

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079659.D
 Acq On : 24 Oct 2023 16:02
 Operator : JC\MD
 Sample : VN1024WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 01:52:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	222927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	398374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	362255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	165115	45.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.360%		
35) Dibromofluoromethane	8.177	113	129993	45.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.820%		
50) Toluene-d8	10.571	98	462858	44.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.360%		
62) 4-Bromofluorobenzene	12.853	95	146997	44.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	56245	17.607	ug/l	98
3) Chloromethane	2.365	50	69335	17.395	ug/l	97
4) Vinyl Chloride	2.518	62	76288	18.401	ug/l	94
5) Bromomethane	2.953	94	48920	19.711	ug/l	98
6) Chloroethane	3.124	64	52257	16.719	ug/l	97
7) Trichlorofluoromethane	3.495	101	106240	21.703	ug/l	97
8) Diethyl Ether	3.965	74	43636	25.005	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.377	101	62412	21.818	ug/l	99
10) Methyl Iodide	4.594	142	64234	25.877	ug/l	98
11) Tert butyl alcohol	5.524	59	53349	98.064	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	55114	20.925	ug/l	87
13) Acrolein	4.183	56	41069	75.815	ug/l	93
14) Allyl chloride	5.024	41	101306	23.834	ug/l #	91
15) Acrylonitrile	5.724	53	175052	110.988	ug/l	99
16) Acetone	4.430	43	194343	135.557	ug/l	91
17) Carbon Disulfide	4.712	76	149447	18.190	ug/l	98
18) Methyl Acetate	5.030	43	161723	23.047	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	194659	22.746	ug/l	93
20) Methylene Chloride	5.277	84	77261	24.300	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	57692	18.754	ug/l #	78
22) Diisopropyl ether	6.677	45	211324	22.172	ug/l #	88
23) Vinyl Acetate	6.612	43	580713	108.317	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	118854	20.376	ug/l	95
25) 2-Butanone	7.488	43	235051	110.463	ug/l #	76
26) 2,2-Dichloropropane	7.494	77	91525	20.531	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	70307	21.037	ug/l	88
28) Bromochloromethane	7.818	49	58221	20.978	ug/l #	75
29) Tetrahydrofuran	7.841	42	153105	111.253	ug/l #	73
30) Chloroform	7.971	83	125271	21.255	ug/l	91
31) Cyclohexane	8.259	56	89156	17.389	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	100078	20.178	ug/l	92
36) 1,1-Dichloropropene	8.377	75	84089	19.570	ug/l	95
37) Ethyl Acetate	7.571	43	96154	22.490	ug/l #	90
38) Carbon Tetrachloride	8.365	117	84990	19.758	ug/l	93
39) Methylcyclohexane	9.606	83	73693	17.851	ug/l #	86
40) Benzene	8.612	78	267764	20.984	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50042	22.264	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	102704	22.150	ug/l	97
43) Isopropyl Acetate	8.694	43	160873	21.477	ug/l #	87
44) Trichloroethene	9.353	130	58926	19.620	ug/l	99
45) 1,2-Dichloropropane	9.629	63	72116	21.450	ug/l	97
46) Dibromomethane	9.712	93	49235	22.611	ug/l	96
47) Bromodichloromethane	9.888	83	100002	22.326	ug/l	99
48) Methyl methacrylate	9.688	41	69924	21.785	ug/l #	81
49) 1,4-Dioxane	9.700	88	25334	428.501	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	474965	112.330	ug/l	89
52) Toluene	10.635	92	159259	21.202	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	103074	22.835	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	110773	22.418	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	68604	22.750	ug/l	97
56) Ethyl methacrylate	10.876	69	94419	22.786	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	116848	22.440	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	132226	83.322	ug/l	88
59) 2-Hexanone	11.200	43	346392	113.527	ug/l	87
60) Dibromochloromethane	11.365	129	71598	23.624	ug/l	100
61) 1,2-Dibromoethane	11.470	107	66264	22.142	ug/l	99
64) Tetrachloroethene	11.106	164	46638	18.715	ug/l	93
65) Chlorobenzene	11.894	112	166179	20.599	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	64676	21.895	ug/l	98
67) Ethyl Benzene	11.970	91	286589	20.438	ug/l	97
68) m/p-Xylenes	12.076	106	215121	42.223	ug/l	93
69) o-Xylene	12.400	106	103835	20.723	ug/l	95
70) Styrene	12.417	104	172104	21.746	ug/l	98
71) Bromoform	12.582	173	46022	21.288	ug/l #	99
73) Isopropylbenzene	12.700	105	256374	18.964	ug/l	100
74) N-amyl acetate	12.500	43	112042	20.216	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	102165	22.751	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	89693m	21.407	ug/l	
77) Bromobenzene	12.982	156	64972	19.600	ug/l	93
78) n-propylbenzene	13.041	91	303863	19.866	ug/l	97
79) 2-Chlorotoluene	13.129	91	189441	19.355	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	215667	20.231	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	27219	18.850	ug/l #	73
82) 4-Chlorotoluene	13.223	91	183646	19.718	ug/l	99
83) tert-Butylbenzene	13.441	119	167870	19.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	213886	21.024	ug/l	100
85) sec-Butylbenzene	13.623	105	236406	19.405	ug/l	99
86) p-Isopropyltoluene	13.735	119	188874	20.209	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	107778	20.500	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	106259	19.573	ug/l	99
89) n-Butylbenzene	14.059	91	142101	19.040	ug/l	98
90) Hexachloroethane	14.341	117	40023	20.477	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	106284	20.725	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15430	19.738	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	29167	18.363	ug/l	97
94) Hexachlorobutadiene	15.506	225	24993	20.204	ug/l	97
95) Naphthalene	15.647	128	75782	15.624	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	32026	16.896	ug/l	97

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Response via : Initial Calibration

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

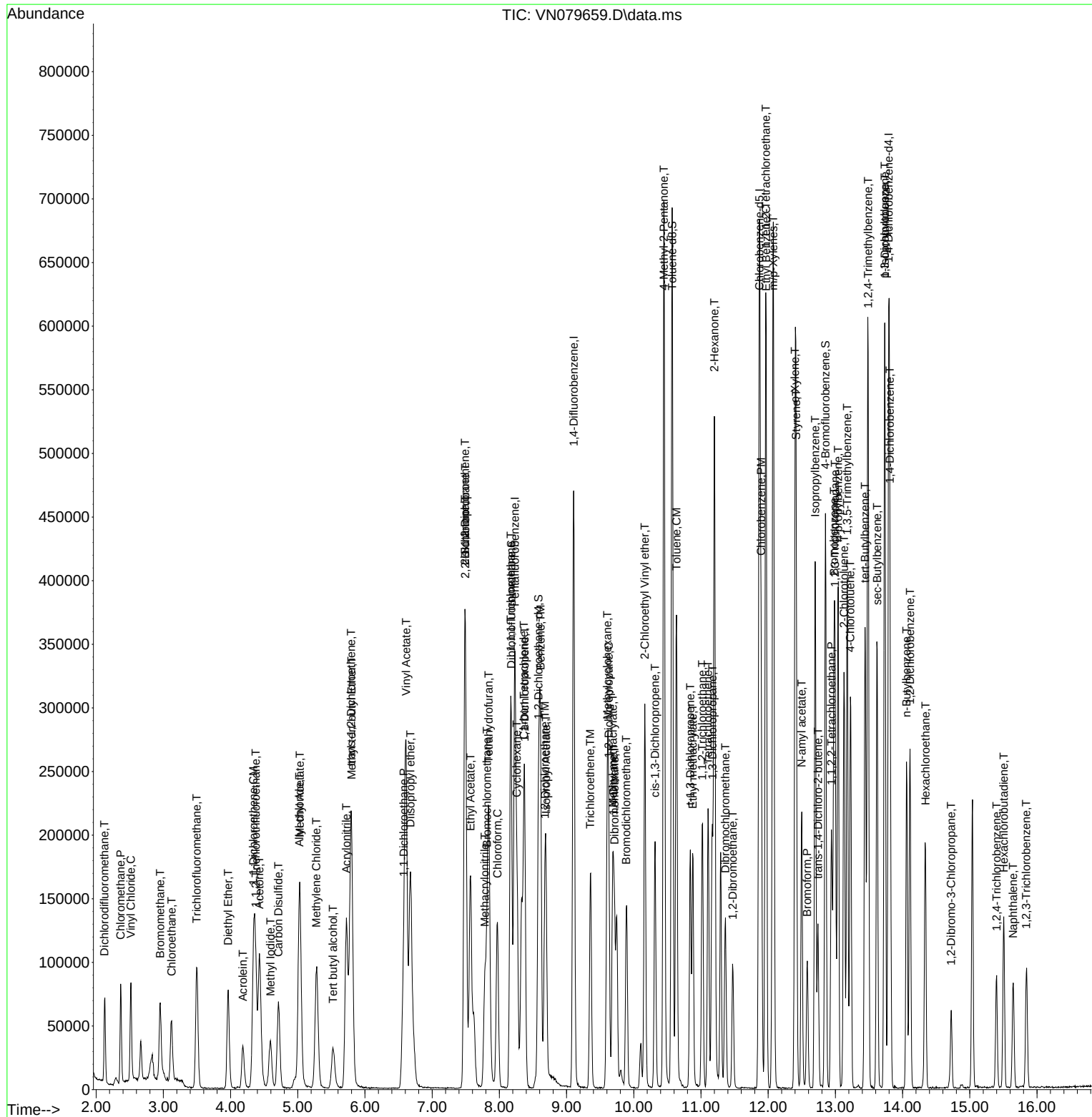
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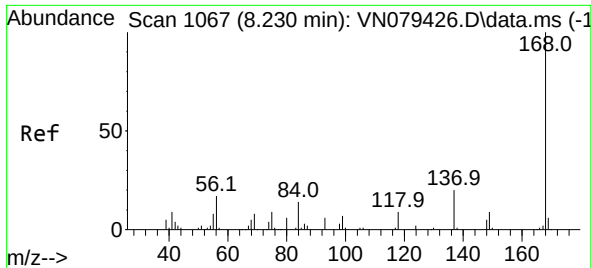
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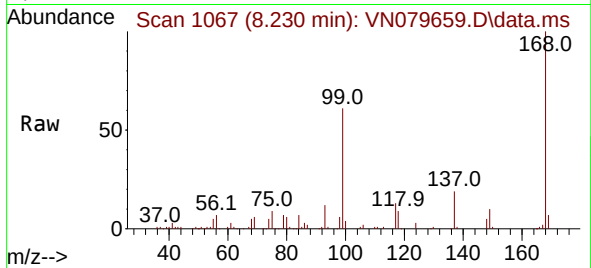
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079659.D
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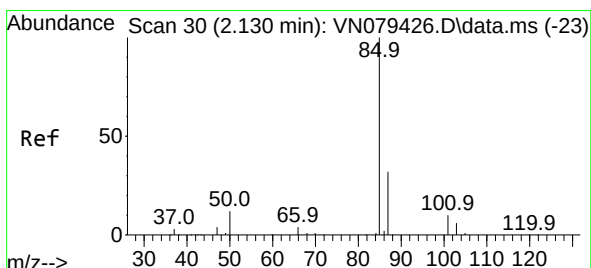
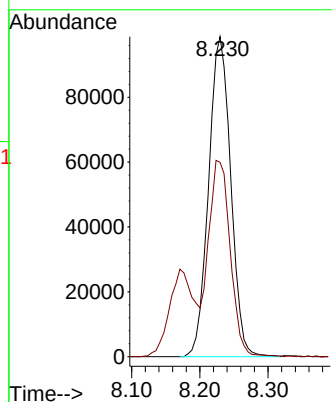
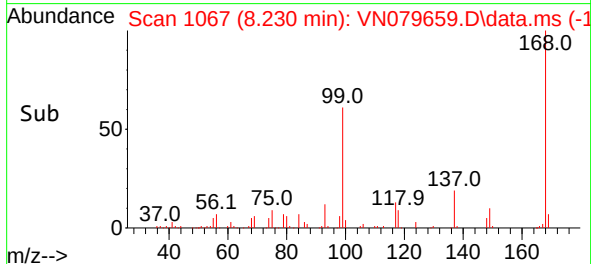
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Tgt Ion:168 Resp: 22292
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

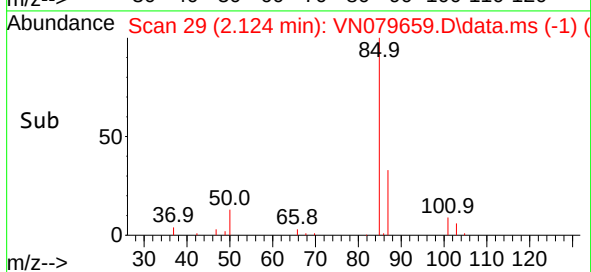
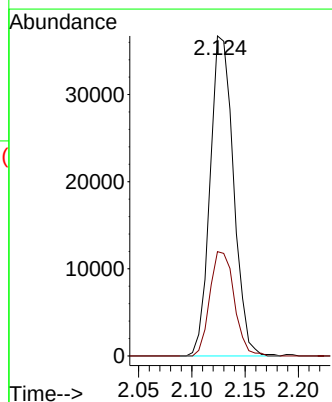
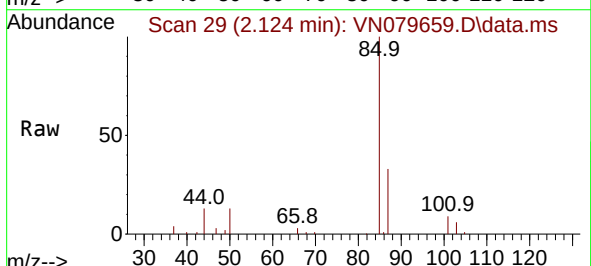
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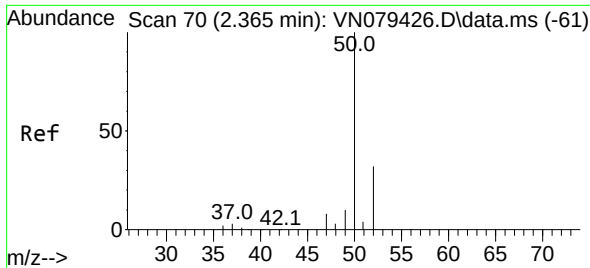
Reviewed By :John Carlone 10/25/2023
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#2
Dichlorodifluoromethane
Concen: 17.607 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

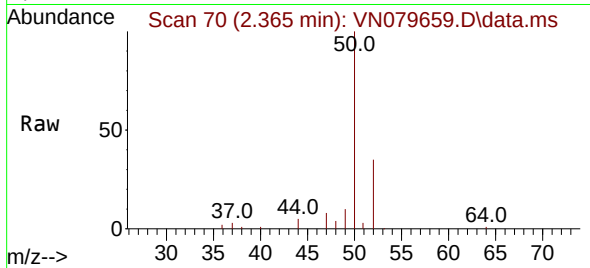
Tgt Ion: 85 Resp: 56245
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 17.395 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

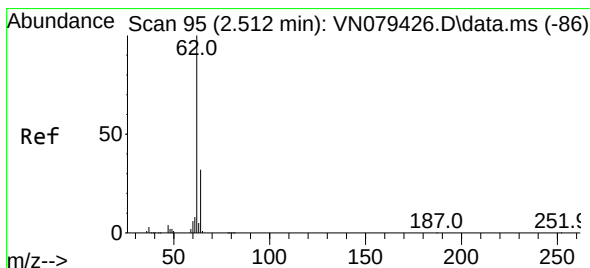
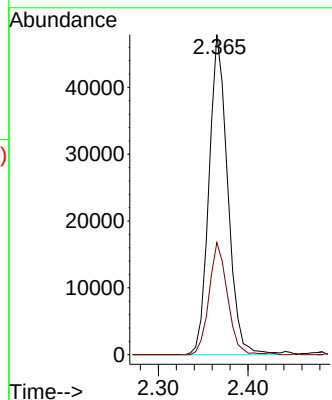
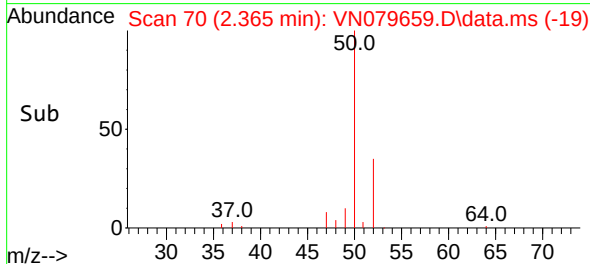
Instrument :
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Tgt Ion: 50 Resp: 69335
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7

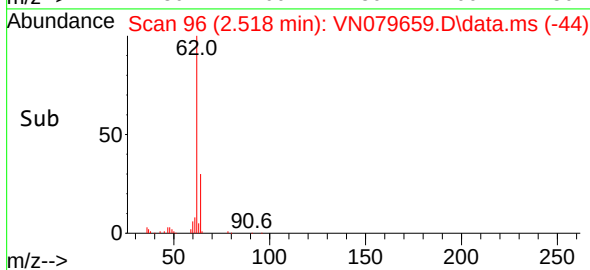
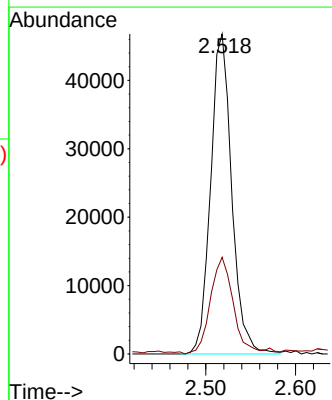
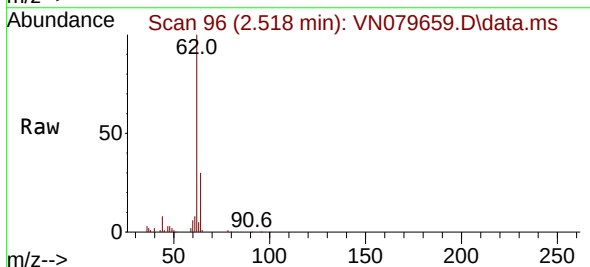
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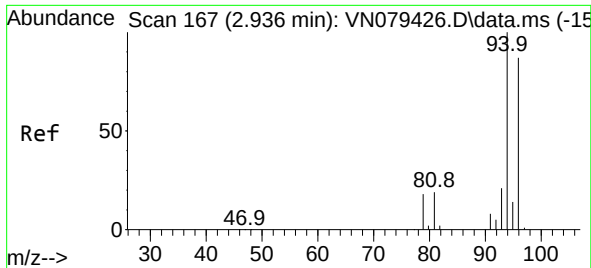
Reviewed By :John Carlone 10/25/2023
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#4
Vinyl Chloride
Concen: 18.401 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

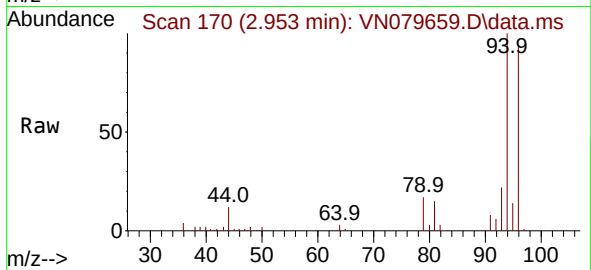
Tgt Ion: 62 Resp: 76288
Ion Ratio Lower Upper
62 100
64 29.6 26.2 39.2





#5
Bromomethane
Concen: 19.711 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

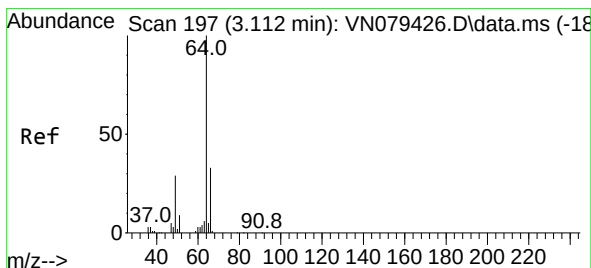
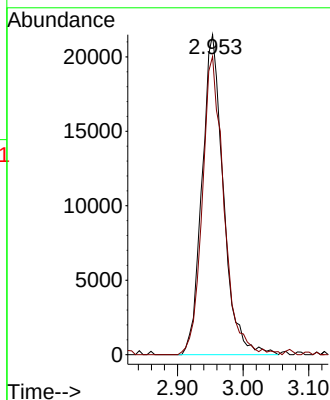
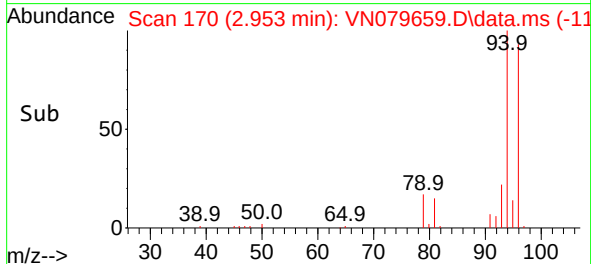
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Tgt Ion: 94 Resp: 48920
Ion Ratio Lower Upper
94 100
96 93.2 73.1 109.7

