
Tgt Ion:106 Resp: 380938
Ion Ratio Lower Upper
106 100
91 205.8 159.6 239.4





#69
o-Xylene
Concen: 20.076 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

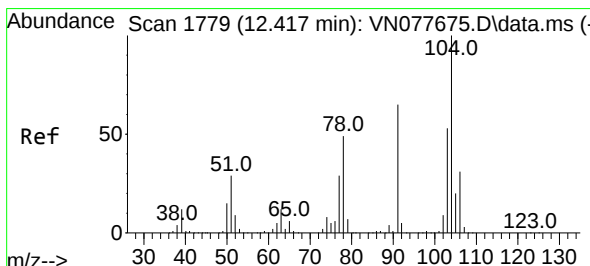
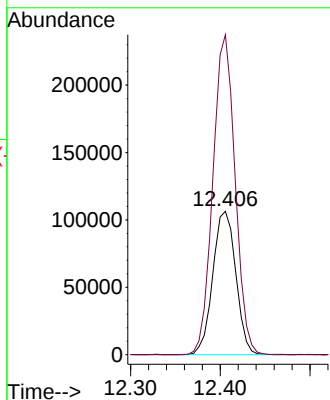
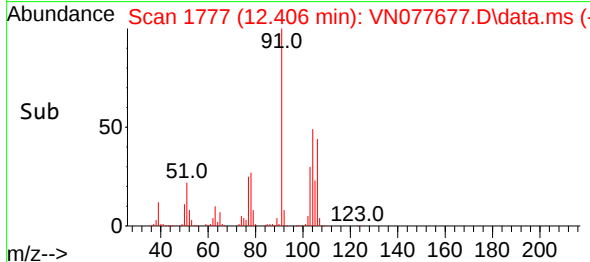
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



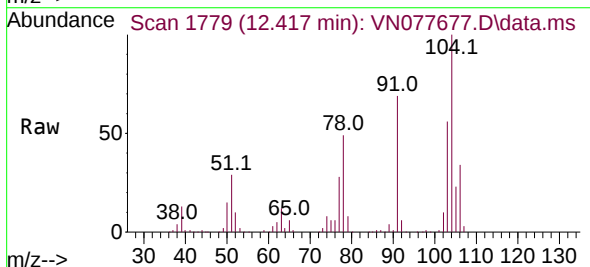
Tgt Ion:106 Resp: 18921
Ion Ratio Lower Upper
106 100
91 215.7 105.2 315.5

Manual Integrations
APPROVED

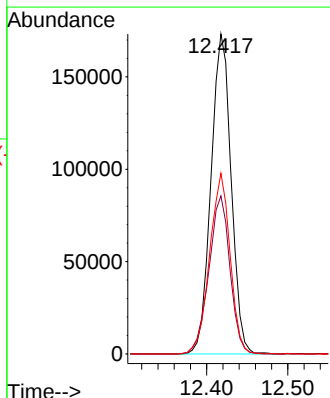
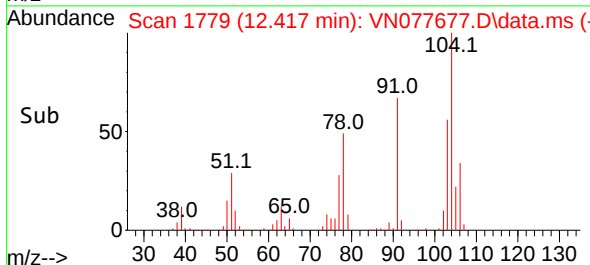
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

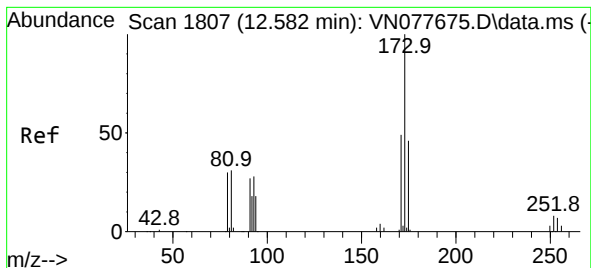


#70
Styrene
Concen: 19.924 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



Tgt Ion:104 Resp: 298303
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 57.3 43.2 64.8





#71

Bromoform

Concen: 19.928 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

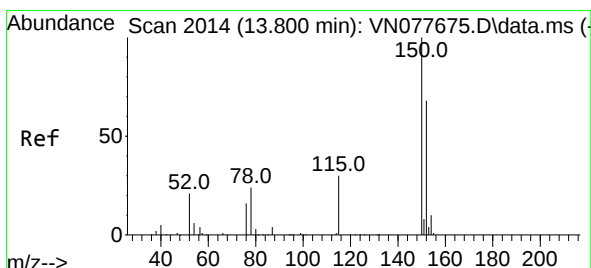
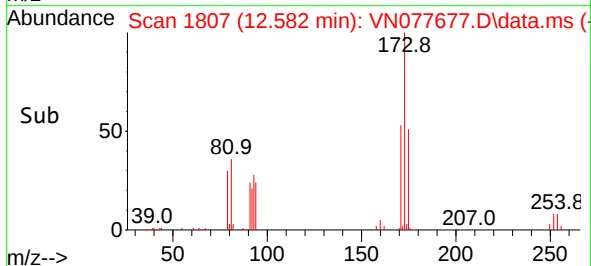
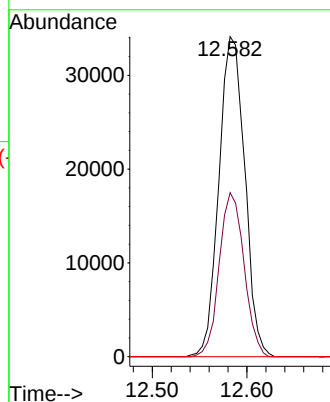
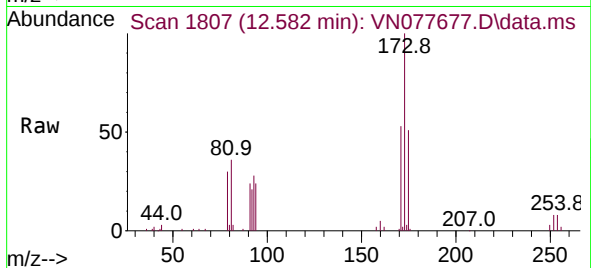
Tgt Ion:173 Resp: 64740
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

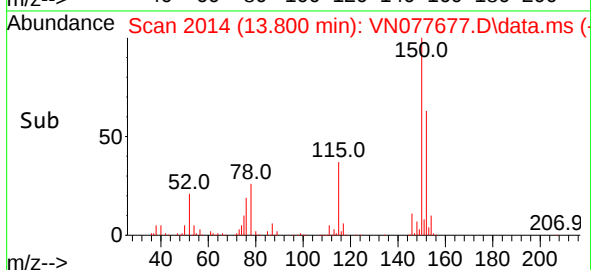
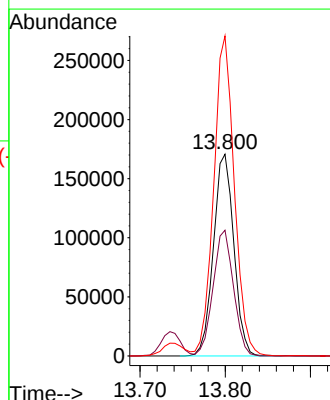
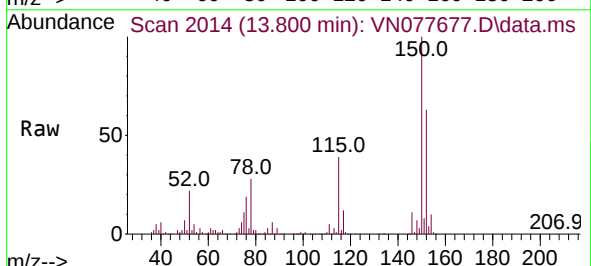
RT: 13.800 min Scan# 2014