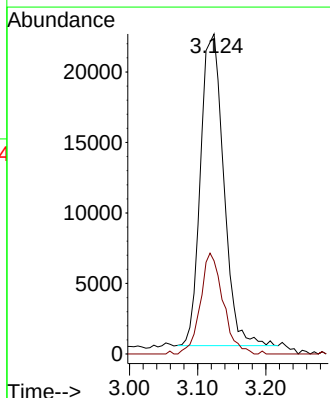
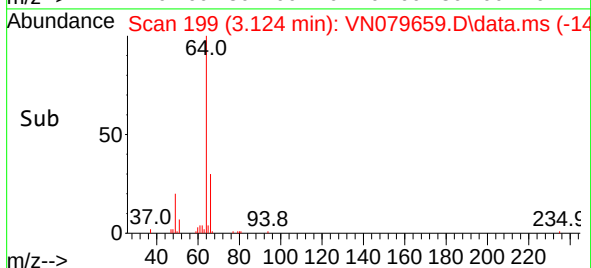
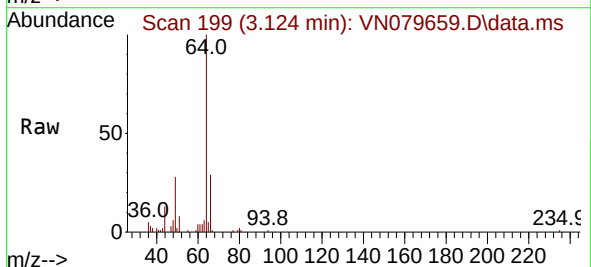
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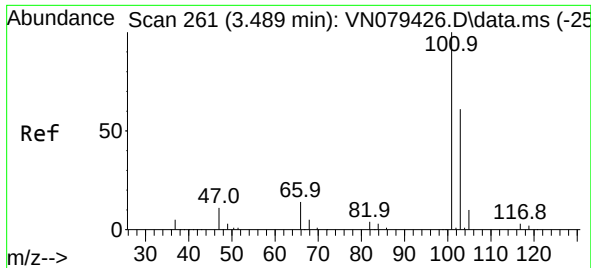
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#6
Chloroethane
Concen: 16.719 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

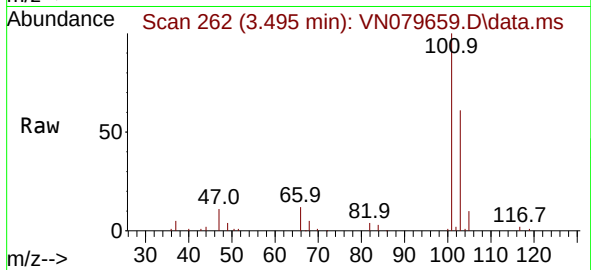
Tgt Ion: 64 Resp: 52257
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 21.703 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

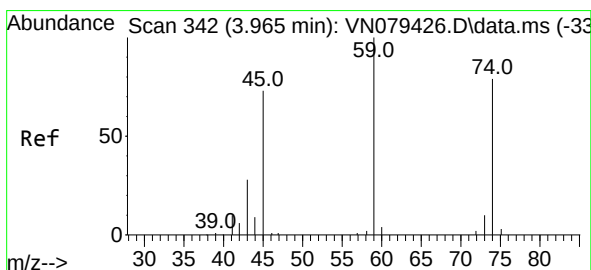
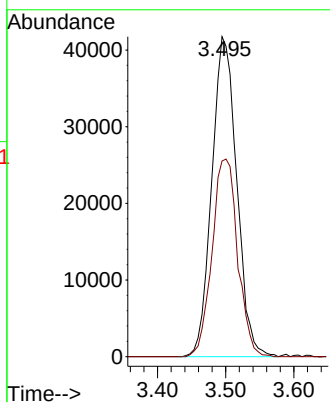
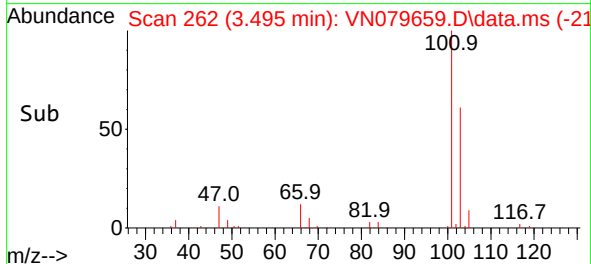
Instrument :
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Tgt Ion:101 Resp: 106240
Ion Ratio Lower Upper
101 100
103 61.1 50.7 76.1

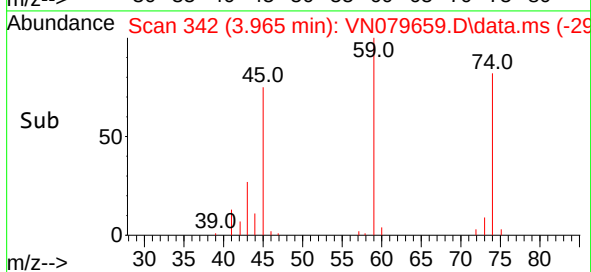
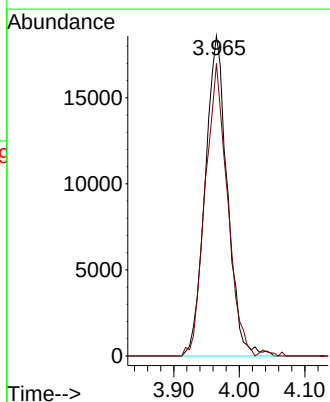
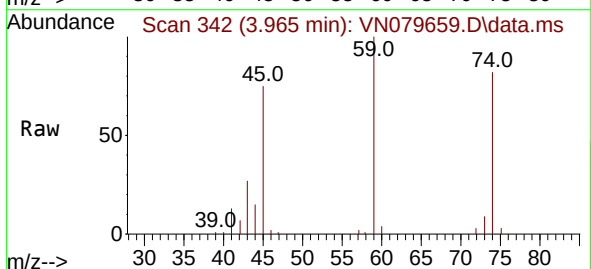
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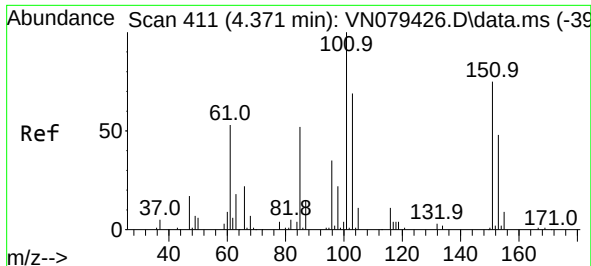
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#8
Diethyl Ether
Concen: 25.005 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion: 74 Resp: 43636
Ion Ratio Lower Upper
74 100
45 91.9 34.4 103.3





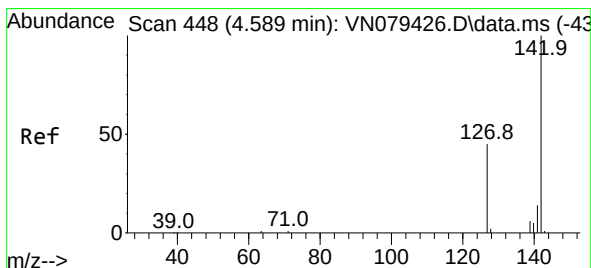
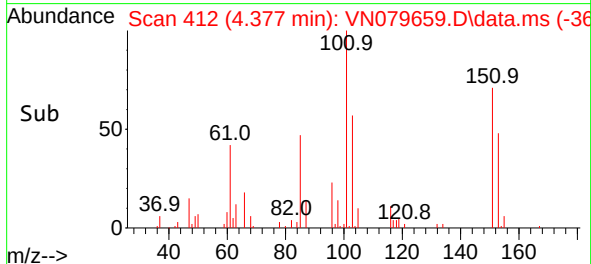
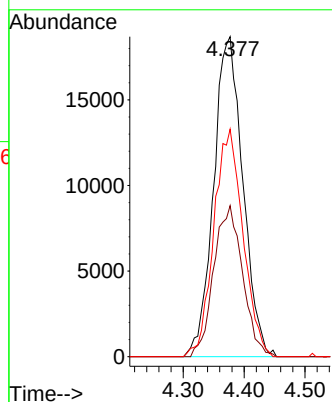
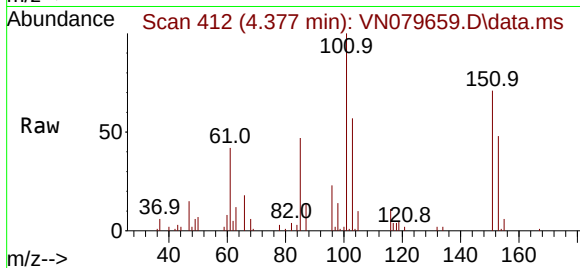
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.818 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:101 Resp: 6241
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 70.9 57.6 86.4

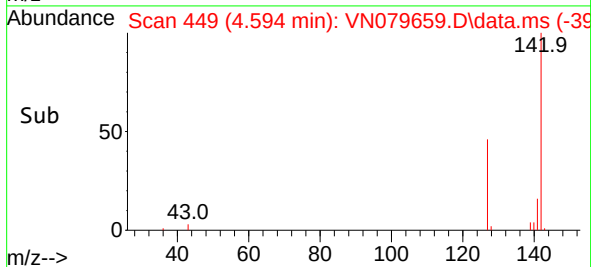
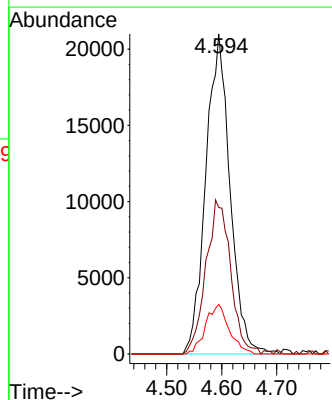
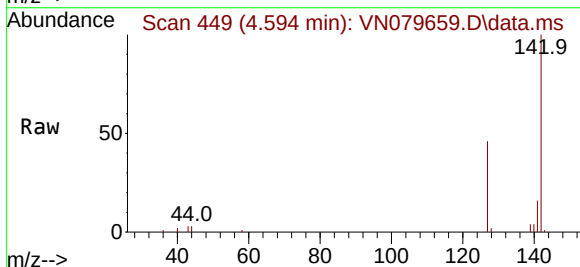
Manual Integrations
APPROVED

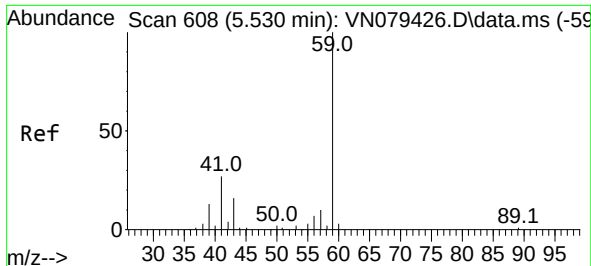
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#10
Methyl Iodide
Concen: 25.877 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion:142 Resp: 64234
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 15.5 11.4 17.0





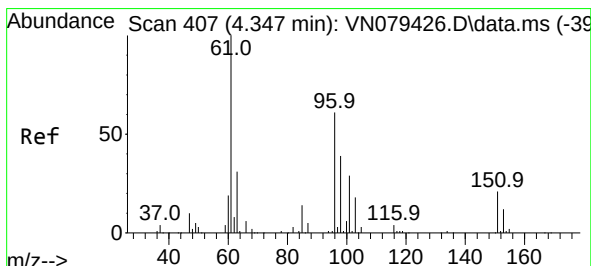
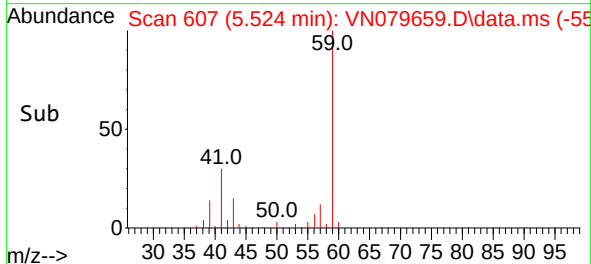
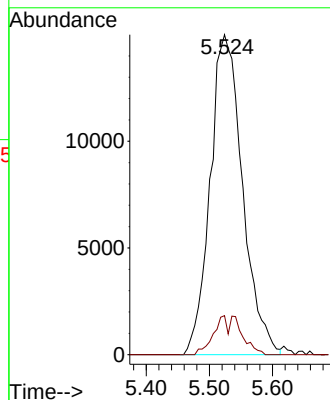
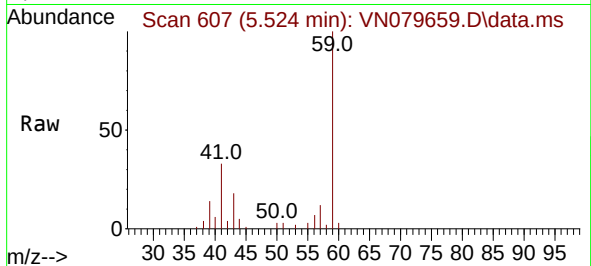
#11
Tert butyl alcohol
Concen: 98.064 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 59 Resp: 53349
Ion Ratio Lower Upper
59 100
57 5.5 8.2 12.4

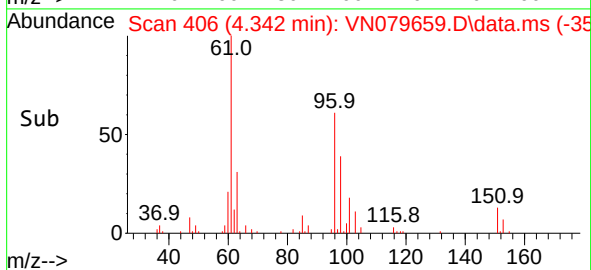
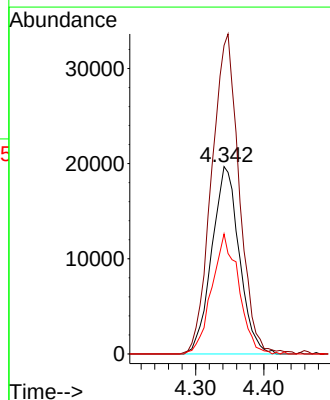
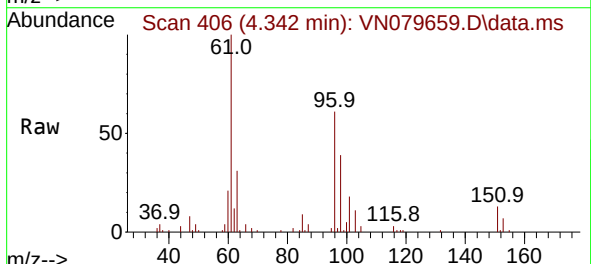
Manual Integrations
APPROVED

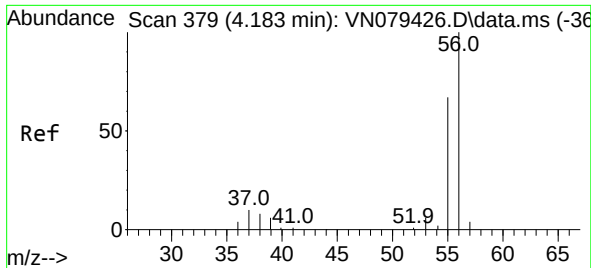
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#12
1,1-Dichloroethene
Concen: 20.925 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

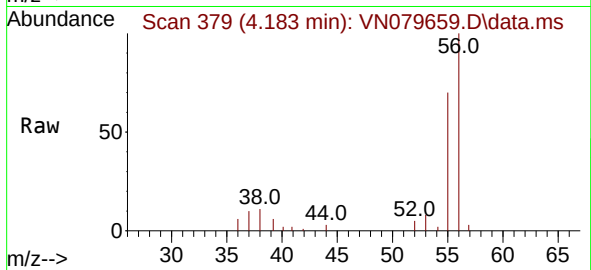
Tgt Ion: 96 Resp: 55114
Ion Ratio Lower Upper
96 100
61 164.7 112.7 169.1
98 64.0 51.2 76.8





#13
Acrolein
Concen: 75.815 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

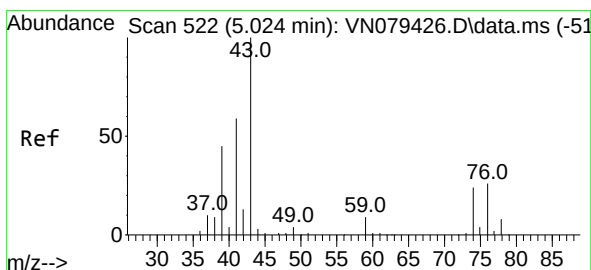
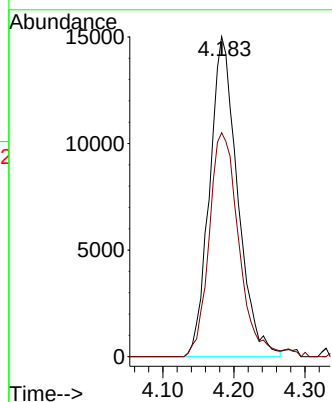
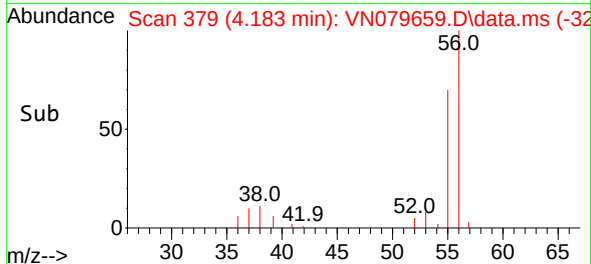
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



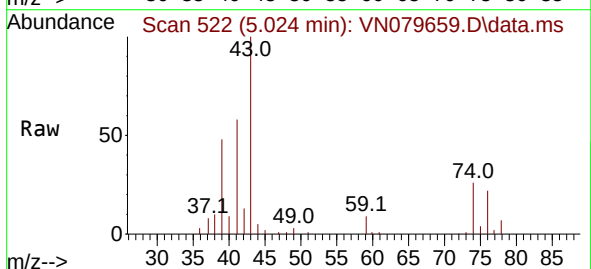
Tgt Ion: 56 Resp: 41069
Ion Ratio Lower Upper
56 100
55 73.7 54.5 81.7

Manual Integrations
APPROVED

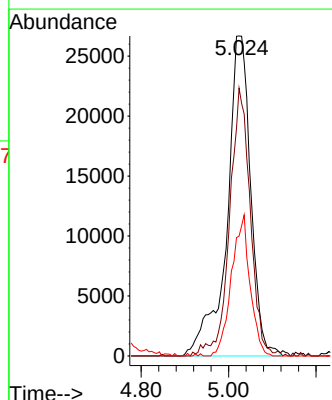
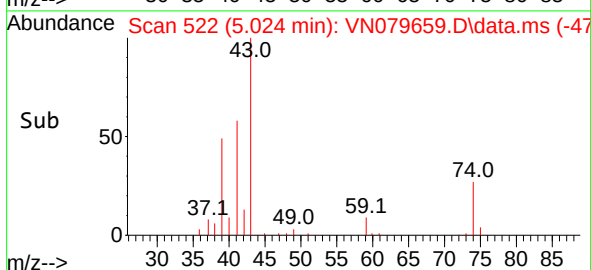
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

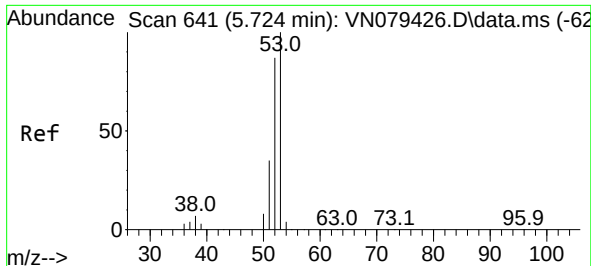


#14
Allyl chloride
Concen: 23.834 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



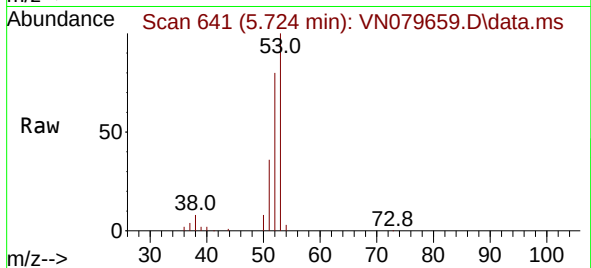
Tgt Ion: 41 Resp: 101306
Ion Ratio Lower Upper
41 100
39 72.6 58.8 88.2
76 34.2 39.1 58.7#