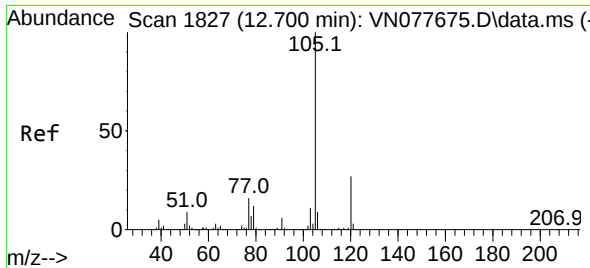
Delta R.T. -0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

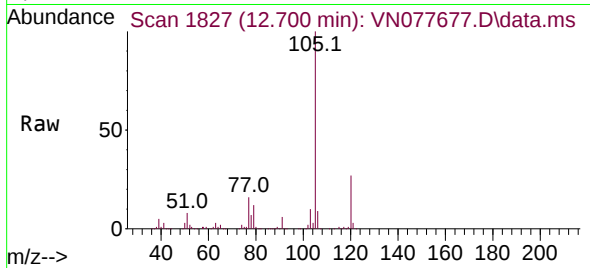
Tgt Ion:152 Resp: 283814
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 160.6 0.0 355.8





#73
Isopropylbenzene
Concen: 19.955 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

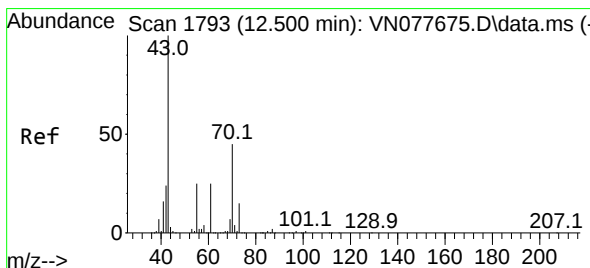
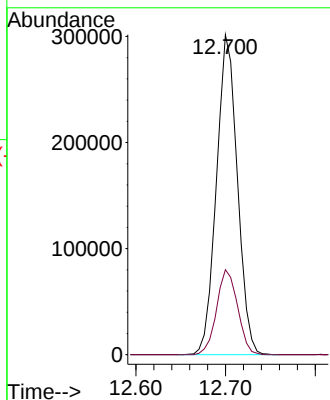
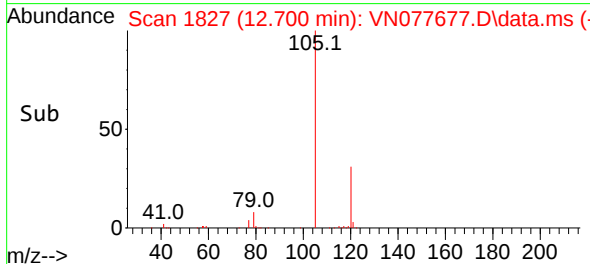
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



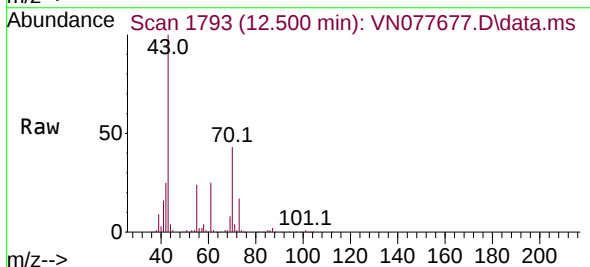
Tgt Ion:105 Resp: 48820
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

Manual Integrations
APPROVED

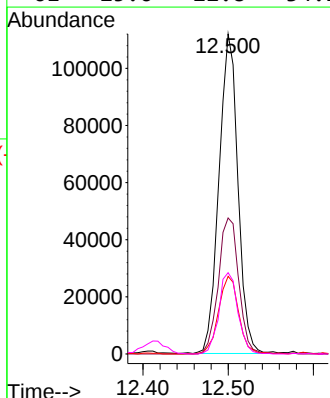
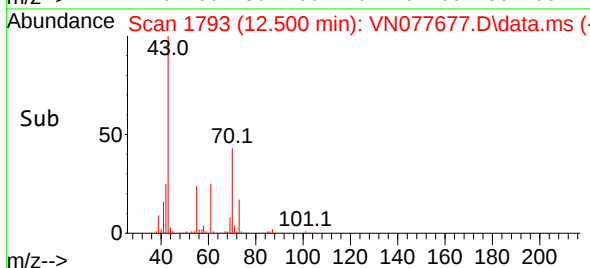
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

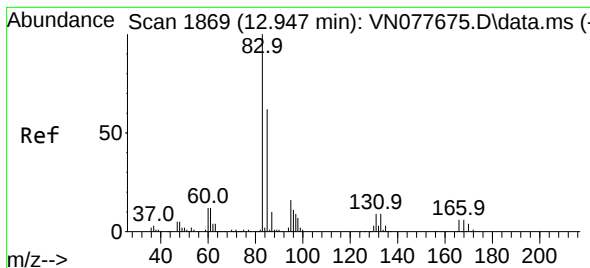


#74
N-ethyl acetate
Concen: 19.133 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



Tgt Ion: 43 Resp: 173016
Ion Ratio Lower Upper
43 100
70 45.7 43.4 65.2
55 25.9 21.4 32.0
61 25.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.159 ug/l

RT: 12.941 min Scan# 1869

Delta R.T. -0.006 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 144200

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

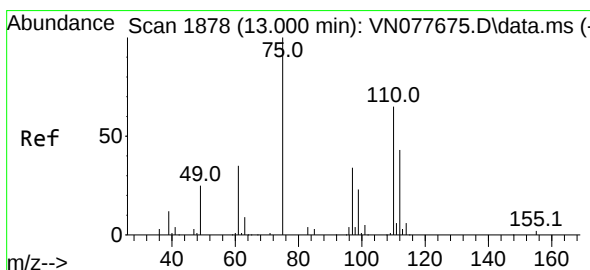
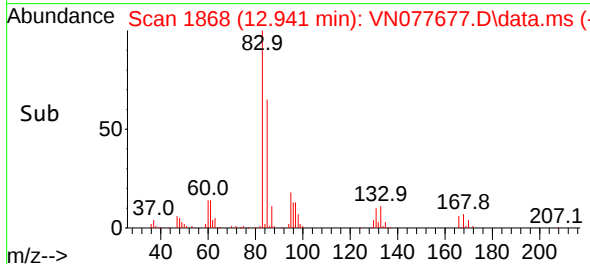
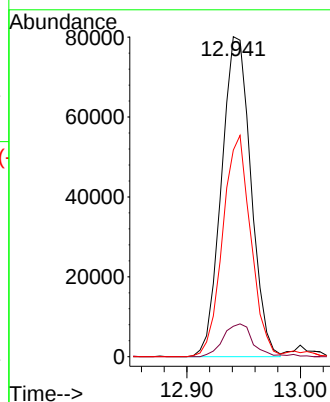
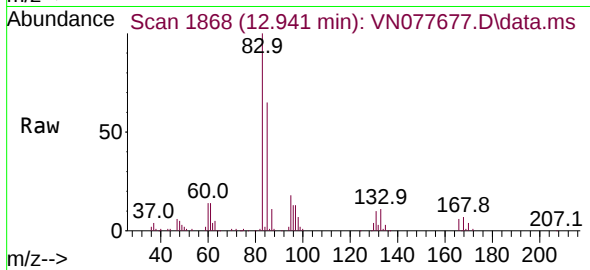
85 66.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#76