#15
Acrylonitrile
Concen: 110.988 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

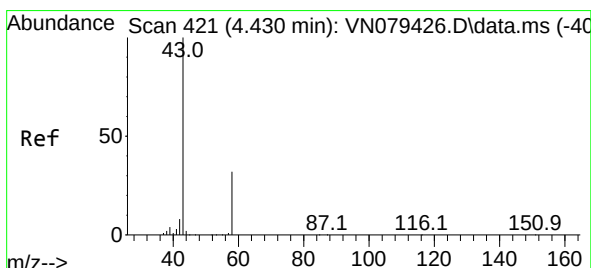
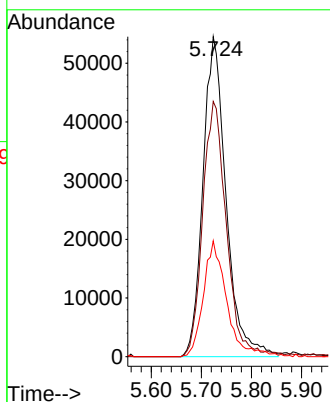
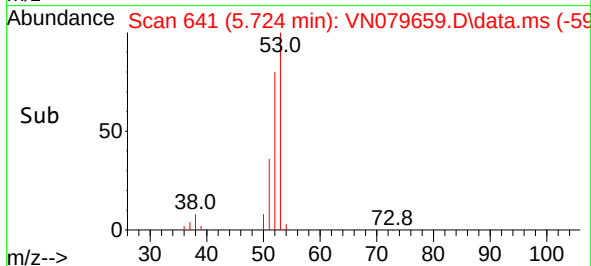
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



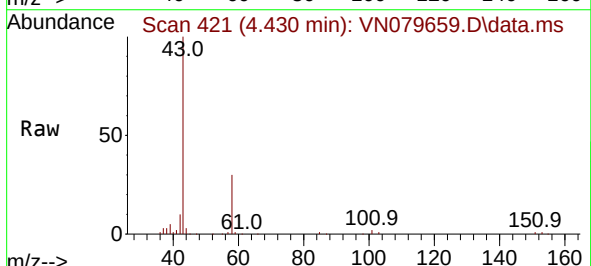
Tgt Ion: 53 Resp: 175052
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 36.4 28.9 43.3

Manual Integrations
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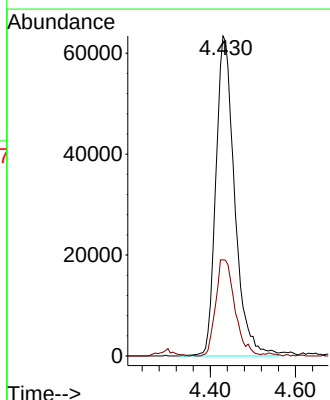
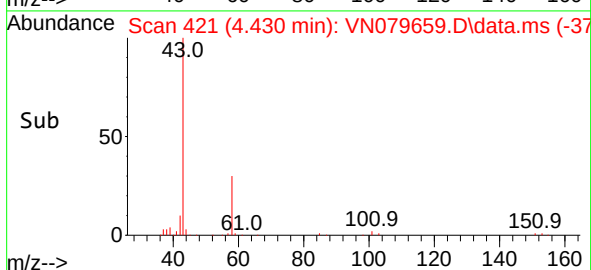
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

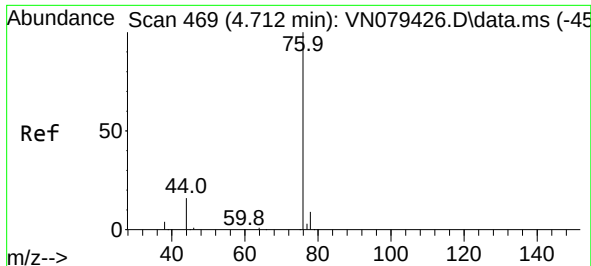


#16
Acetone
Concen: 135.557 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



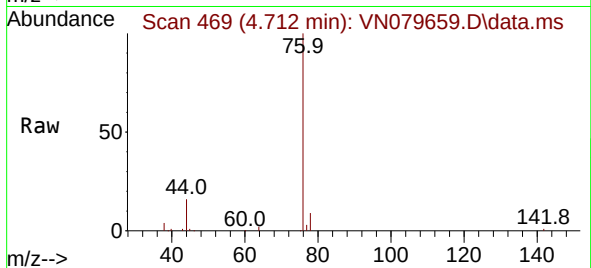
Tgt Ion: 43 Resp: 194343
Ion Ratio Lower Upper
43 100
58 29.7 28.0 42.0





#17
Carbon Disulfide
Concen: 18.190 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

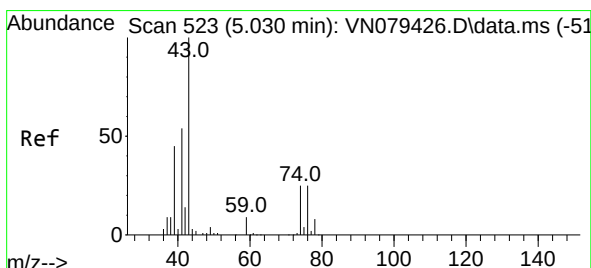
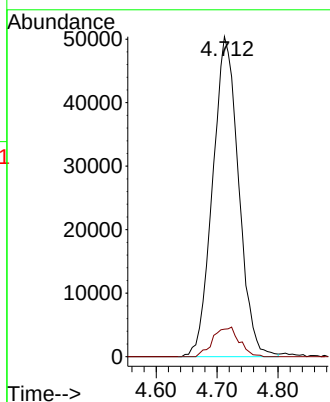
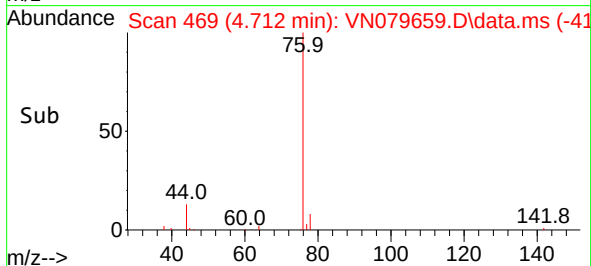
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 76 Resp: 14944
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

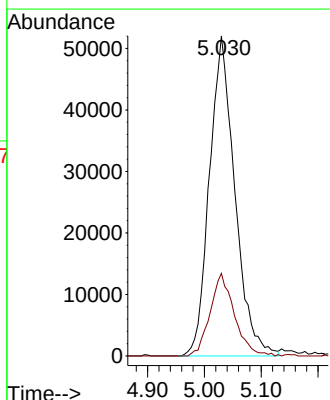
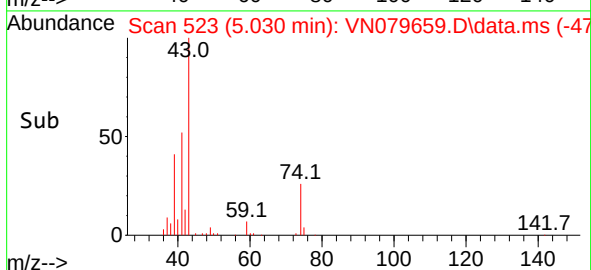
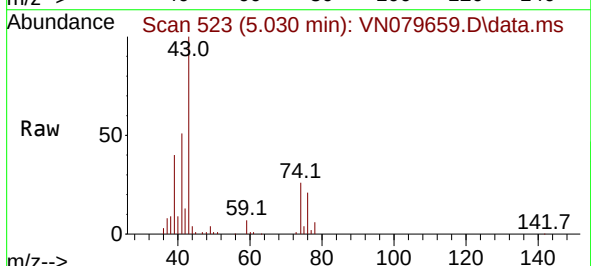
Manual Integrations
APPROVED

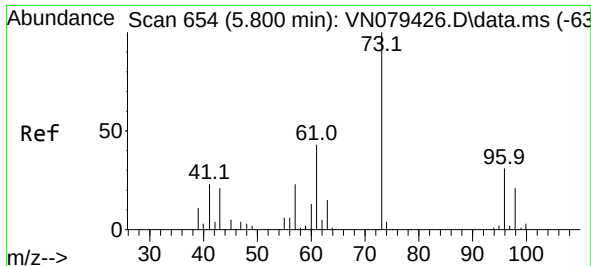
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#18
Methyl Acetate
Concen: 23.047 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion: 43 Resp: 161723
Ion Ratio Lower Upper
43 100
74 24.6 26.2 39.4#





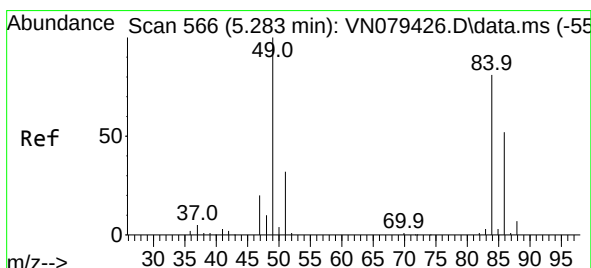
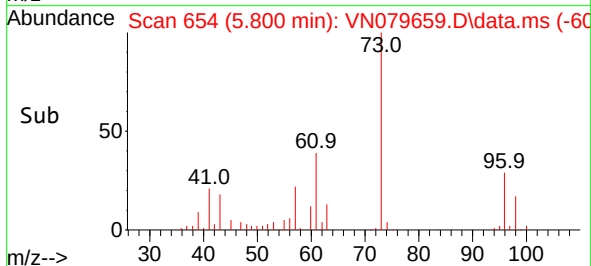
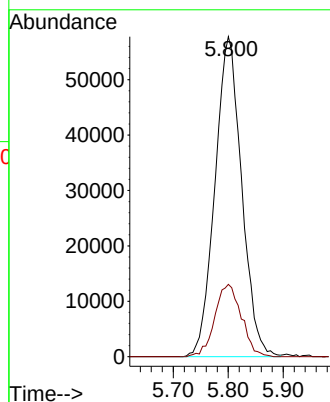
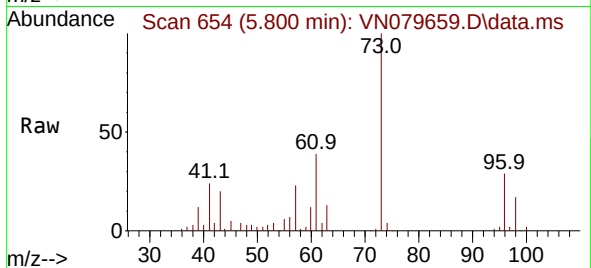
#19
Methyl tert-butyl Ether
Concen: 22.746 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 73 Resp: 194659
Ion Ratio Lower Upper
73 100
57 22.6 15.6 23.4

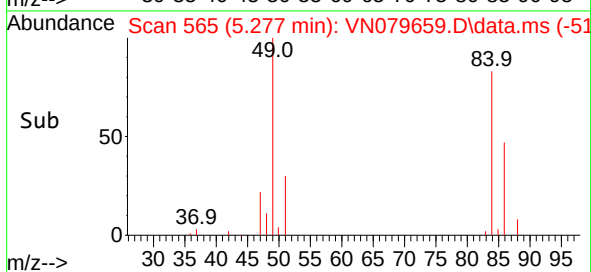
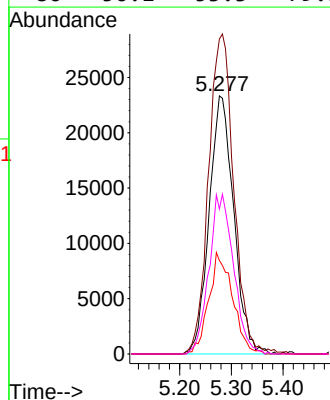
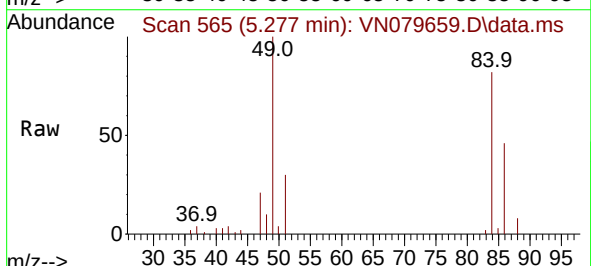
Manual Integrations
APPROVED

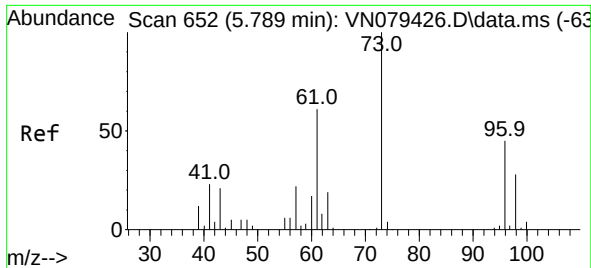
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#20
Methylene Chloride
Concen: 24.300 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion: 84 Resp: 77261
Ion Ratio Lower Upper
84 100
49 122.0 79.7 119.5#
51 36.2 25.2 37.8
86 56.1 53.3 79.9





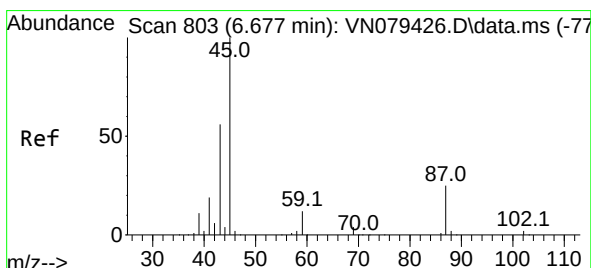
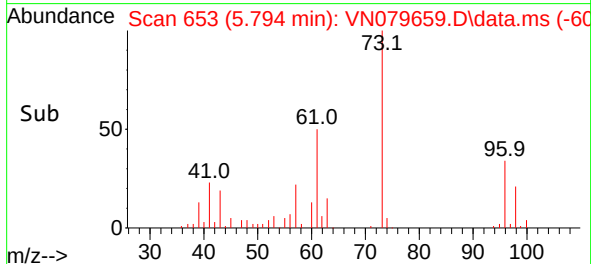
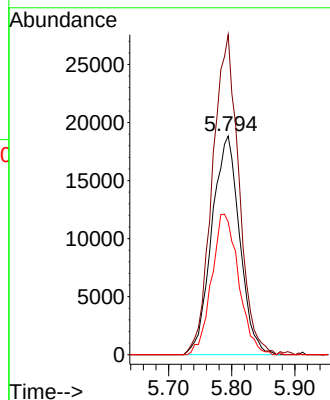
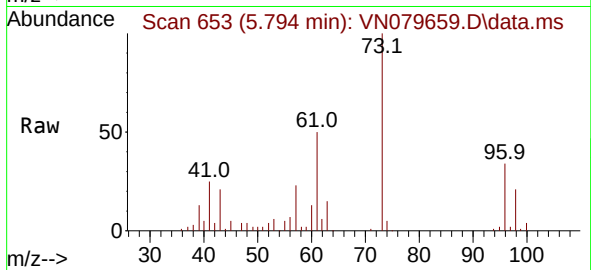
#21
trans-1,2-Dichloroethene
Concen: 18.754 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 96 Resp: 57692
Ion Ratio Lower Upper
96 100
61 146.3 90.1 135.1
98 60.7 46.4 69.6

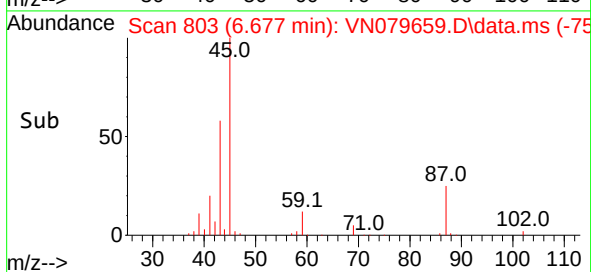
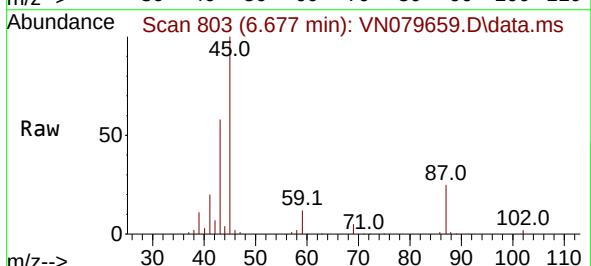
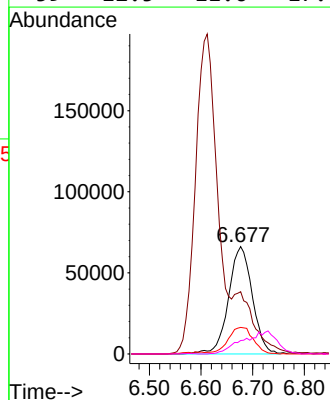
Manual Integrations
APPROVED

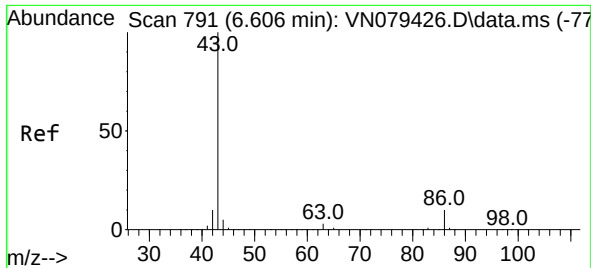
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#22
Diisopropyl ether
Concen: 22.172 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

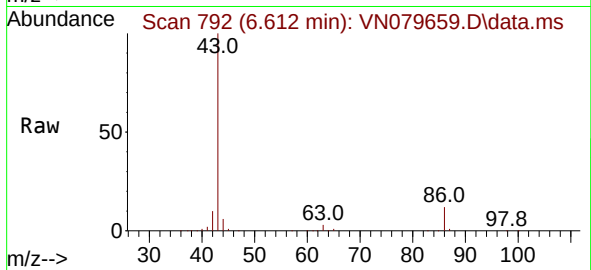
Tgt Ion: 45 Resp: 211324
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 24.7 31.8 47.8#
59 12.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 108.317 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079659.D
 Acq: 24 Oct 2023 16:02

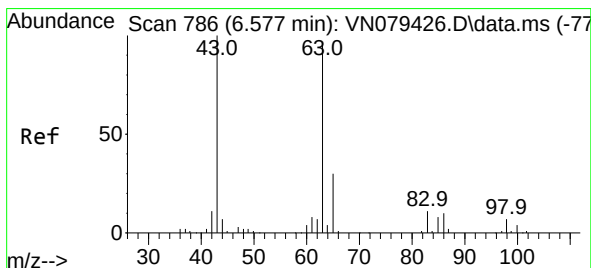
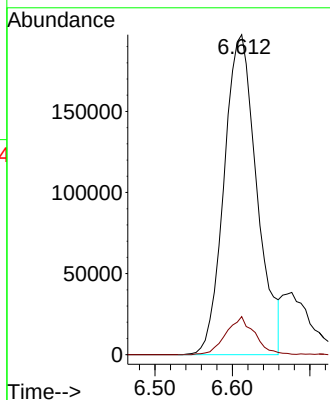
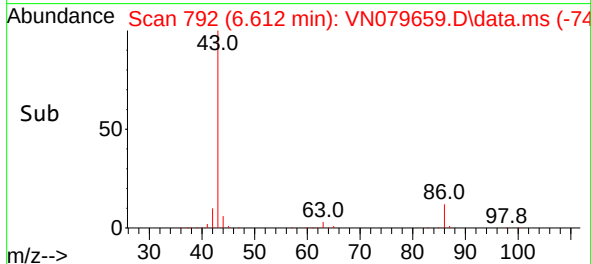
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01



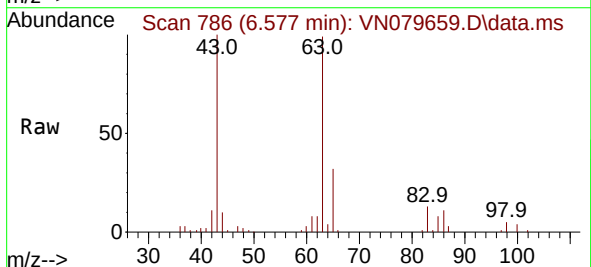
Tgt Ion: 43 Resp: 58071
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