1,2,3-Trichloropropane

Concen: 19.156 ug/l m

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077677.D

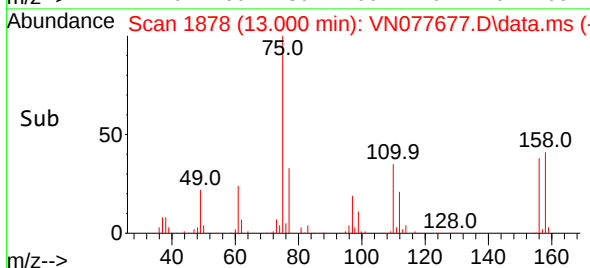
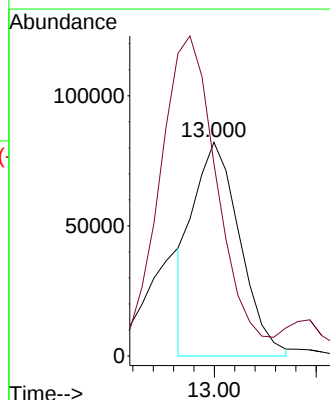
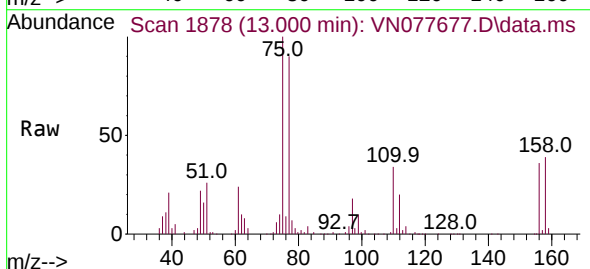
Acq: 15 May 2023 18:25

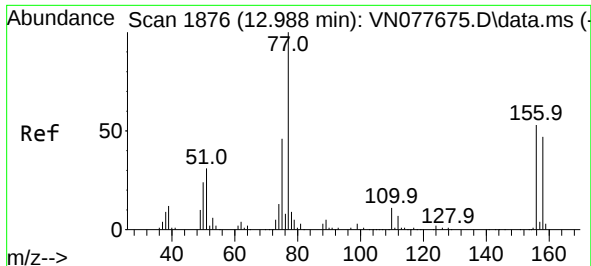
Tgt Ion: 75 Resp: 131290

Ion Ratio Lower Upper

75 100

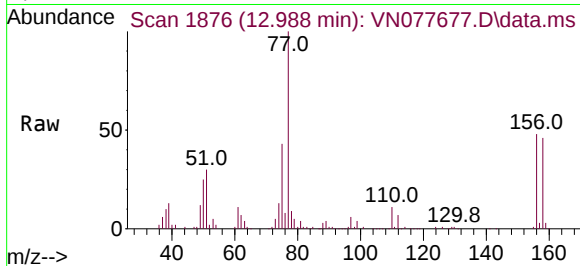
77 187.3 84.5 253.5





#77
Bromobenzene
Concen: 18.737 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

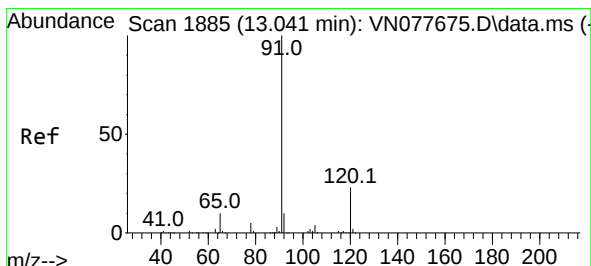
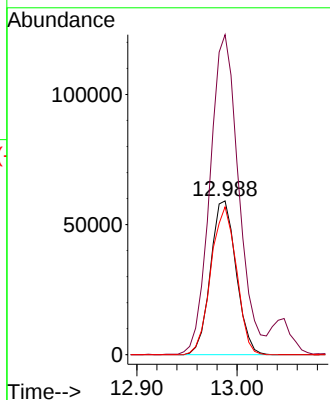
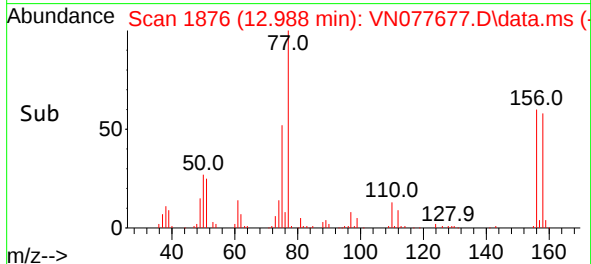
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:156 Resp: 104608
Ion Ratio Lower Upper
156 100
77 235.1 107.7 323.3
158 95.6 48.4 145.3

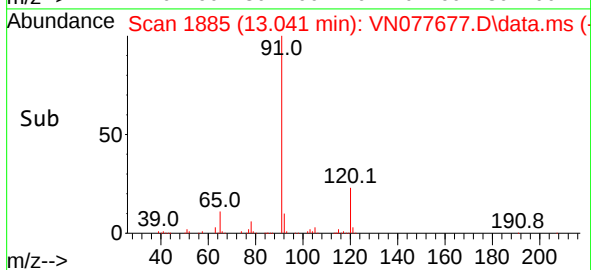
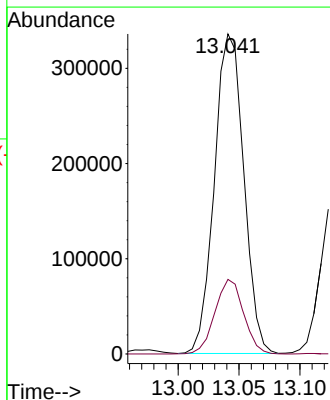
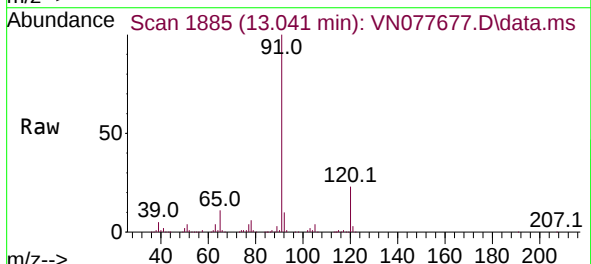
Manual Integrations
APPROVED

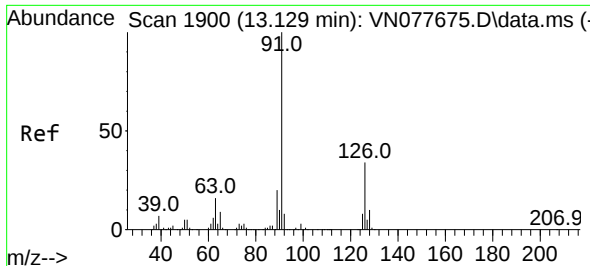
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#78
n-propylbenzene
Concen: 19.519 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Tgt Ion: 91 Resp: 562978
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