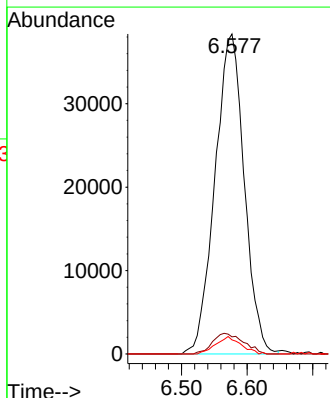
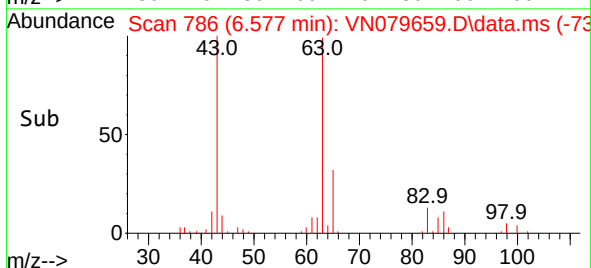
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

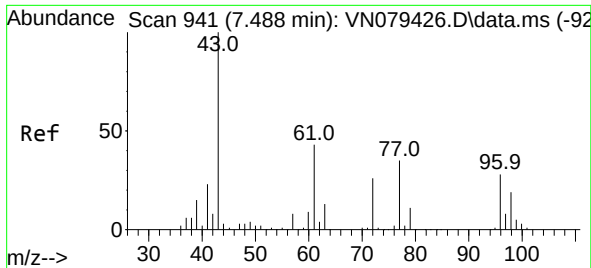


#24
 1,1-Dichloroethane
 Concen: 20.376 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079659.D
 Acq: 24 Oct 2023 16:02



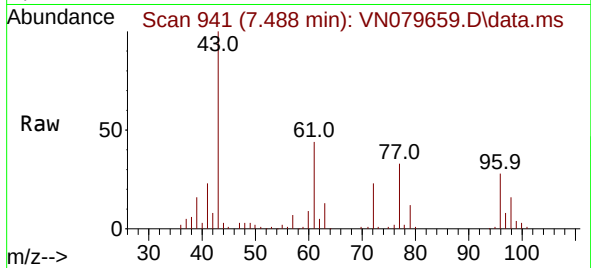
Tgt Ion: 63 Resp: 118854
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 110.463 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

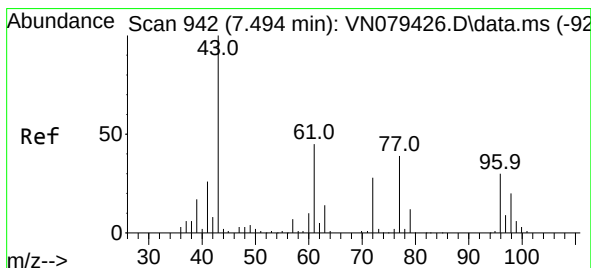
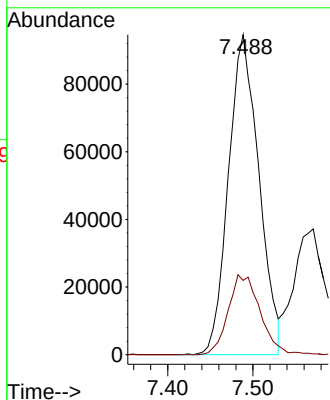
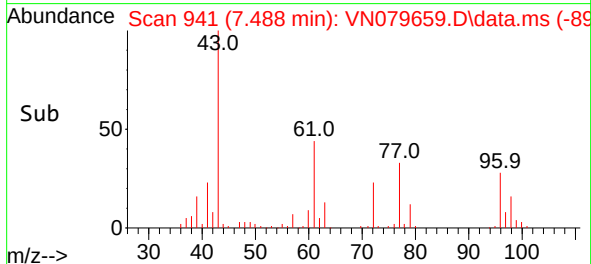
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 43 Resp: 23505
Ion Ratio Lower Upper
43 100
72 23.2 30.2 45.2

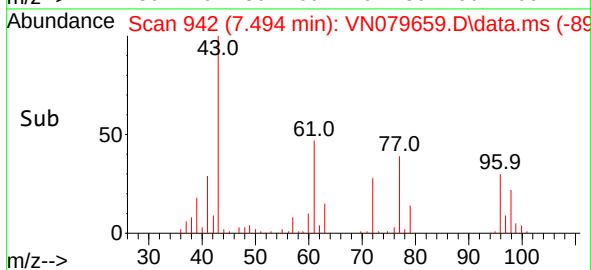
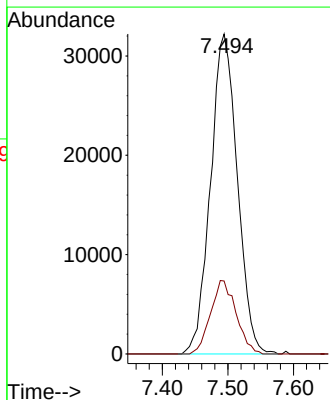
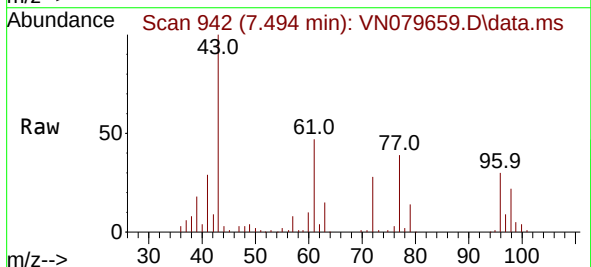
Manual Integrations
APPROVED

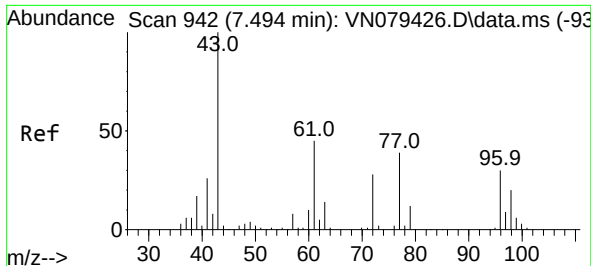
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#26
2,2-Dichloropropane
Concen: 20.531 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

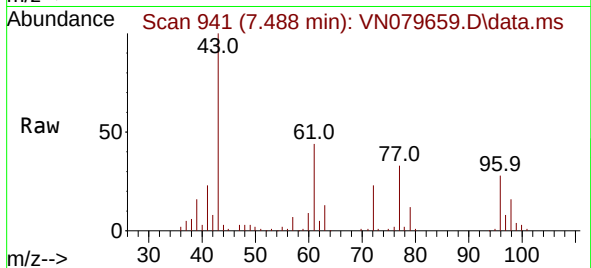
Tgt Ion: 77 Resp: 91525
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 21.037 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

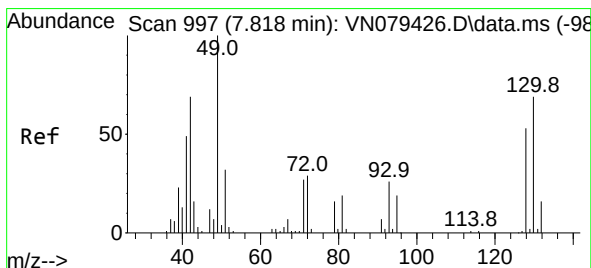
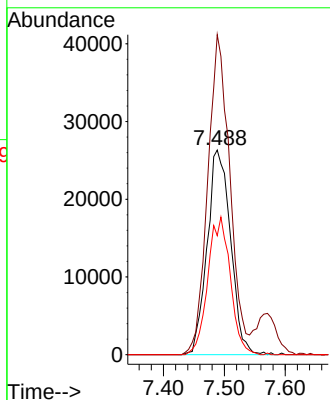
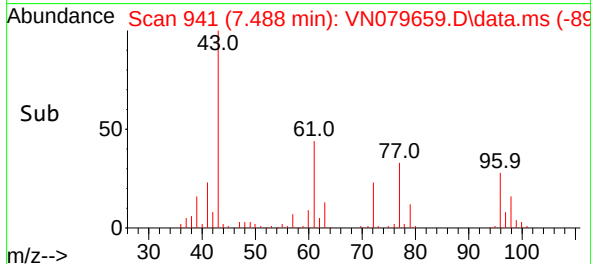
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 96 Resp: 7030
Ion Ratio Lower Upper
96 100
61 148.1 0.0 255.2
98 64.6 0.0 128.8

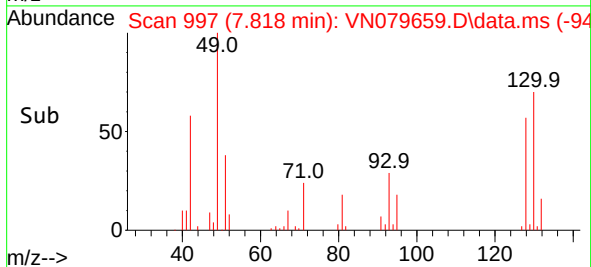
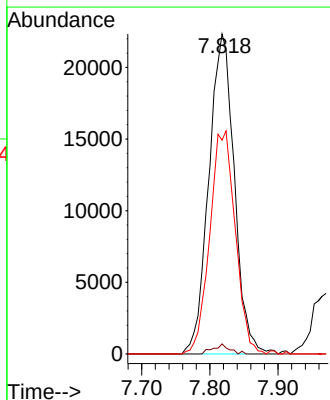
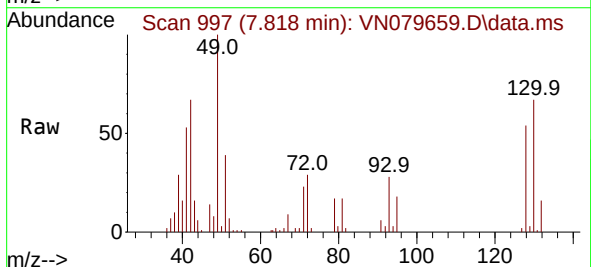
Manual Integrations
APPROVED

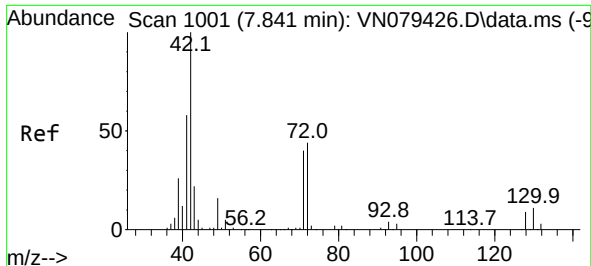
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#28
Bromochloromethane
Concen: 20.978 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion: 49 Resp: 58221
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 69.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 111.253 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079659.D

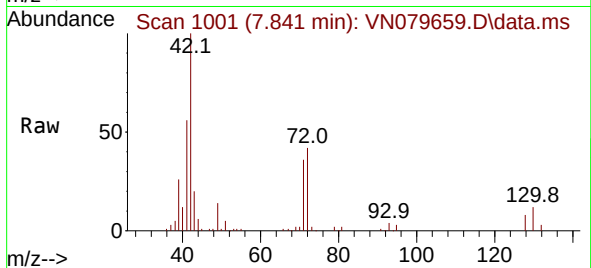
Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01



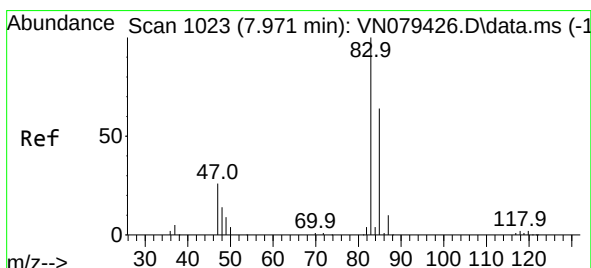
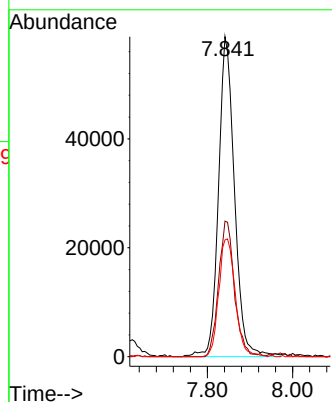
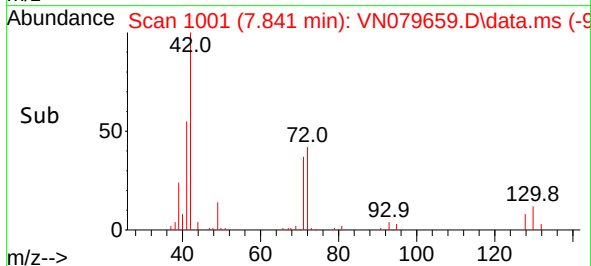
Tgt Ion:	42	Resp:	15310
Ion Ratio	Lower	Upper	
42	100		
72	42.0	49.8	74.6
71	37.9	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Chloroform

Concen: 21.255 ug/l

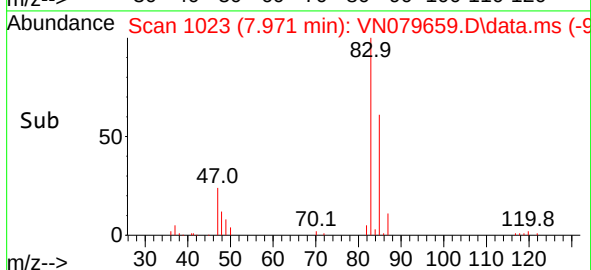
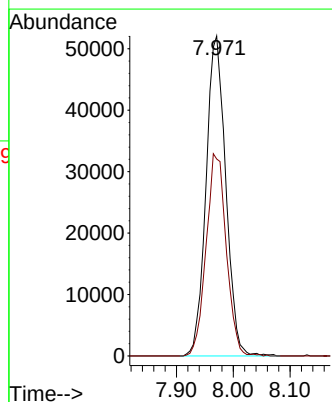
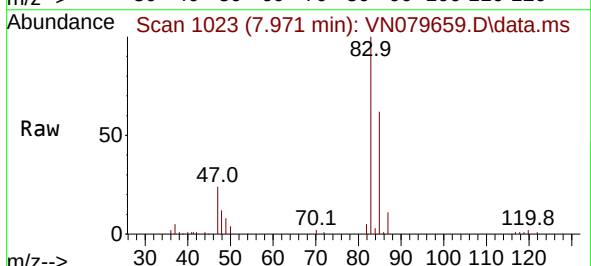
RT: 7.971 min Scan# 1023

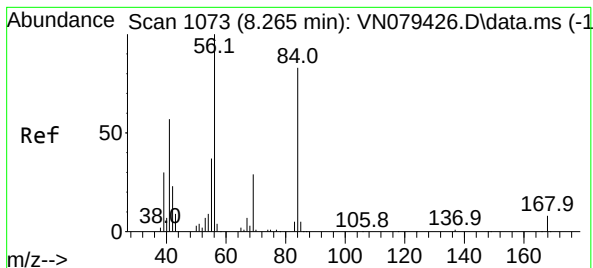
Delta R.T. -0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Tgt Ion:	83	Resp:	125271
Ion Ratio	Lower	Upper	
83	100		
85	61.6	55.4	83.0





#31

Cyclohexane

Concen: 17.389 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

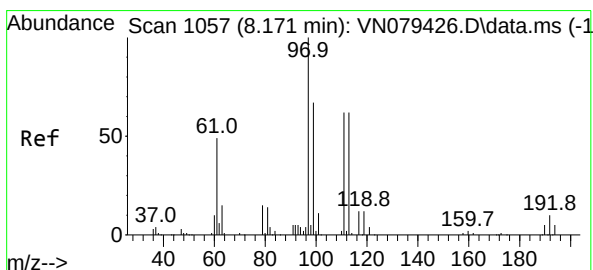
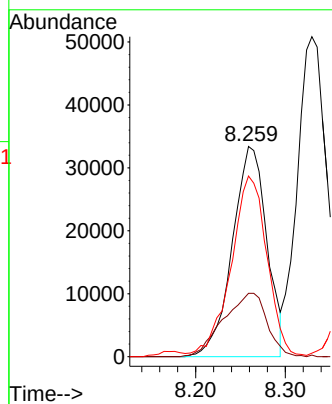
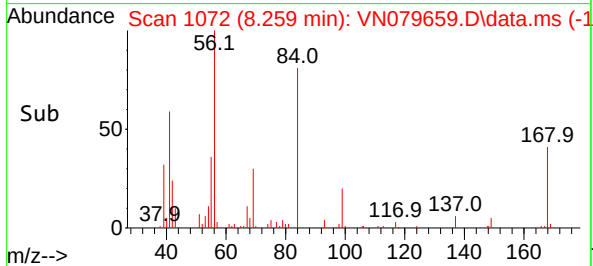
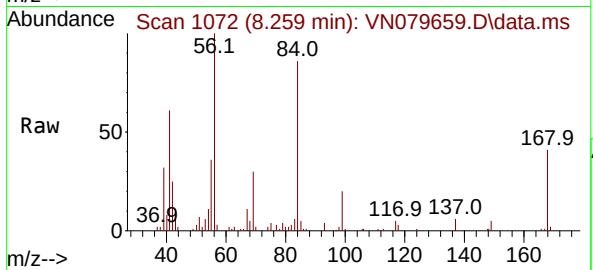
Tgt Ion:	56	Resp:	89150
Ion Ratio	Lower	Upper	
56	100		
69	30.1	26.8	40.2
84	84.0	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#32

1,1,1-Trichloroethane

Concen: 20.178 ug/l

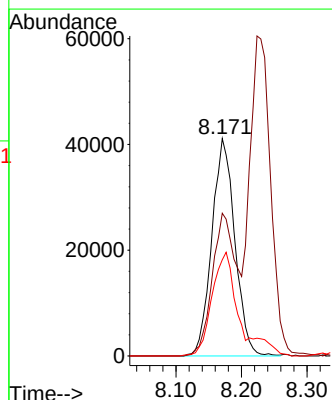
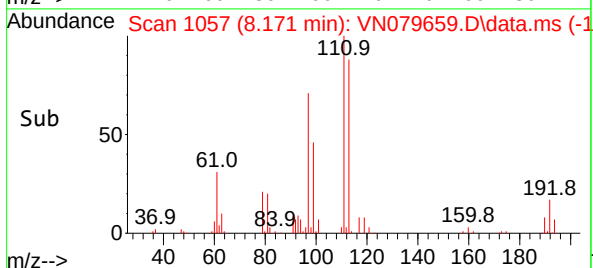
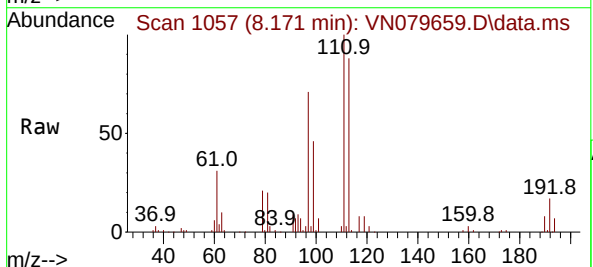
RT: 8.171 min Scan# 1057

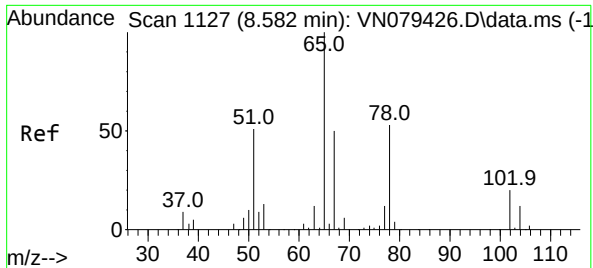
Delta R.T. -0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Tgt Ion:	97	Resp:	100078
Ion Ratio	Lower	Upper	
97	100		
99	68.5	50.3	75.5
61	49.9	34.7	52.1





#33
1,2-Dichloroethane-d4
Concen: 45.680 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

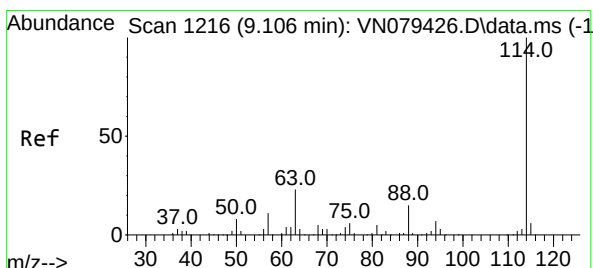
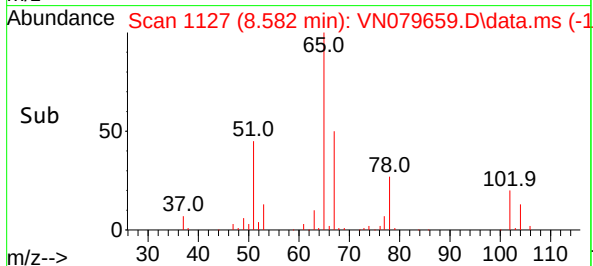
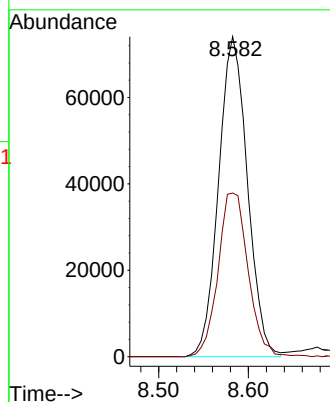
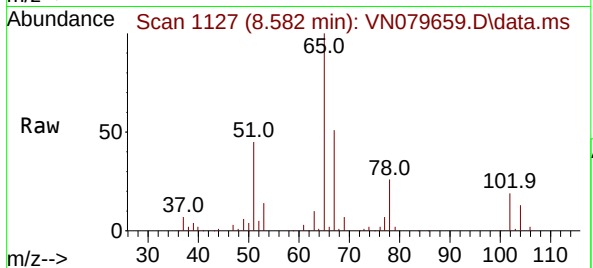
Tgt Ion: 65 Resp: 165115
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6

Manual Integrations

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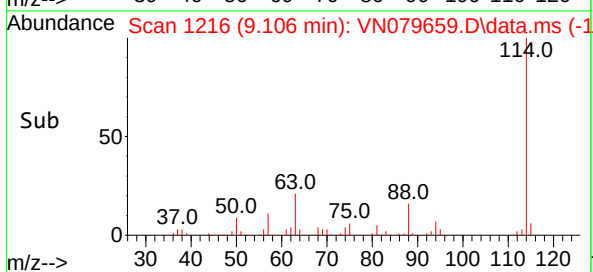
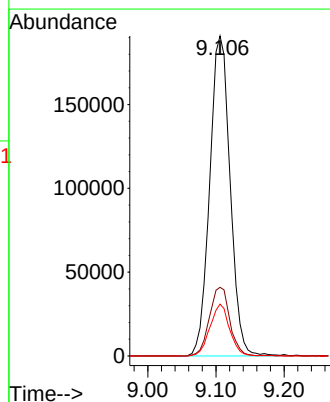
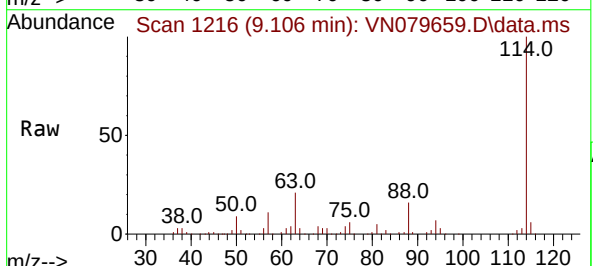
Reviewed By :John Carlone 10/25/2023

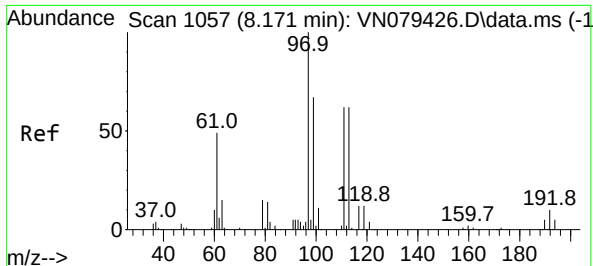
Supervised By :Mahesh Dadoda 10/25/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion:114 Resp: 398374
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.407 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion:113 Resp: 12999

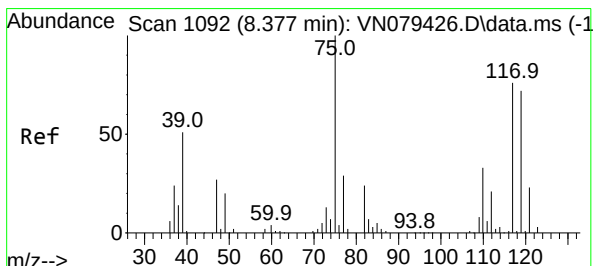
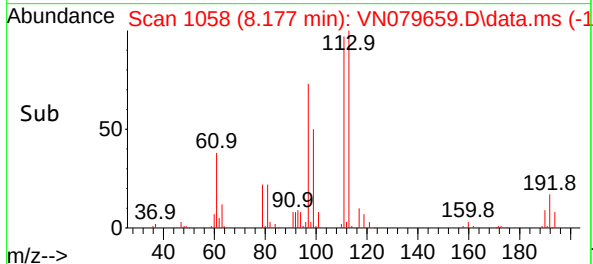
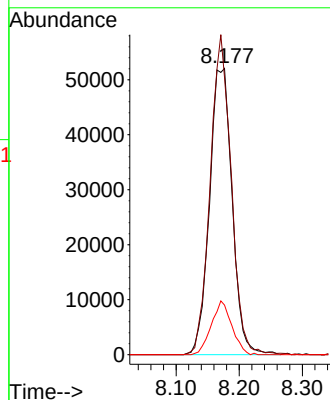
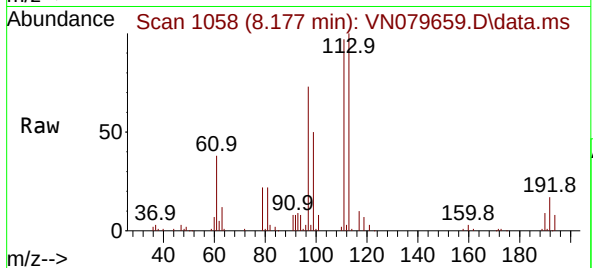
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	17.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#36

1,1-Dichloropropene

Concen: 19.570 ug/l

RT: 8.377 min Scan# 1092

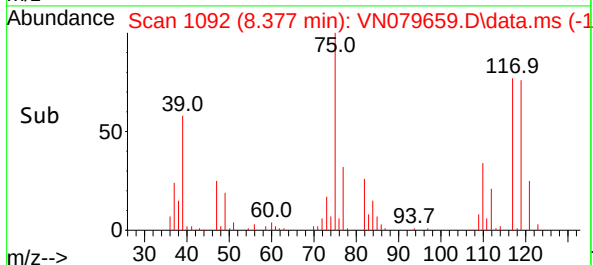
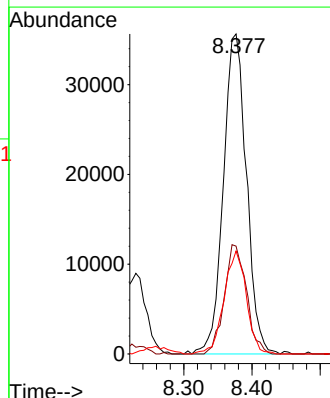
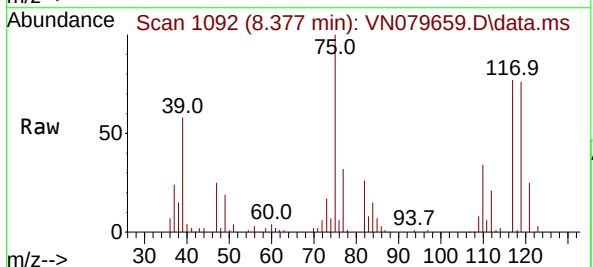
Delta R.T. -0.000 min

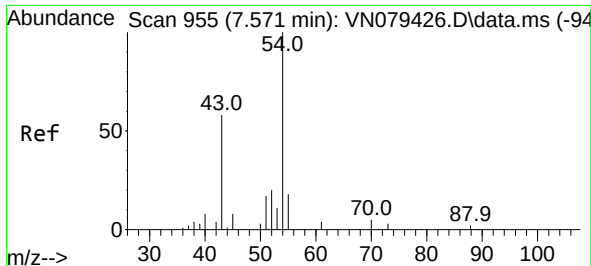
Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Tgt Ion: 75 Resp: 84089

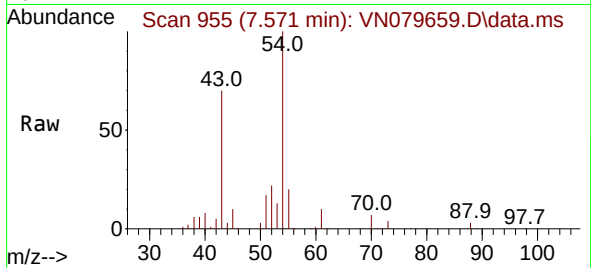
Ion	Ratio	Lower	Upper
75	100		
110	32.7	19.1	57.3
77	31.1	25.0	37.4





#37
Ethyl Acetate
Concen: 22.490 ug/l
RT: 7.571 min Scan# 915
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

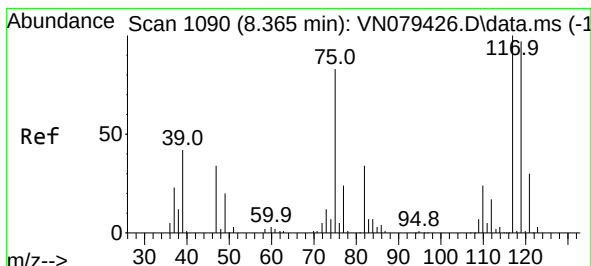
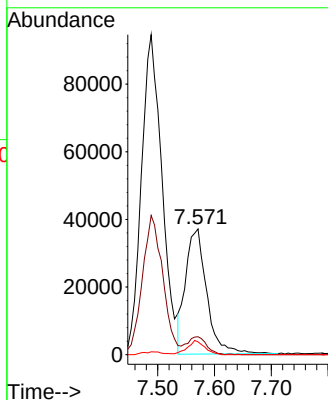
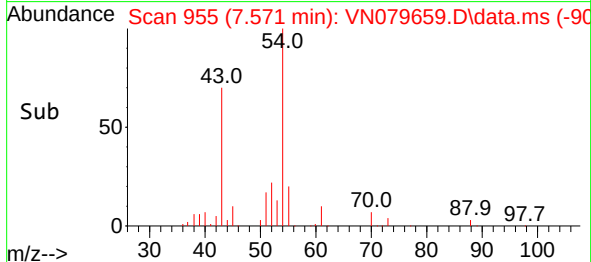
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



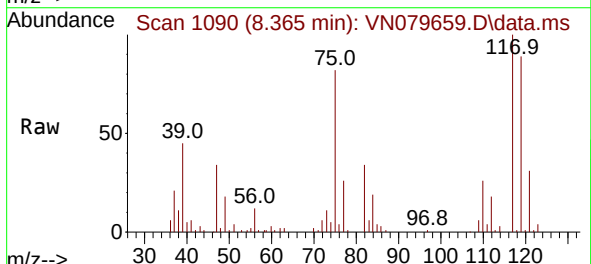
Tgt Ion: 43 Resp: 96154
Ion Ratio Lower Upper
43 100
61 13.0 13.2 19.8
70 9.1 11.3 16.9

Manual Integrations
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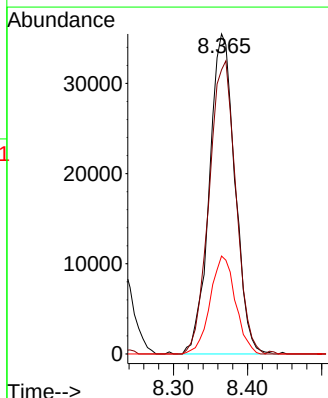
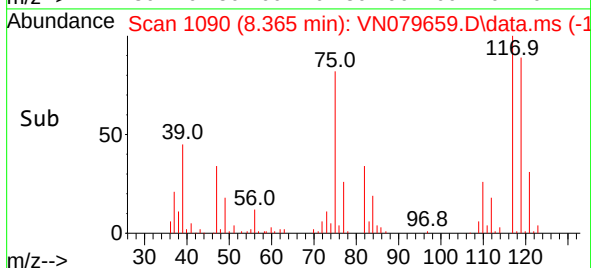
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

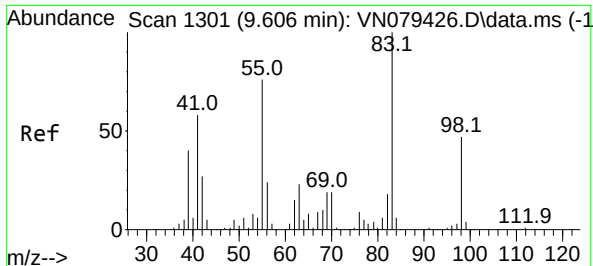


#38
Carbon Tetrachloride
Concen: 19.758 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



Tgt Ion:117 Resp: 84990
Ion Ratio Lower Upper
117 100
119 88.8 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 17.851 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 83 Resp: 7369

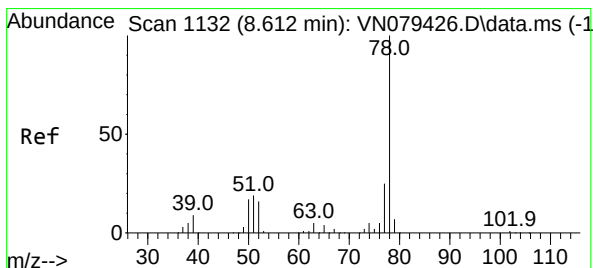
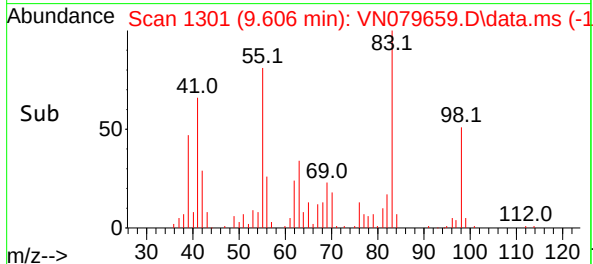
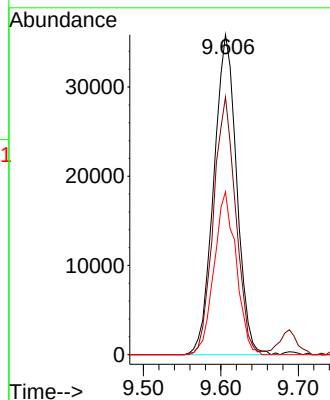
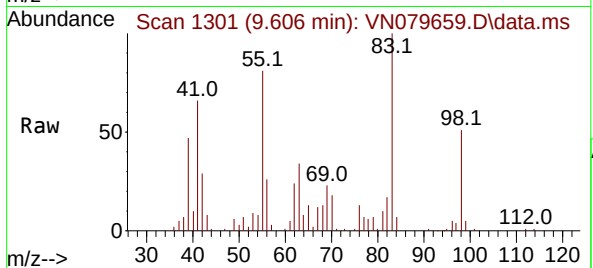
Ion	Ratio	Lower	Upper
83	100		
55	80.6	49.1	73.7
98	50.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Benzene

Concen: 20.984 ug/l

RT: 8.612 min Scan# 1132

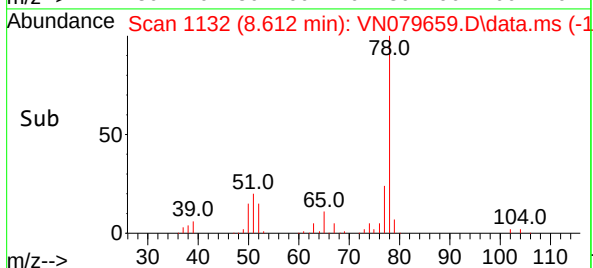
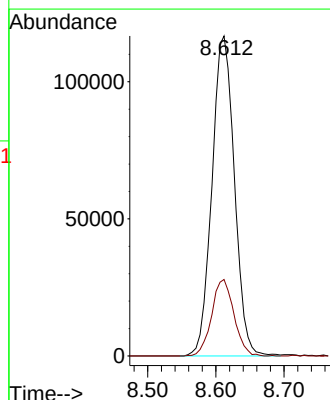
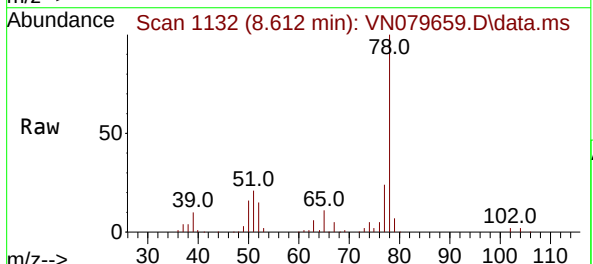
Delta R.T. -0.000 min

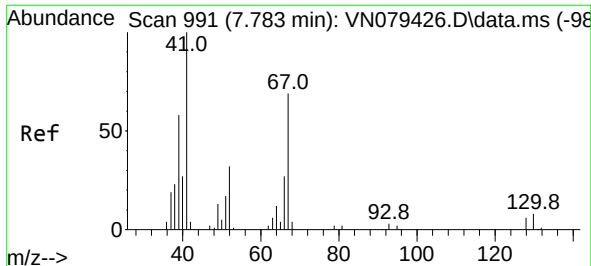
Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Tgt Ion: 78 Resp: 267764

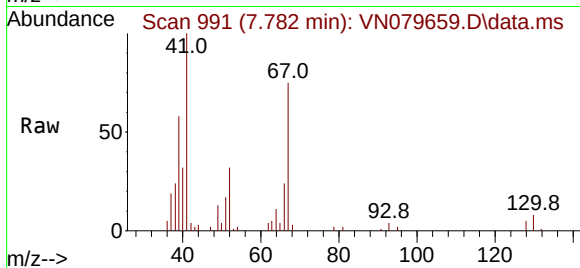
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





#41
Methacrylonitrile
Concen: 22.264 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

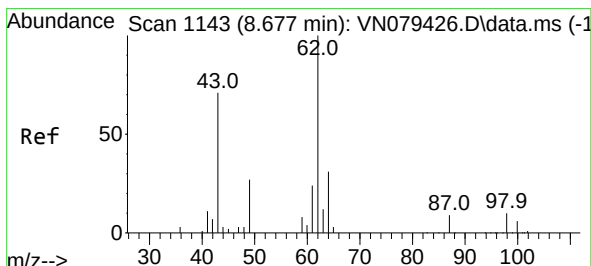
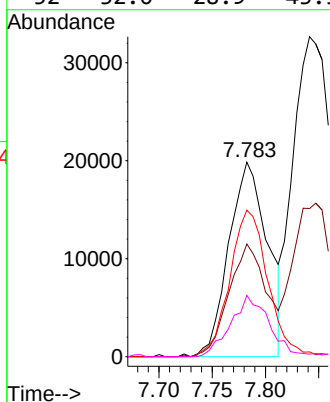
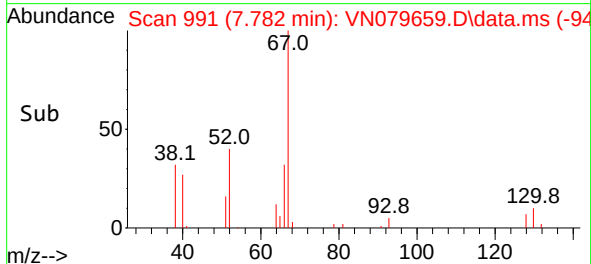
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 41 Resp: 5004
Ion Ratio Lower Upper
41 100
39 57.0 42.6 64.0
67 74.6 77.5 116.3
52 32.0 28.9 43.3

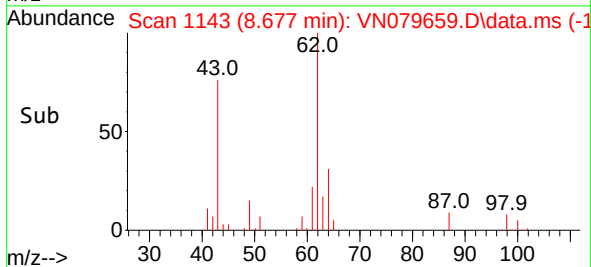
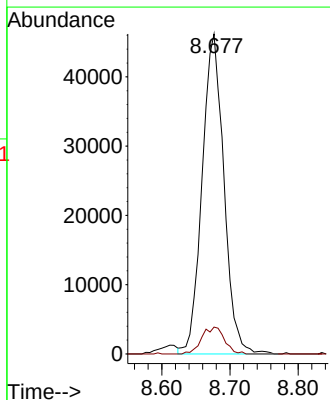
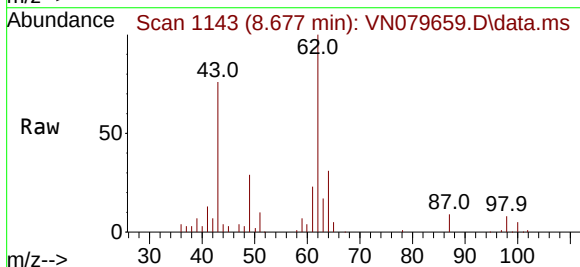
Manual Integrations
APPROVED