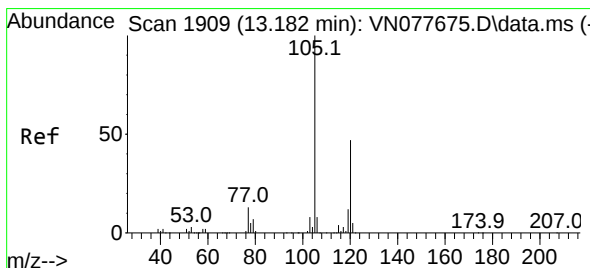
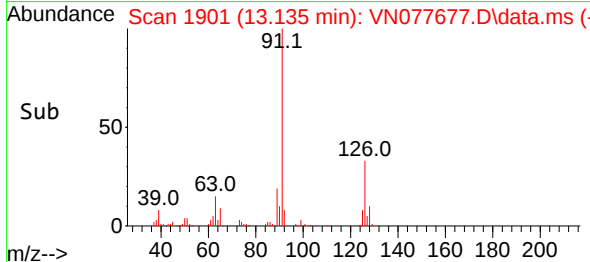
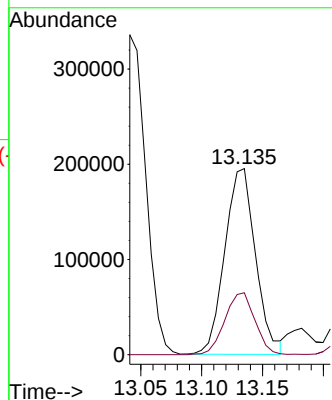
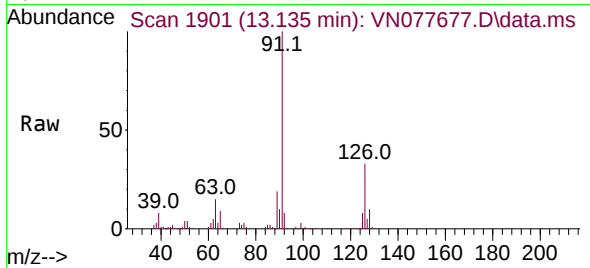
#79
2-Chlorotoluene
Concen: 19.924 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 342915
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

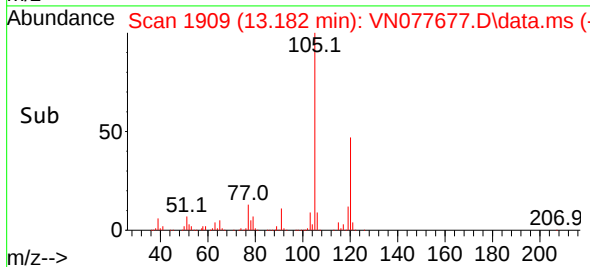
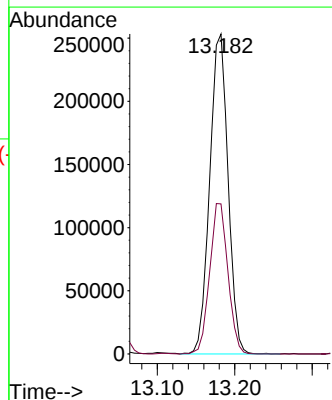
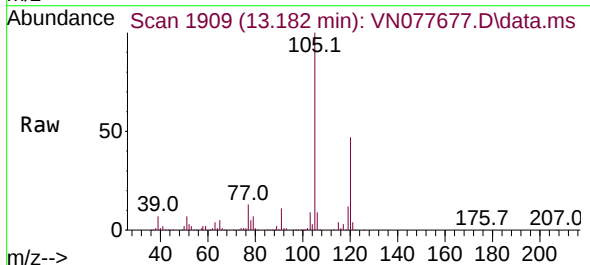
Manual Integrations
APPROVED

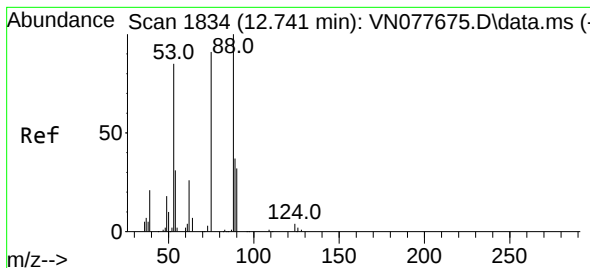
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.235 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

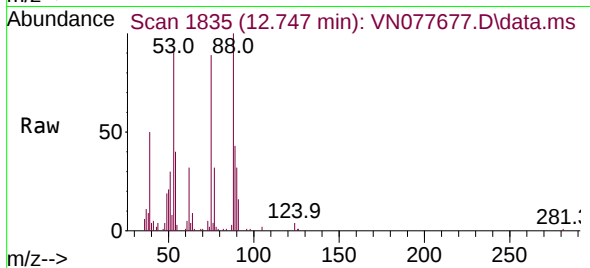
Tgt Ion:105 Resp: 416067
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.929 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

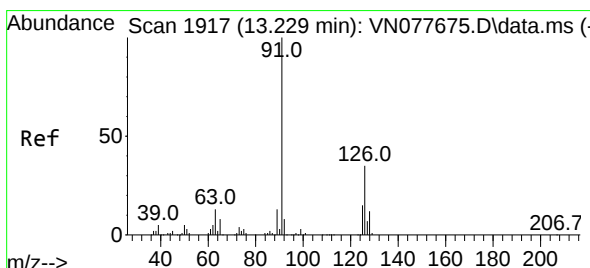
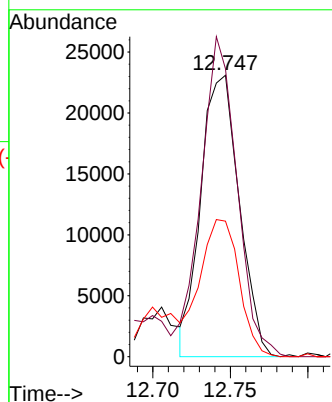
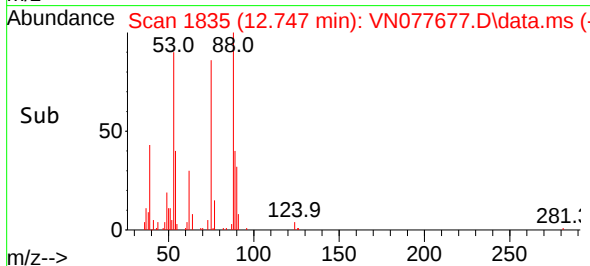
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 39860
Ion Ratio Lower Upper
75 100
53 106.8 67.4 101.2
89 49.9 38.8 58.2

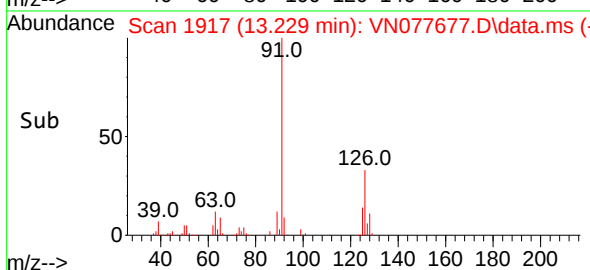
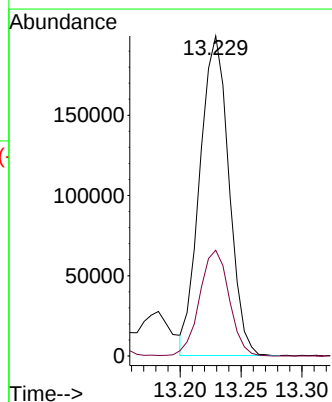
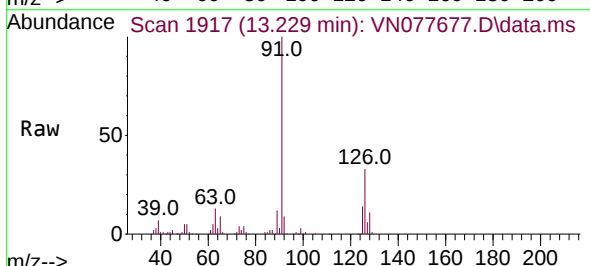
Manual Integrations
APPROVED

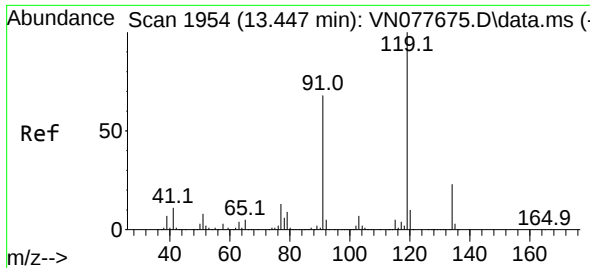
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#82
4-Chlorotoluene
Concen: 19.277 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Tgt Ion: 91 Resp: 330108
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 19.823 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

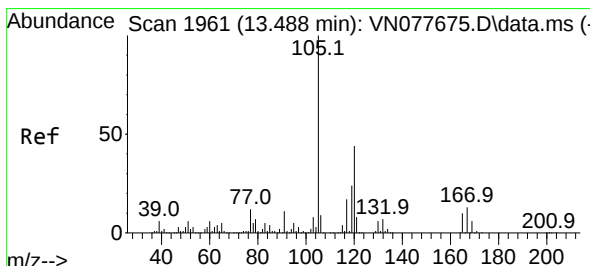
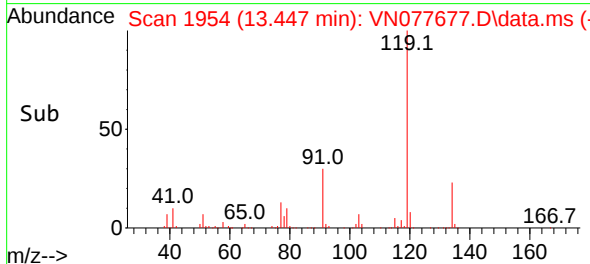
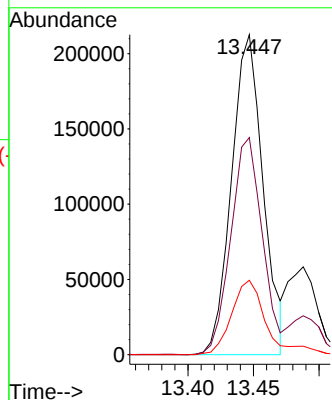
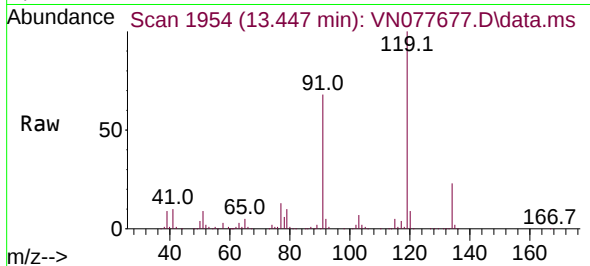
Tgt Ion:119 Resp: 355830
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 25.5 13.2 39.6

Manual Integrations

APPROVED

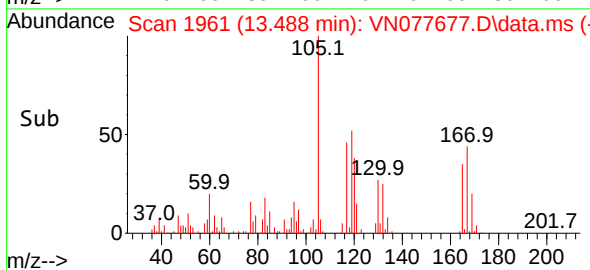
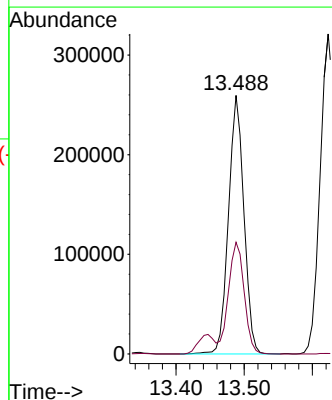
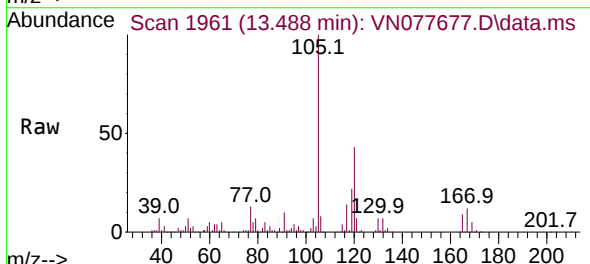
Reviewed By :John Carlone 05/16/2023

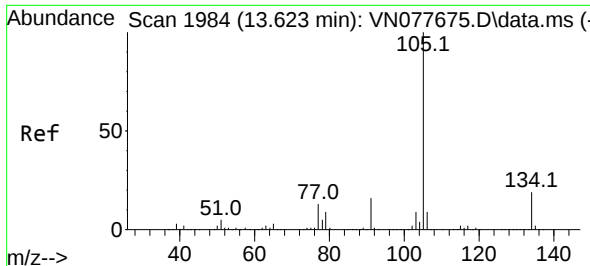
Supervised By :Mahesh Dadoda 05/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.190 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Tgt Ion:105 Resp: 408280
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





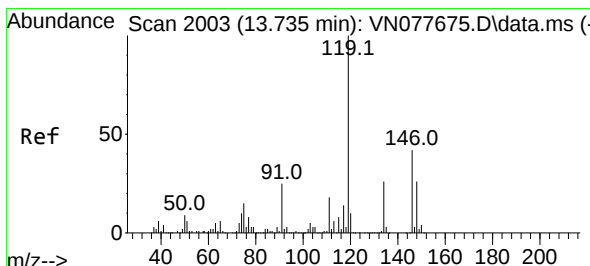
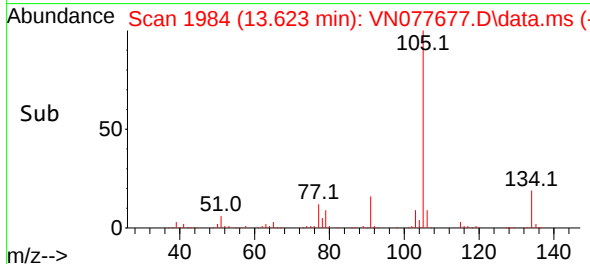
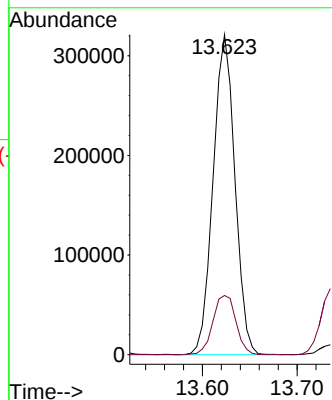
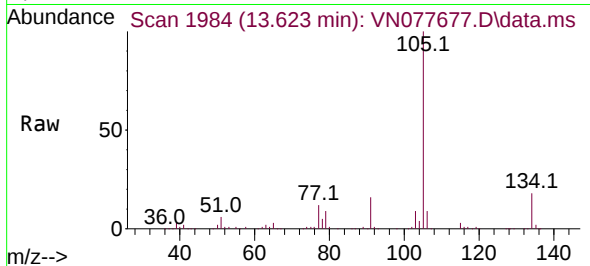
#85
 sec-Butylbenzene
 Concen: 20.124 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077677.D
 Acq: 15 May 2023 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 51337
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