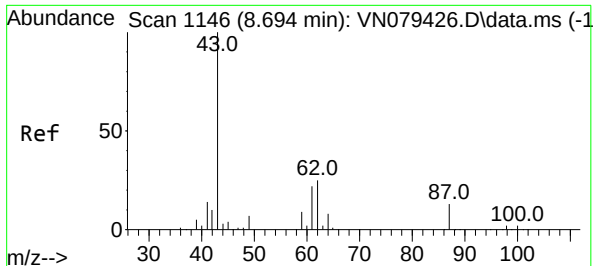
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#42
1,2-Dichloroethane
Concen: 22.150 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion: 62 Resp: 102704
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





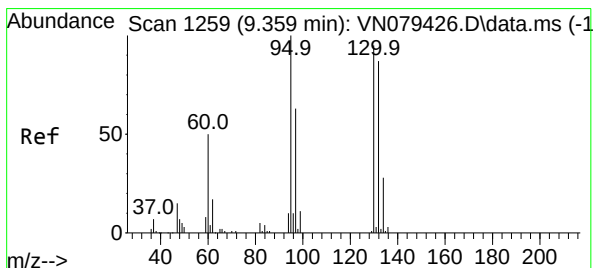
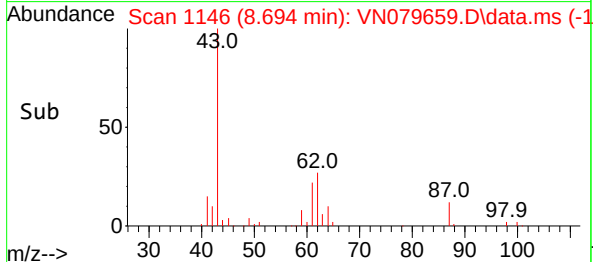
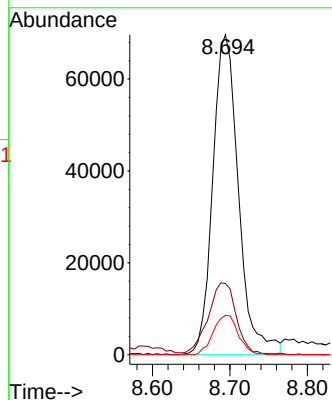
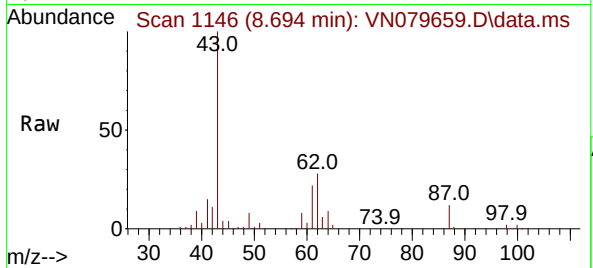
#43
Isopropyl Acetate
Concen: 21.477 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 43 Resp: 16087
Ion Ratio Lower Upper
43 100
61 24.0 24.7 37.1
87 11.9 14.6 21.8

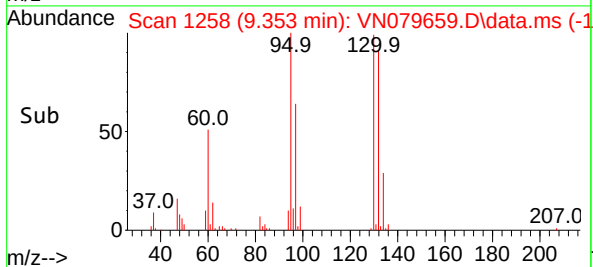
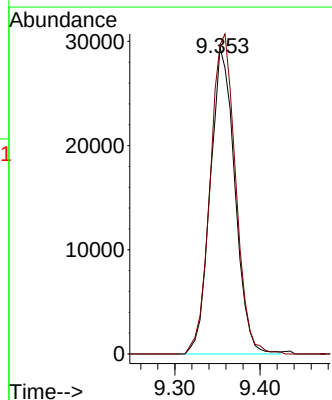
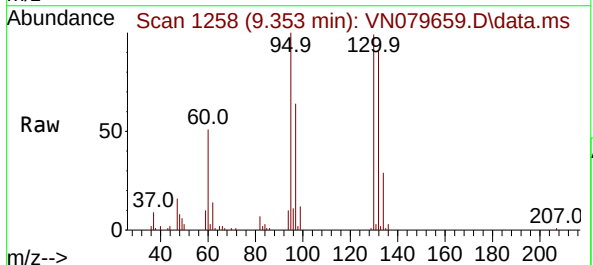
Manual Integrations
APPROVED

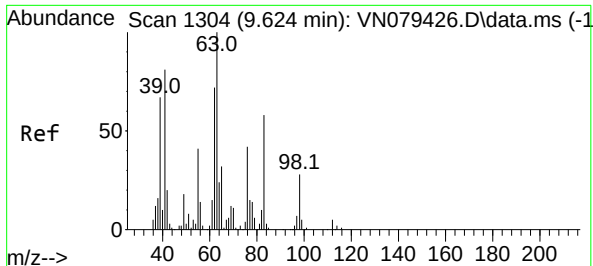
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#44
Trichloroethene
Concen: 19.620 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

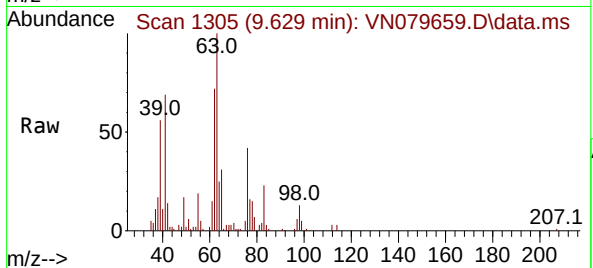
Tgt Ion:130 Resp: 58926
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.6





#45
1,2-Dichloropropane
Concen: 21.450 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

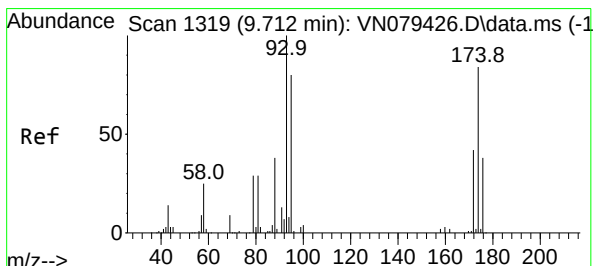
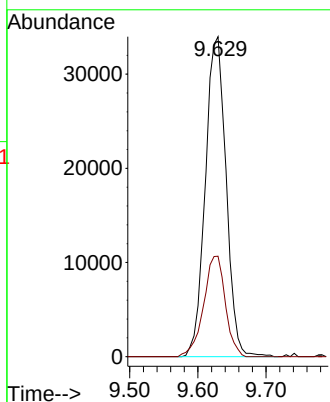
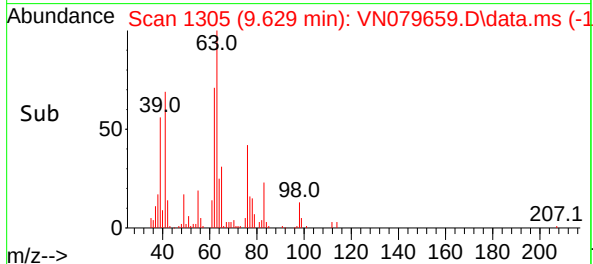
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 63 Resp: 72110
Ion Ratio Lower Upper
63 100
65 31.4 23.9 35.9

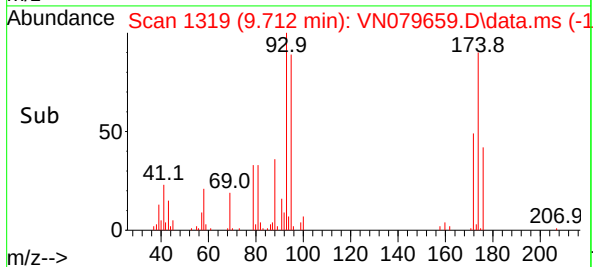
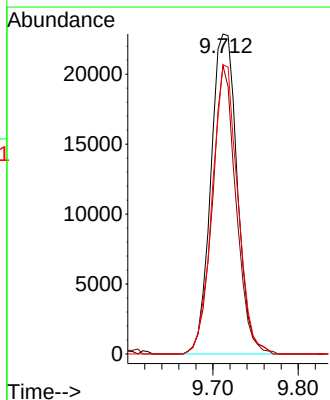
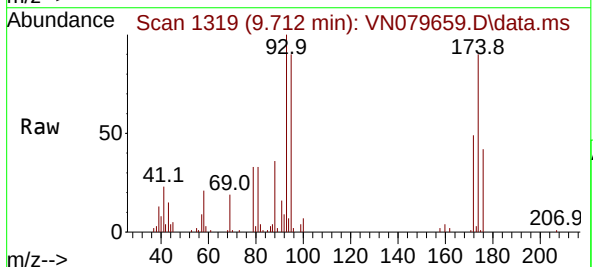
Manual Integrations
APPROVED

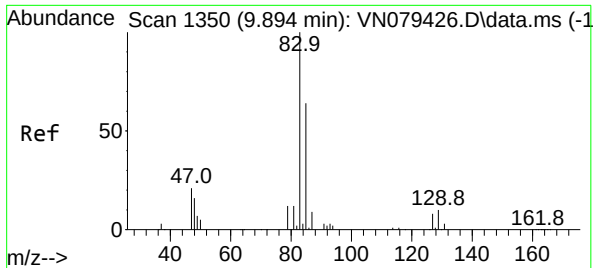
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#46
Dibromomethane
Concen: 22.611 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion: 93 Resp: 49235
Ion Ratio Lower Upper
93 100
95 80.9 63.8 95.8
174 87.4 65.6 98.4





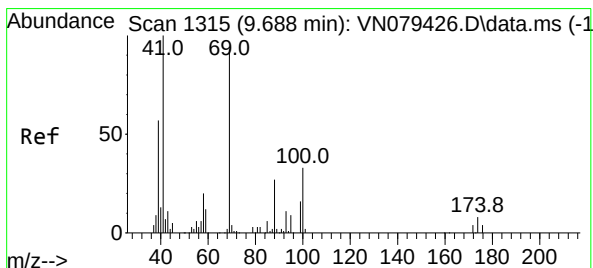
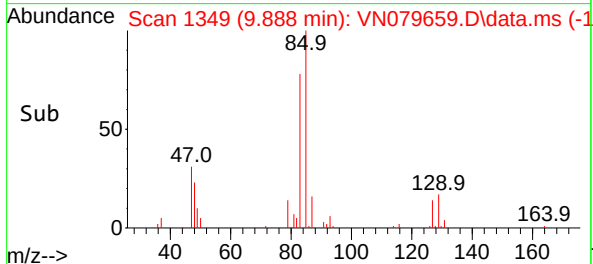
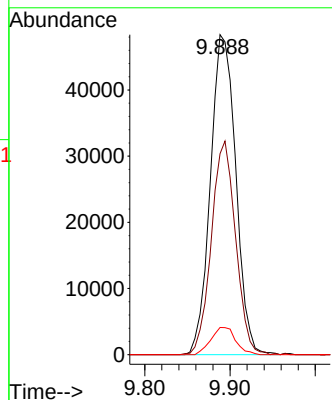
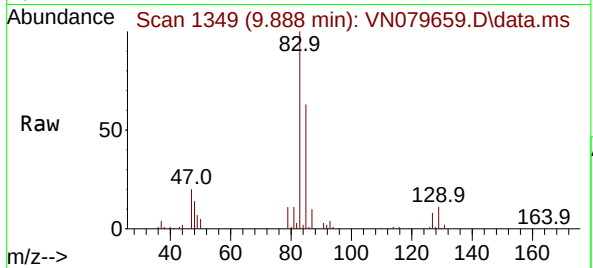
#47
Bromodichloromethane
Concen: 22.326 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 83 Resp: 10000
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 8.5 7.0 10.6

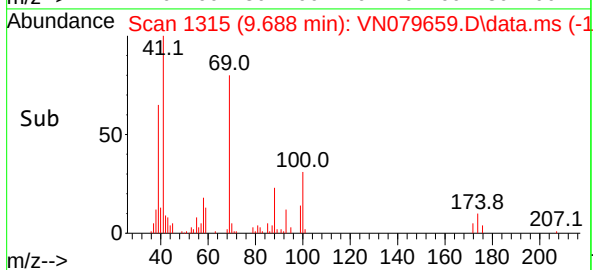
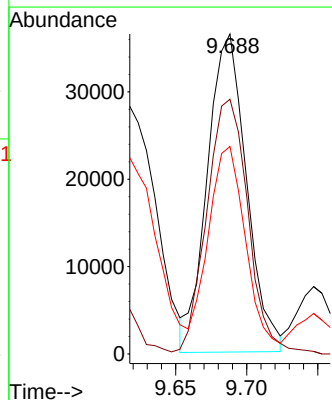
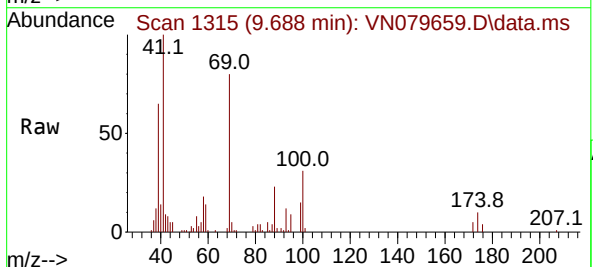
Manual Integrations
APPROVED

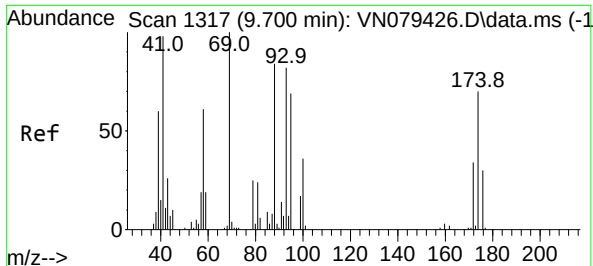
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#48
Methyl methacrylate
Concen: 21.785 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion: 41 Resp: 69924
Ion Ratio Lower Upper
41 100
69 84.6 90.4 135.6#
39 62.9 54.6 81.8





#49

1,4-Dioxane

Concen: 428.501 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 88 Resp: 25334

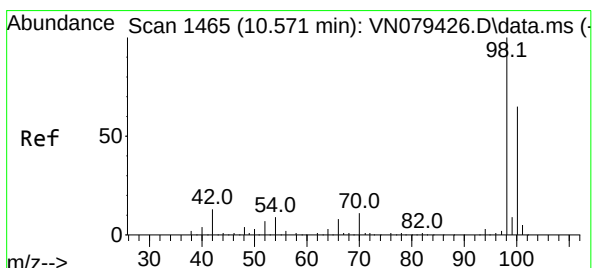
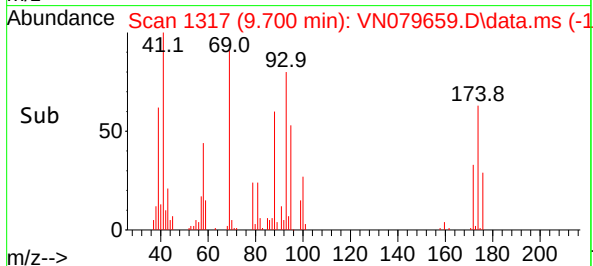
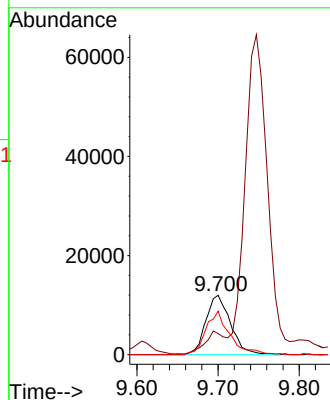
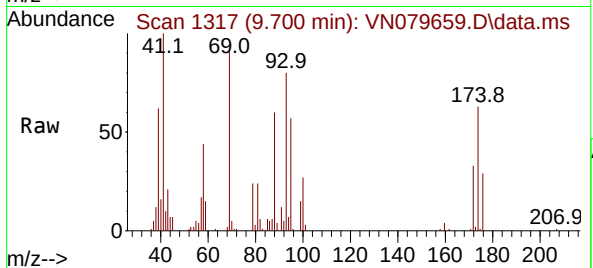
Ion	Ratio	Lower	Upper
88	100		
43	31.4	17.0	25.6
58	71.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

Toluene-d8

Concen: 44.683 ug/l

RT: 10.571 min Scan# 1465

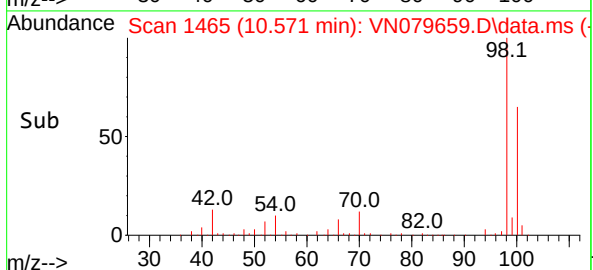
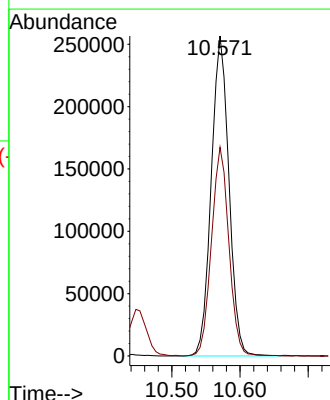
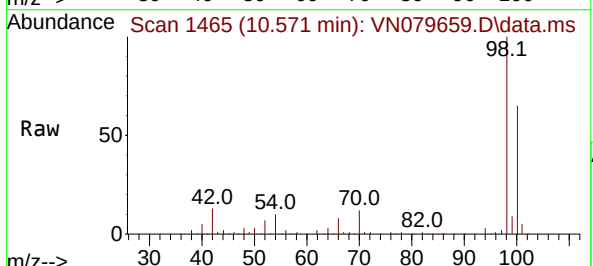
Delta R.T. -0.000 min

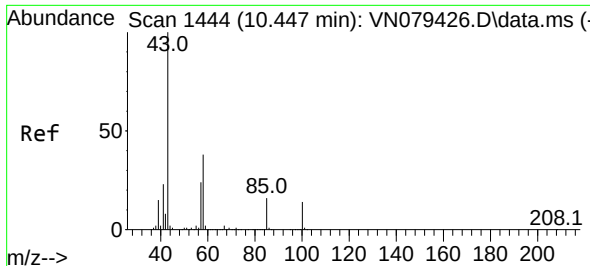
Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Tgt Ion: 98 Resp: 462858

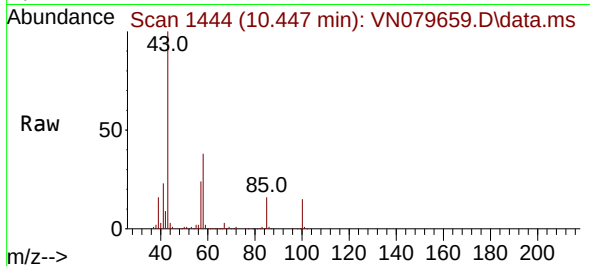
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 112.330 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

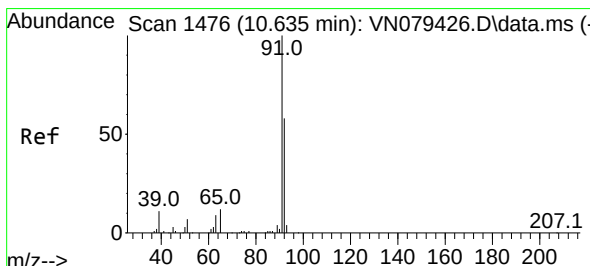
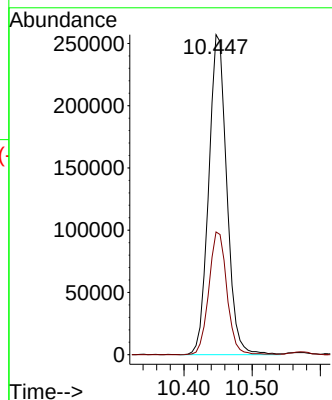
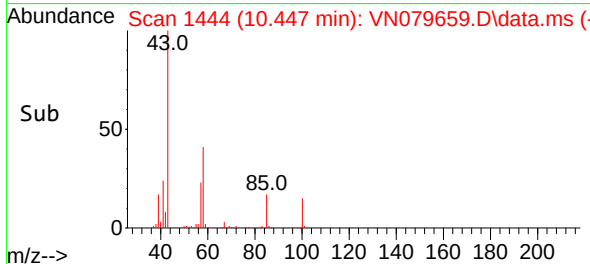
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