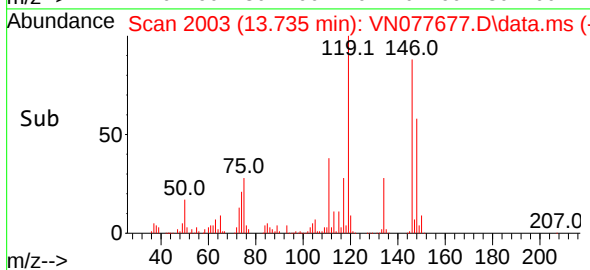
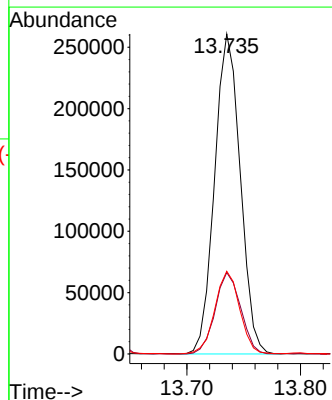
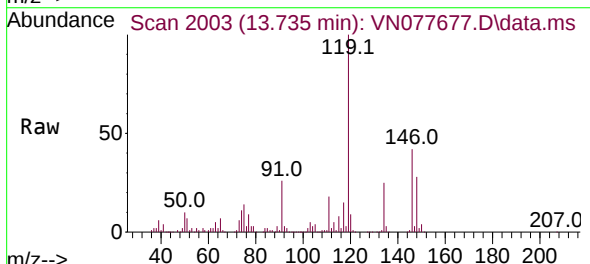
Manual Integrations
 APPROVED

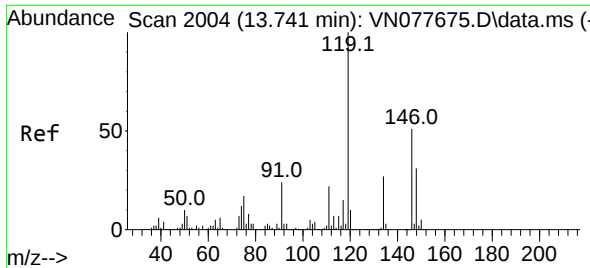
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#86
 p-Isopropyltoluene
 Concen: 20.103 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077677.D
 Acq: 15 May 2023 18:25

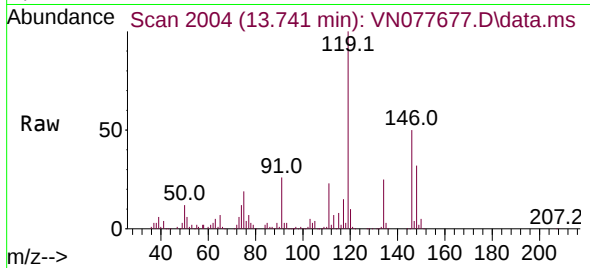
Tgt Ion:119 Resp: 408858
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 18.894 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

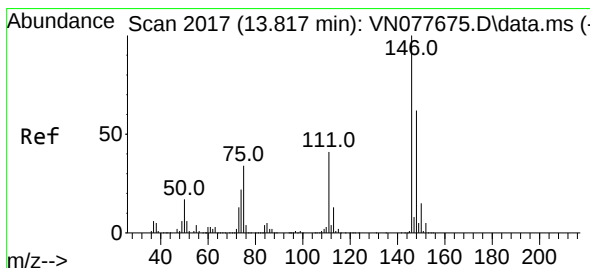
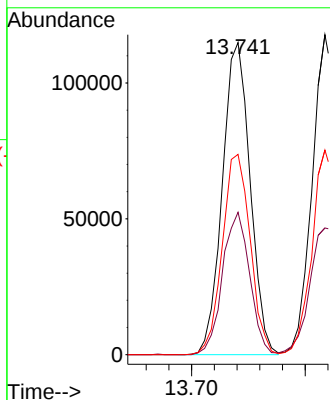
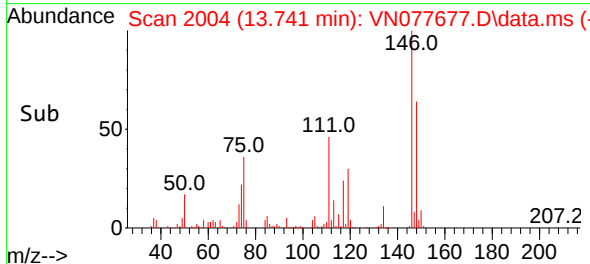
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



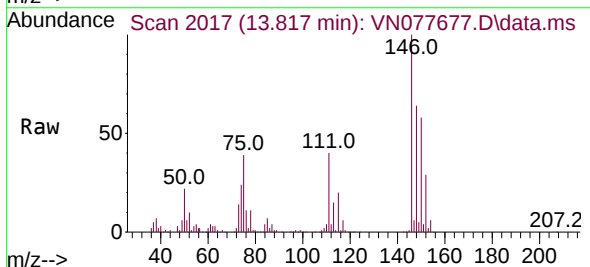
Tgt Ion:146 Resp: 195079
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.3
148 64.5 32.0 96.0

Manual Integrations
APPROVED

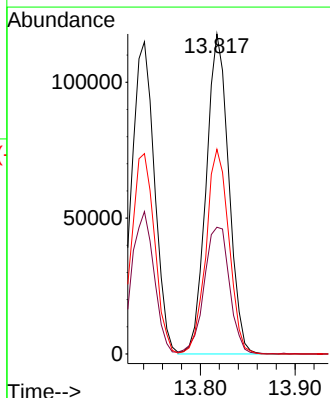
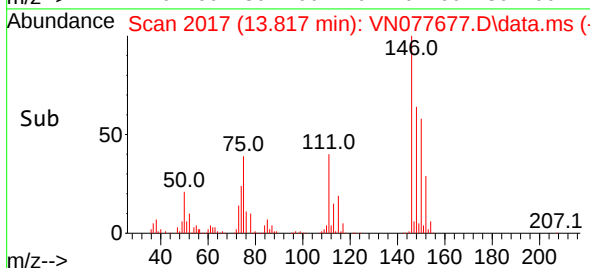
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

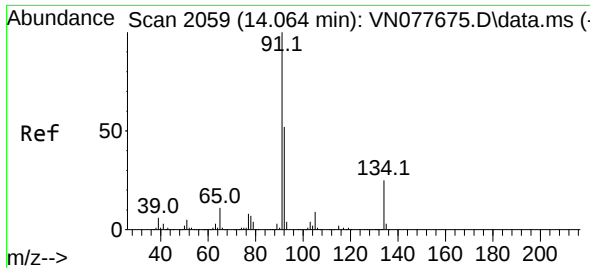


#88
1,4-Dichlorobenzene
Concen: 19.042 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



Tgt Ion:146 Resp: 195096
Ion Ratio Lower Upper
146 100
111 44.6 20.6 61.8
148 64.8 31.6 94.8