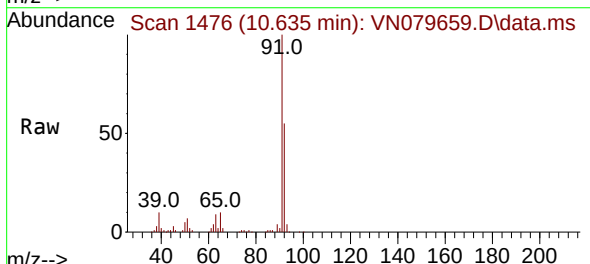
Tgt Ion: 43 Resp: 47496
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8

Manual Integrations
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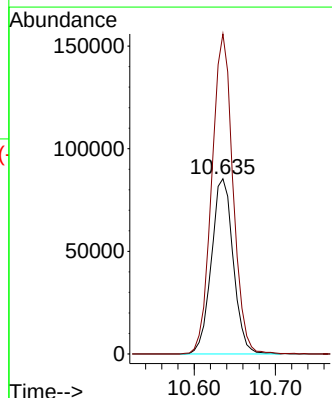
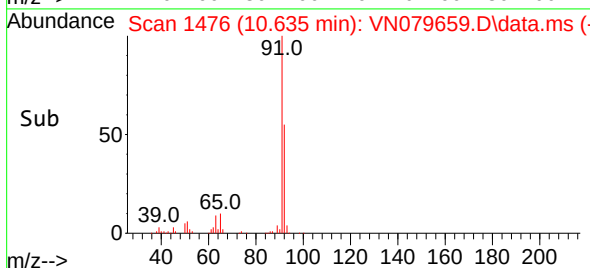
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

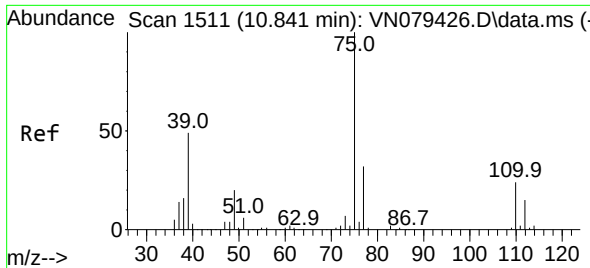


#52
Toluene
Concen: 21.202 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



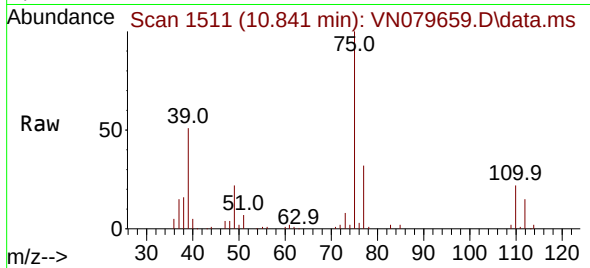
Tgt Ion: 92 Resp: 159259
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 22.835 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079659.D
 Acq: 24 Oct 2023 16:02

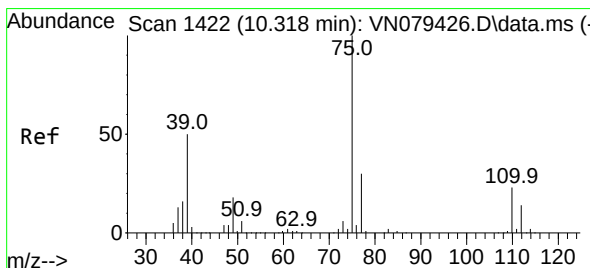
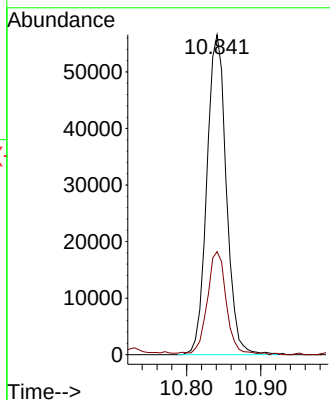
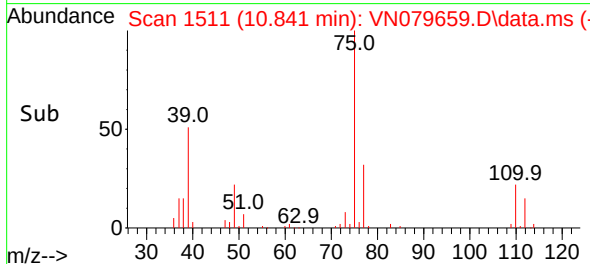
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01



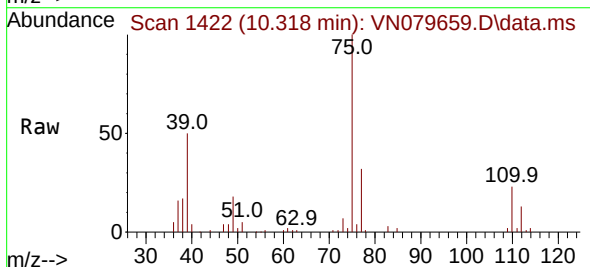
Tgt Ion: 75 Resp: 103074
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0

Manual Integrations
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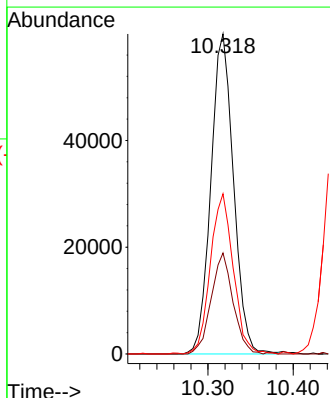
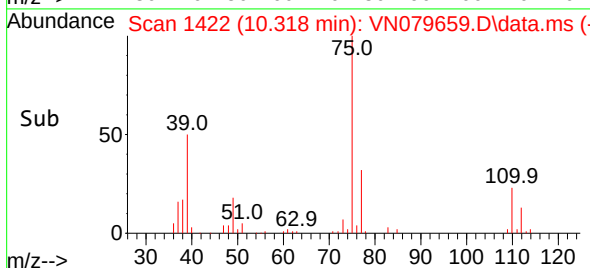
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

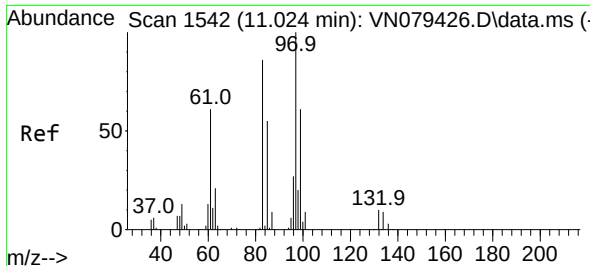


#54
 cis-1,3-Dichloropropene
 Concen: 22.418 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079659.D
 Acq: 24 Oct 2023 16:02



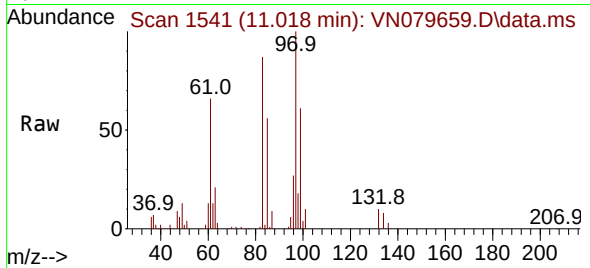
Tgt Ion: 75 Resp: 110773
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.1 39.1
 39 50.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 22.750 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

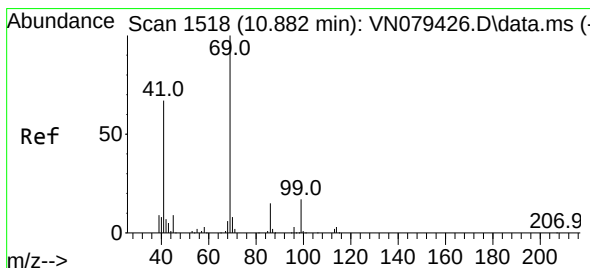
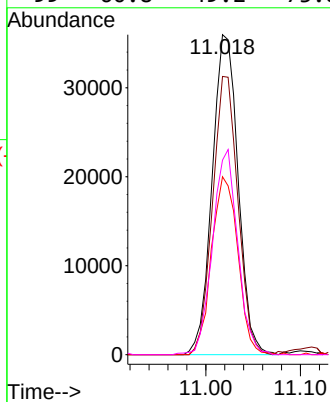
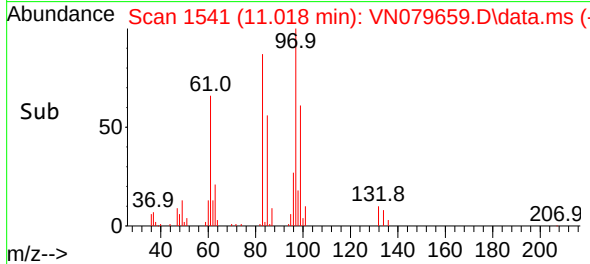
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



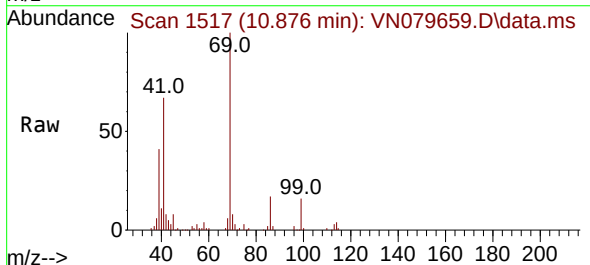
Tgt Ion:	97	Resp:	68604
Ion	Ratio	Lower	Upper
97	100		
83	86.9	65.1	97.7
85	55.6	43.4	65.2
99	60.8	49.2	73.8

Manual Integrations
APPROVED

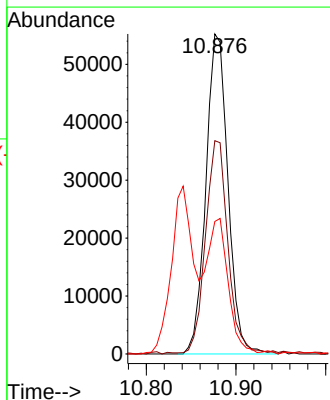
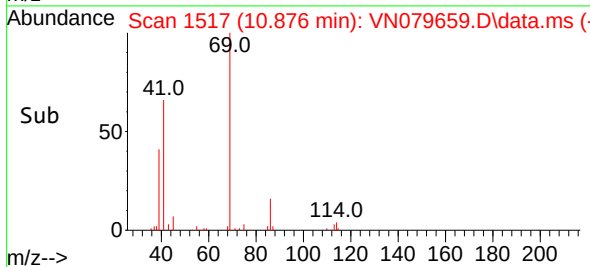
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

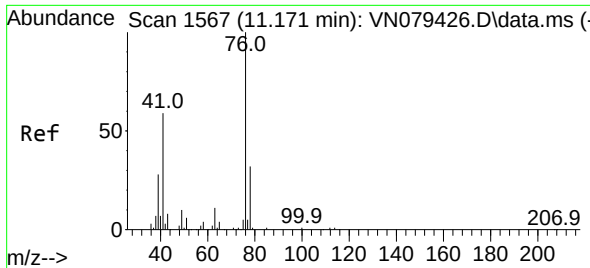


#56
Ethyl methacrylate
Concen: 22.786 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



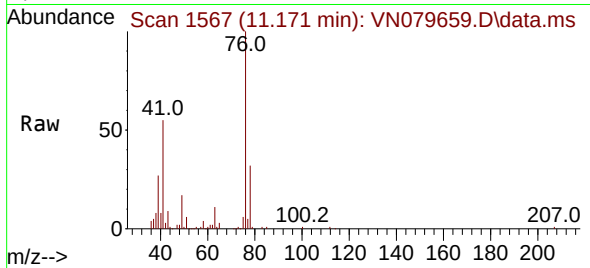
Tgt Ion:	69	Resp:	94419
Ion	Ratio	Lower	Upper
69	100		
41	68.1	39.6	59.4#
39	40.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 22.440 ug/l
RT: 11.171 min Scan# 11684
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

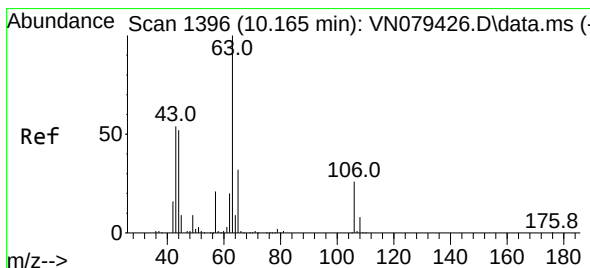
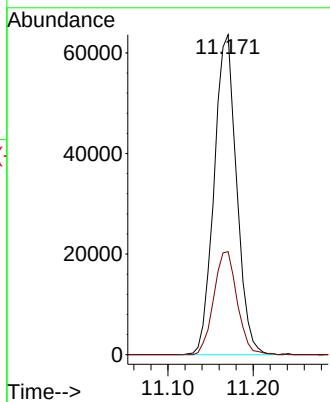
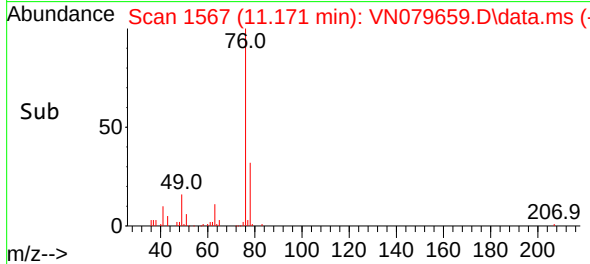
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 76 Resp: 11684
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1

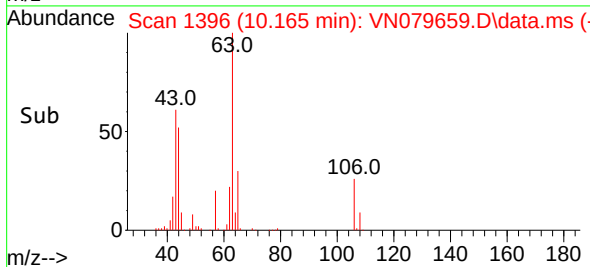
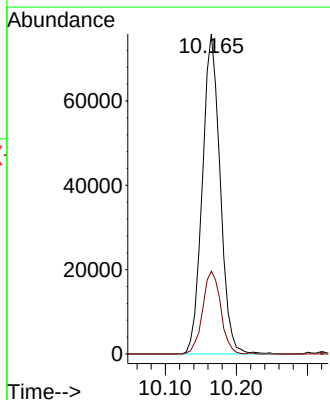
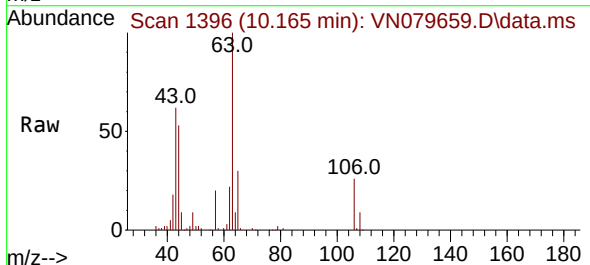
Manual Integrations
APPROVED

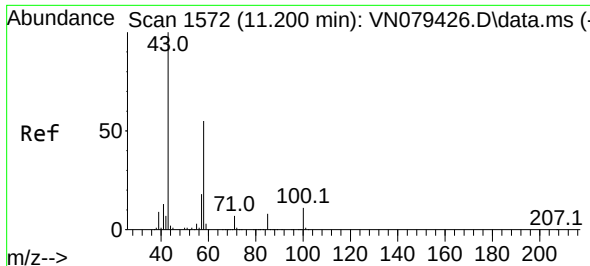
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#58
2-Chloroethyl Vinyl ether
Concen: 83.322 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

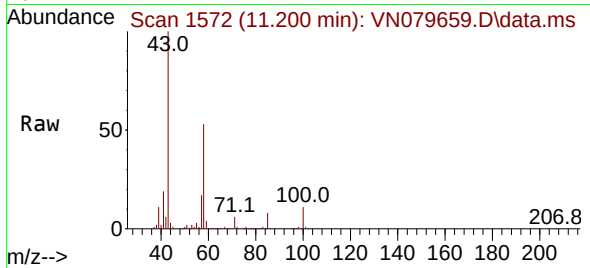
Tgt Ion: 63 Resp: 132226
Ion Ratio Lower Upper
63 100
106 26.3 26.2 39.4





#59
2-Hexanone
Concen: 113.527 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

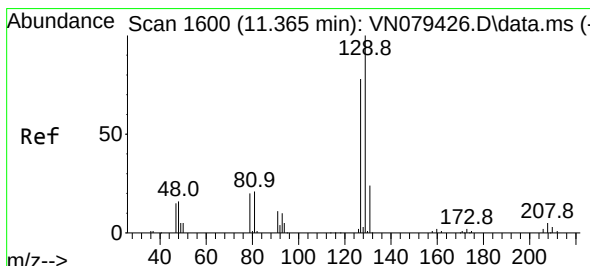
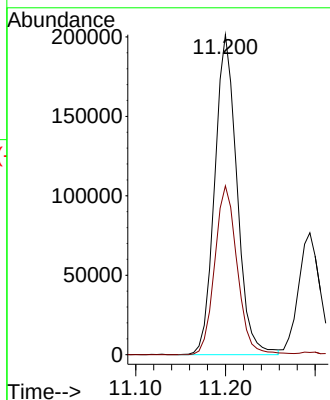
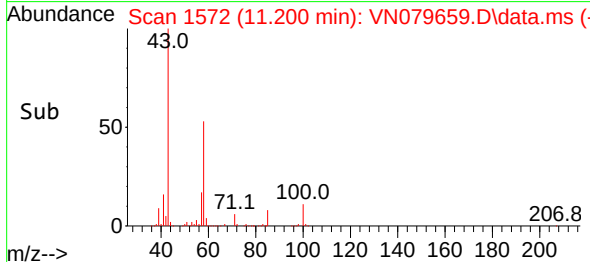
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 43 Resp: 346392
Ion Ratio Lower Upper
43 100
58 53.3 31.7 95.1

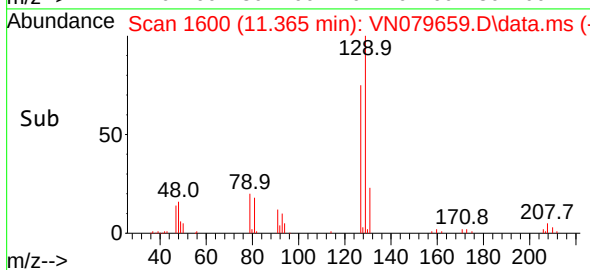
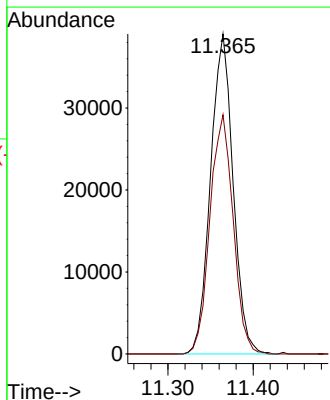
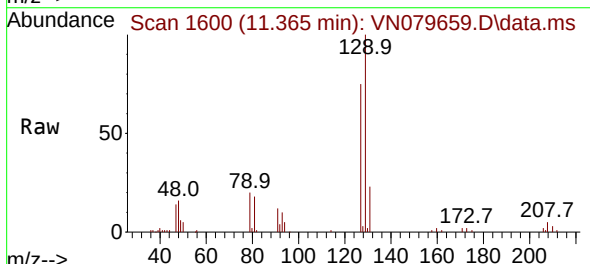
Manual Integrations
APPROVED

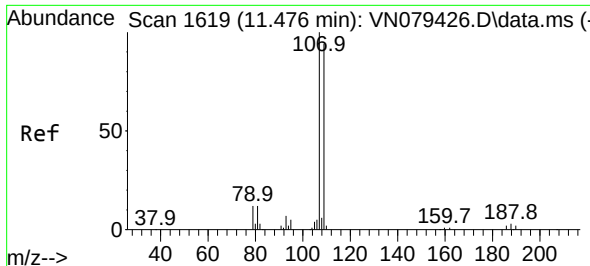
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
Dibromochloromethane
Concen: 23.624 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion:129 Resp: 71598
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