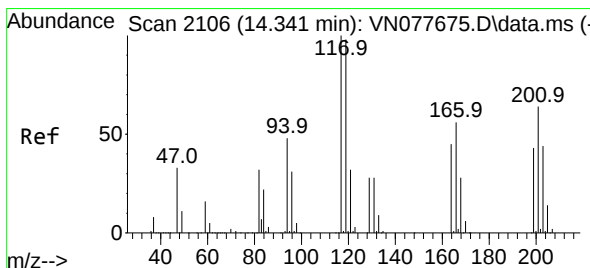
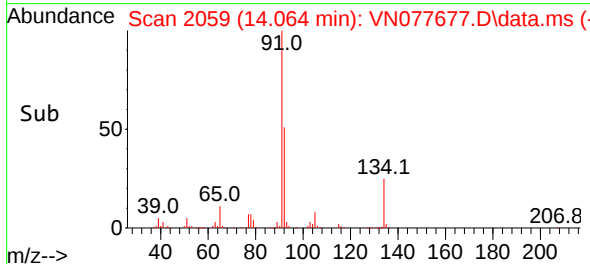
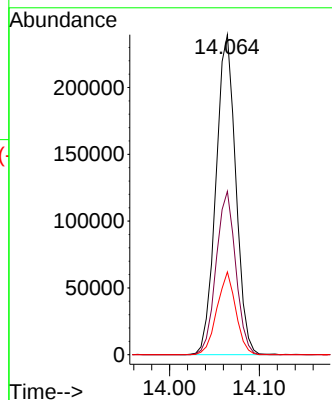
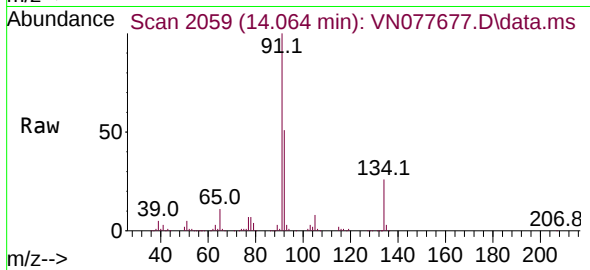
#89
n-Butylbenzene
Concen: 19.639 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 36737
Ion Ratio Lower Upper
91 100
92 50.5 26.4 79.0
134 24.6 12.6 37.6

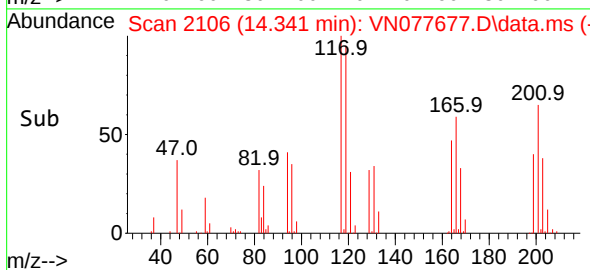
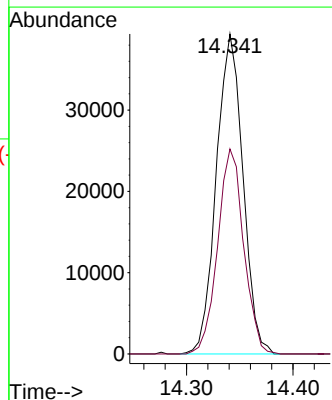
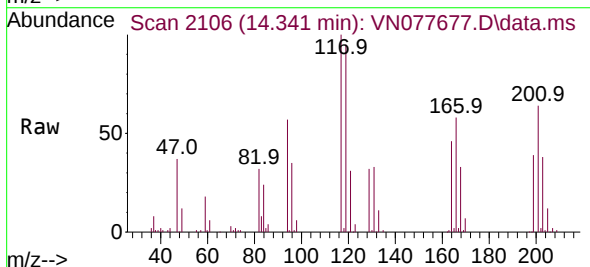
Manual Integrations
APPROVED

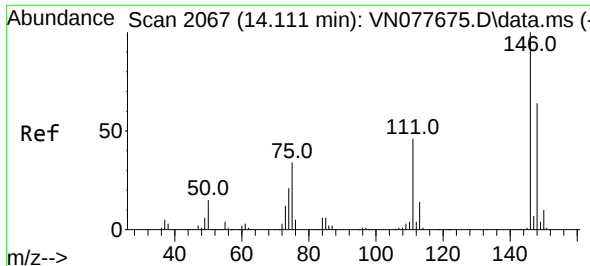
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#90
Hexachloroethane
Concen: 20.434 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

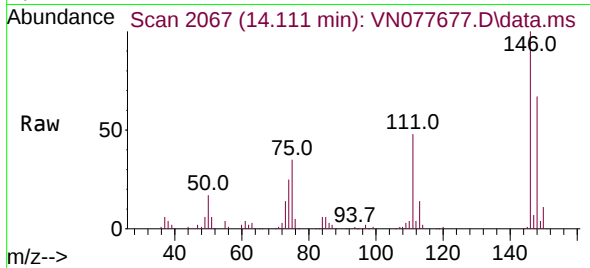
Tgt Ion:117 Resp: 68270
Ion Ratio Lower Upper
117 100
201 62.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 20.191 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

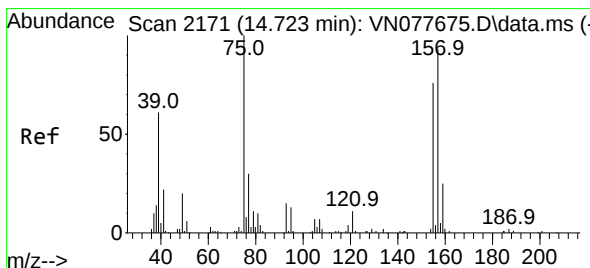
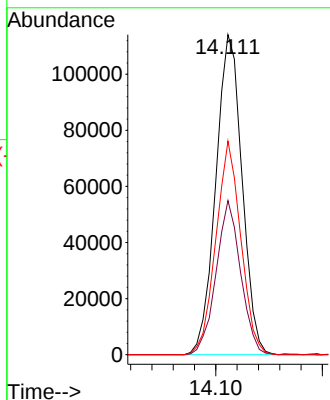
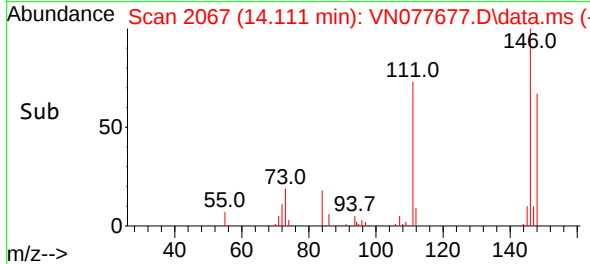
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



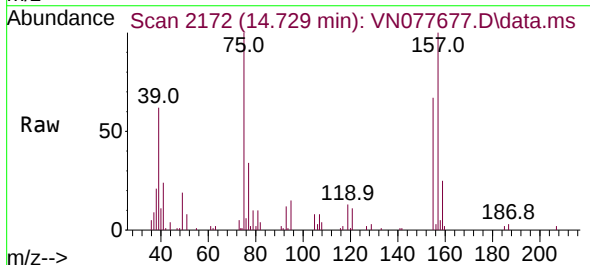
Tgt Ion:146 Resp: 194752
Ion Ratio Lower Upper
146 100
111 45.1 22.0 66.0
148 63.5 31.8 95.3

Manual Integrations
APPROVED

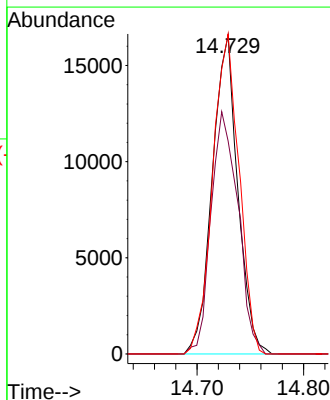
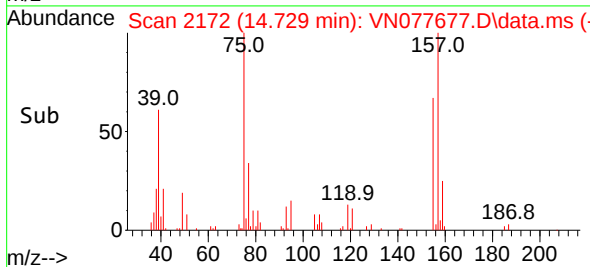
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

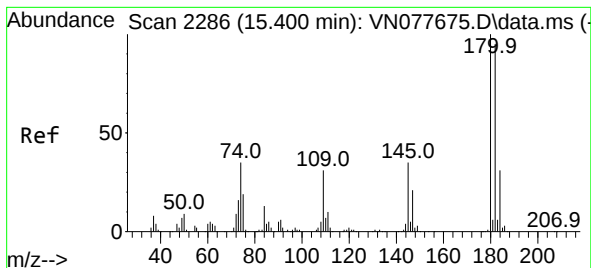


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.847 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



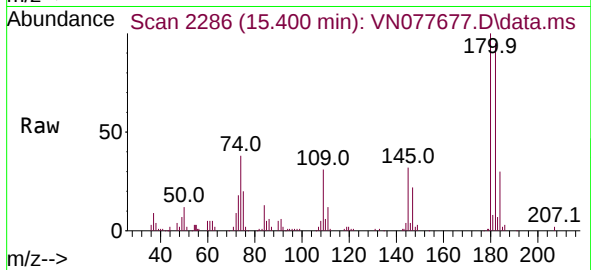
Tgt Ion: 75 Resp: 27462
Ion Ratio Lower Upper
75 100
155 80.8 39.1 117.2
157 104.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 18.378 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25

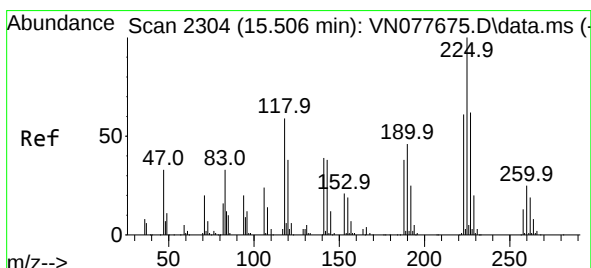
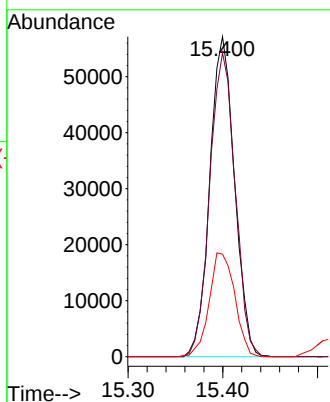
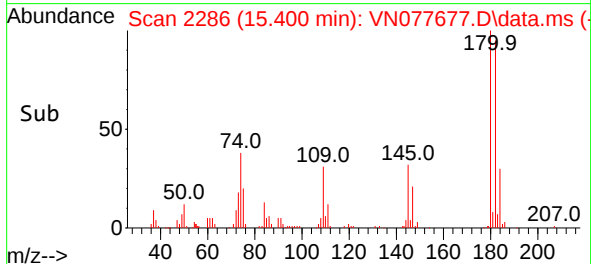
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



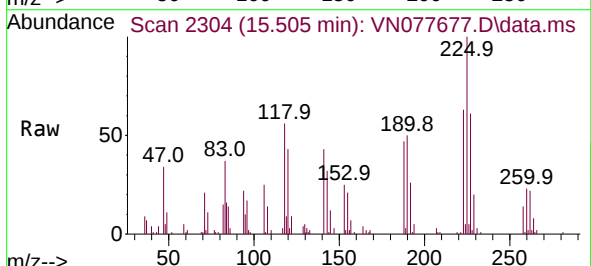
Tgt Ion:180 Resp: 103592
Ion Ratio Lower Upper
180 100
182 97.0 46.1 138.2
145 33.6 16.6 49.8

Manual Integrations
APPROVED

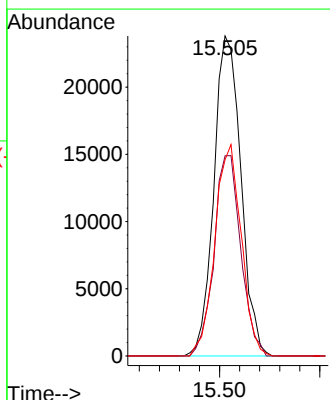
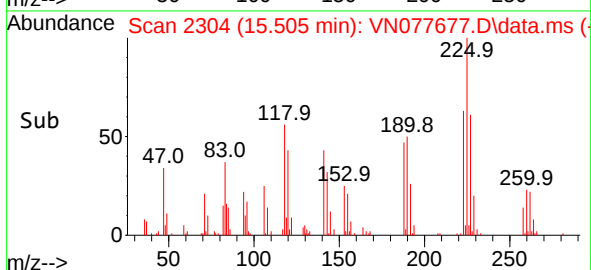
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

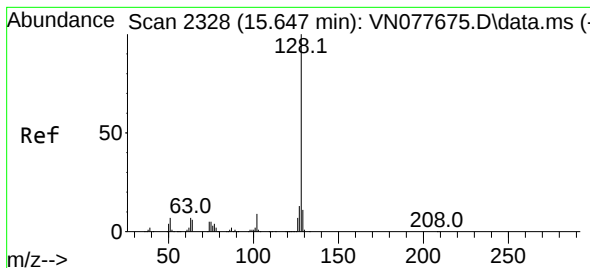


#94
Hexachlorobutadiene
Concen: 19.006 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN077677.D
Acq: 15 May 2023 18:25



Tgt Ion:225 Resp: 44480
Ion Ratio Lower Upper
225 100
223 62.1 31.3 93.8
227 64.5 31.9 95.9





#95

Naphthalene

Concen: 18.586 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 36059

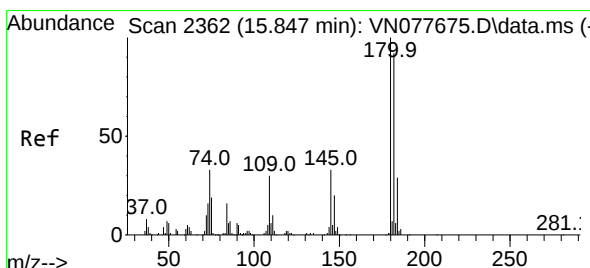
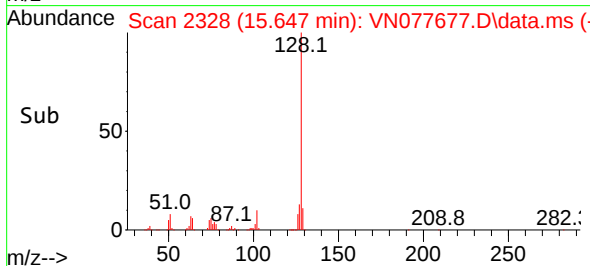
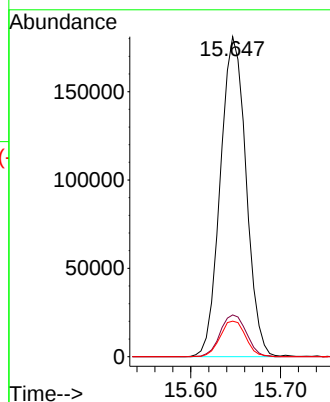
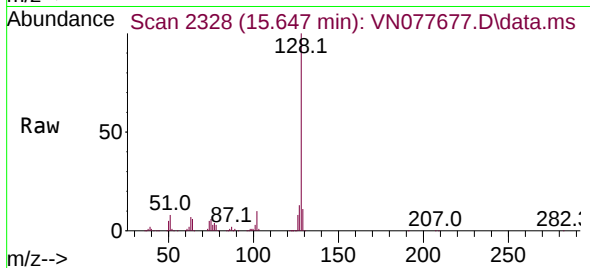
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.0	15.0
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.006 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077677.D

Acq: 15 May 2023 18:25

Tgt Ion:180 Resp: 104894

Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.2	138.6
145	36.0	17.5	52.6