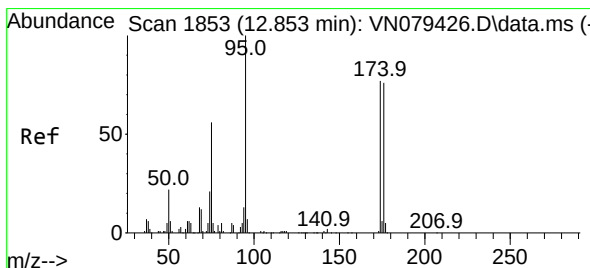
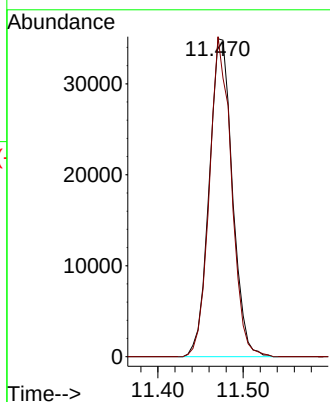
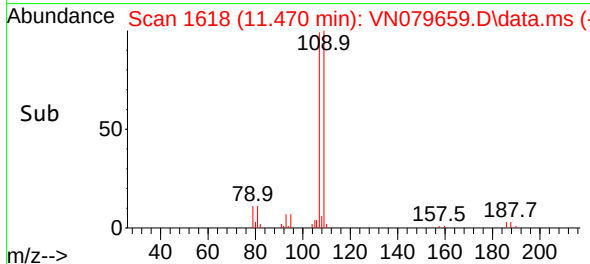
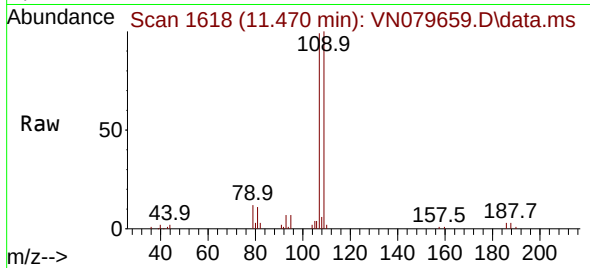
#61
1,2-Dibromoethane
Concen: 22.142 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:107 Resp: 66264
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

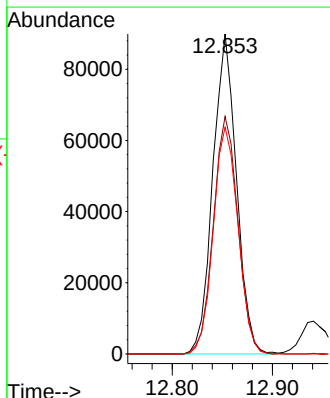
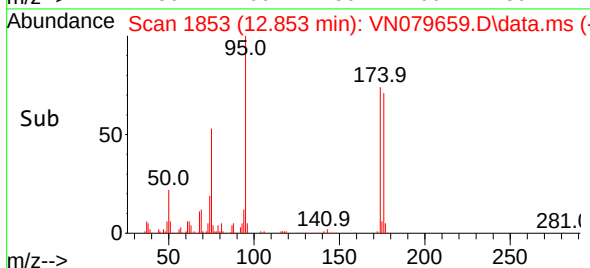
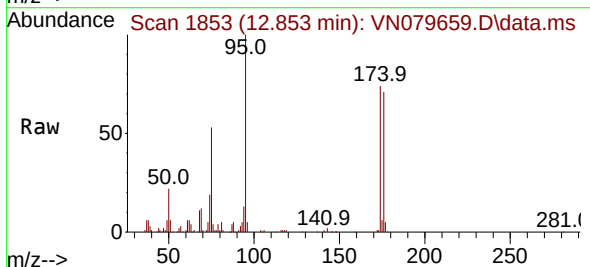
Manual Integrations
APPROVED

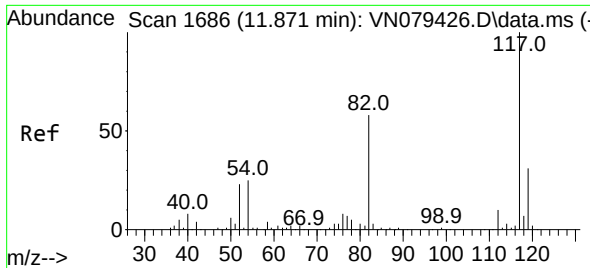
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
4-Bromofluorobenzene
Concen: 44.219 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

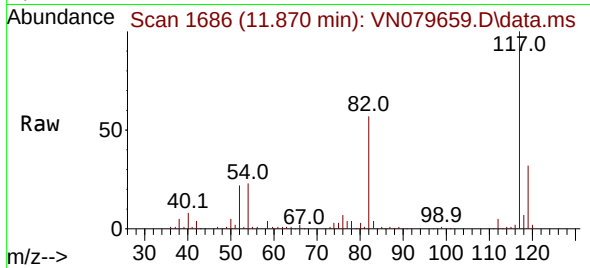
Tgt Ion: 95 Resp: 146997
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 74.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

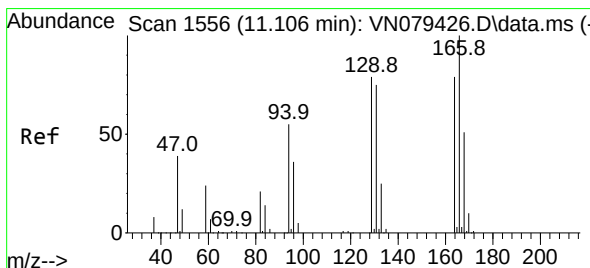
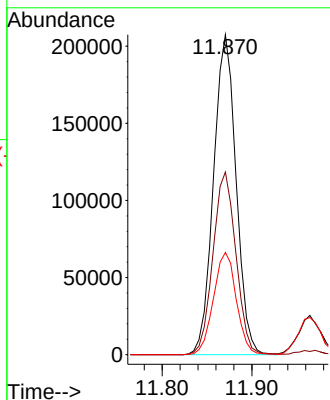
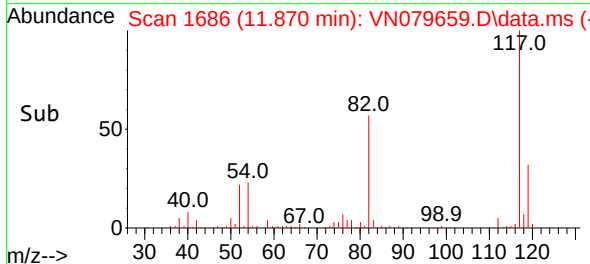
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:117 Resp: 36225
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.0 25.6 38.4

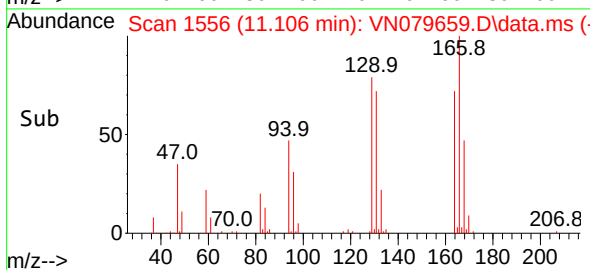
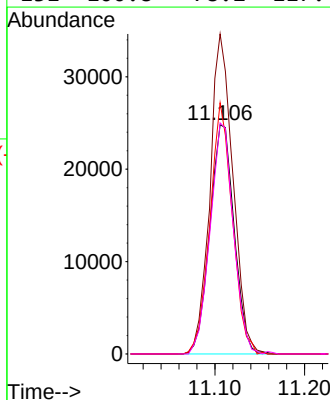
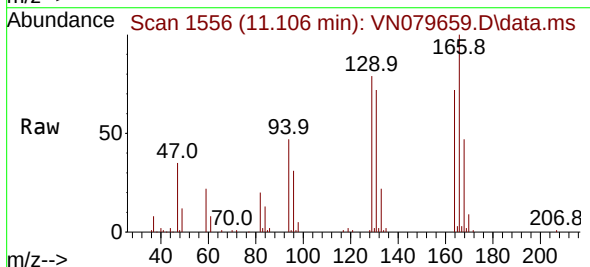
Manual Integrations
APPROVED

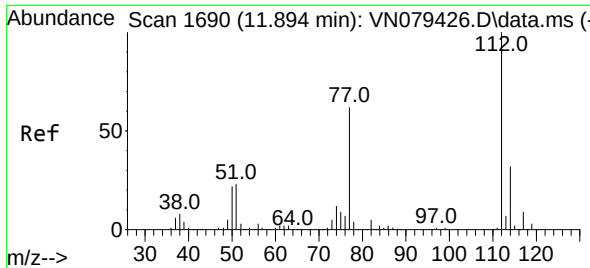
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#64
Tetrachloroethene
Concen: 18.715 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

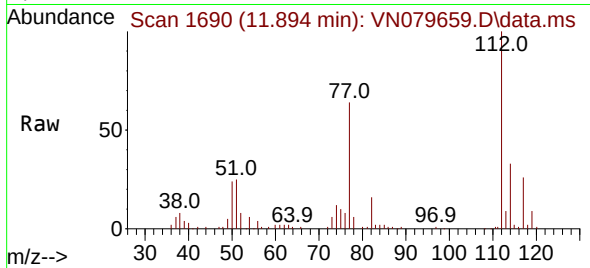
Tgt Ion:164 Resp: 46638
Ion Ratio Lower Upper
164 100
166 139.6 101.4 152.0
129 109.6 82.4 123.6
131 100.8 78.2 117.4





#65
Chlorobenzene
Concen: 20.599 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

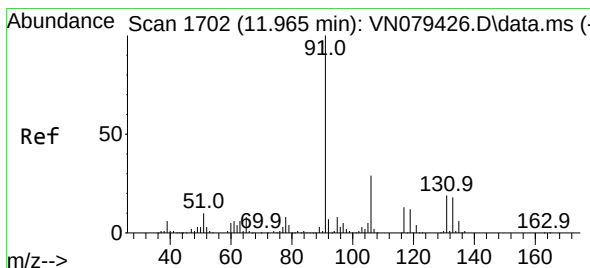
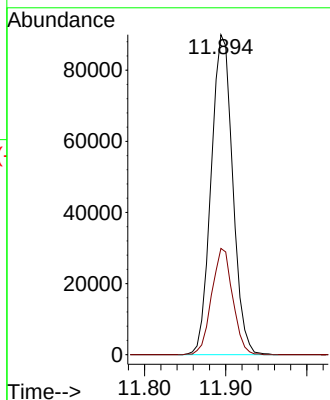
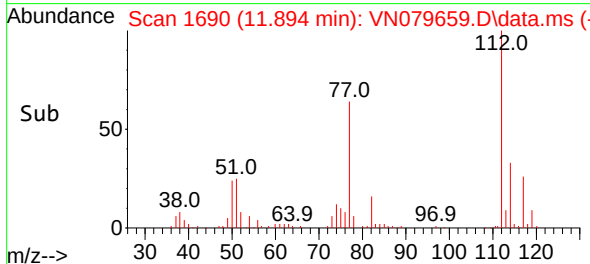
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:112 Resp: 166179
Ion Ratio Lower Upper
112 100
114 33.2 25.0 37.4

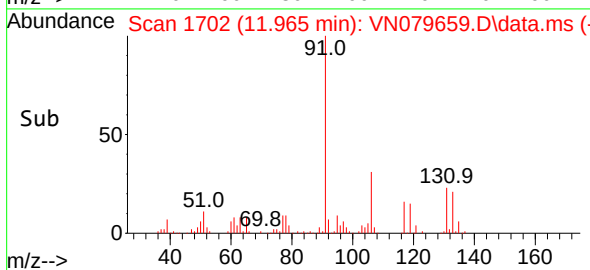
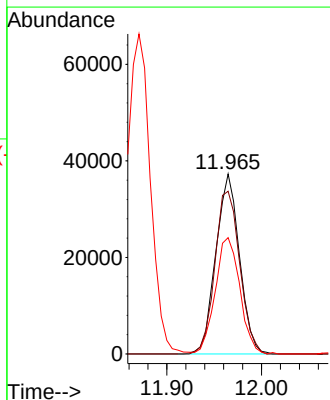
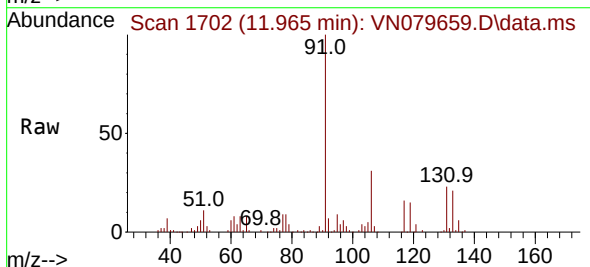
Manual Integrations
APPROVED

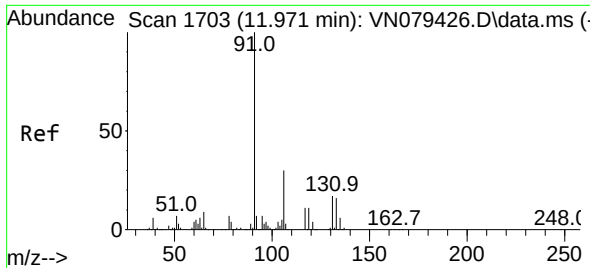
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.895 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

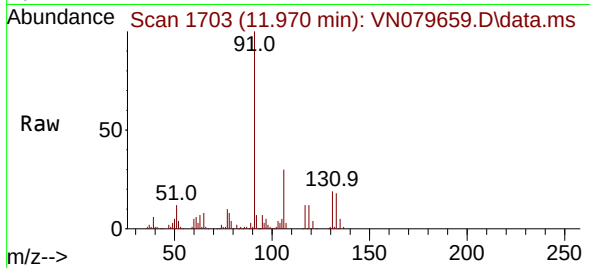
Tgt Ion:131 Resp: 64676
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.1
119 67.4 34.1 102.2





#67
Ethyl Benzene
Concen: 20.438 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

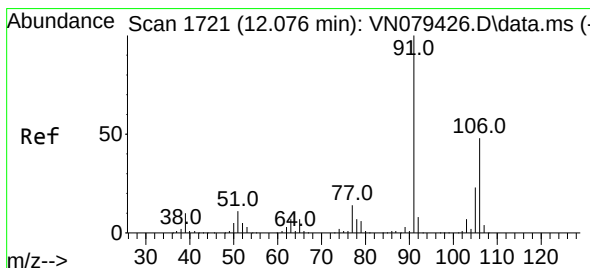
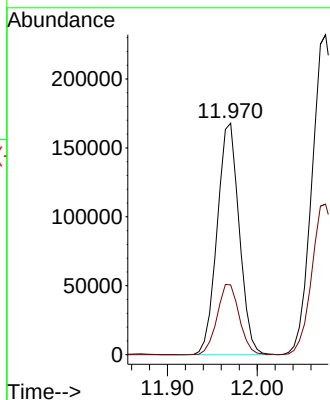
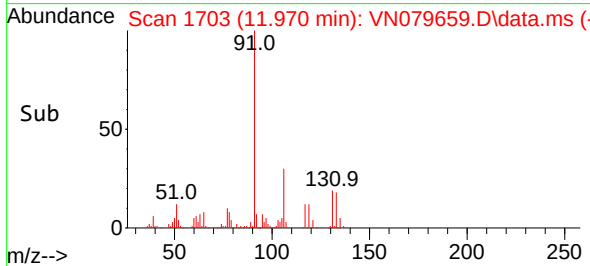
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



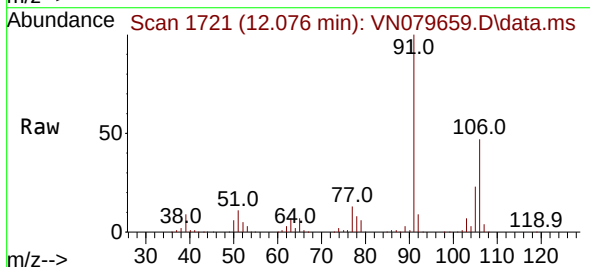
Tgt Ion: 91 Resp: 286589
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

Manual Integrations
APPROVED

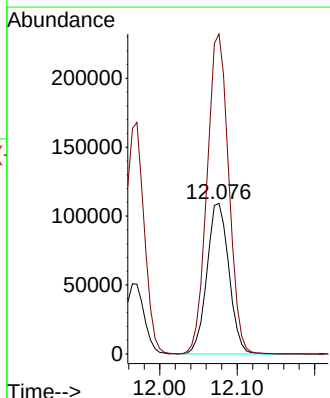
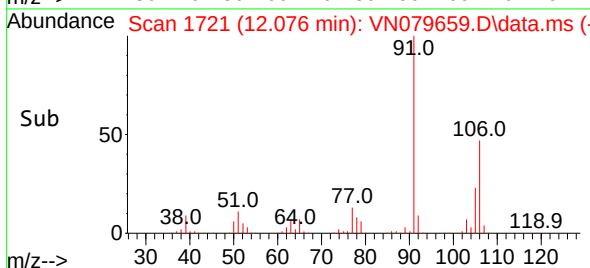
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

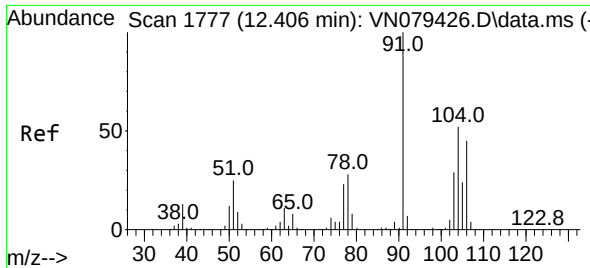


#68
m/p-Xylenes
Concen: 42.223 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



Tgt Ion:106 Resp: 215121
Ion Ratio Lower Upper
106 100
91 209.8 159.6 239.4





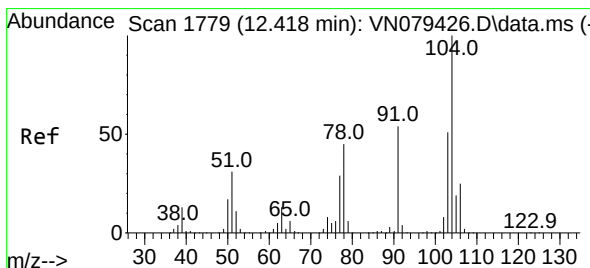
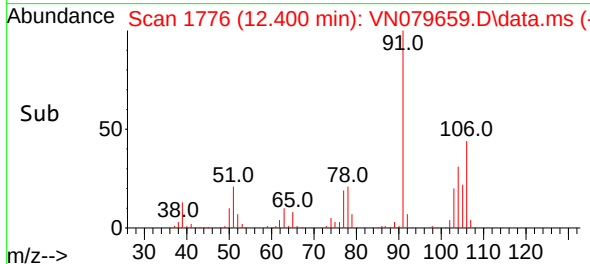
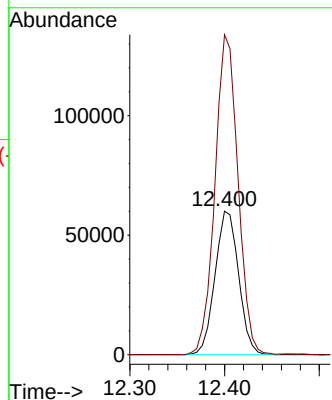
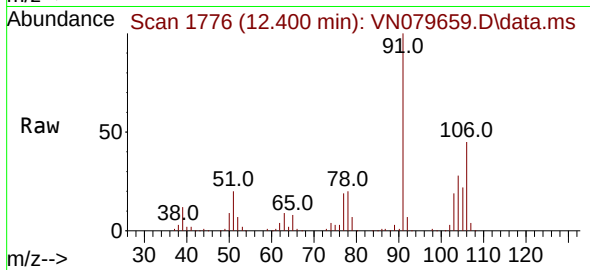
#69
o-Xylene
Concen: 20.723 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:106 Resp: 10383
Ion Ratio Lower Upper
106 100
91 218.3 105.2 315.5

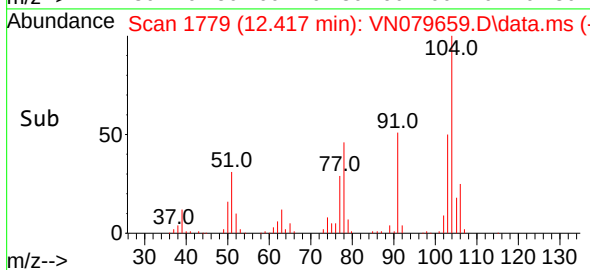
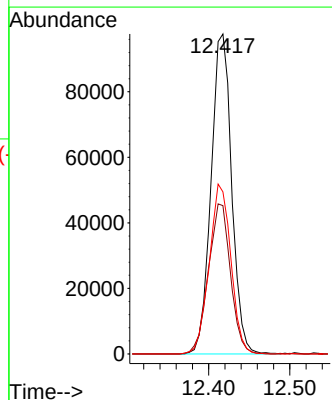
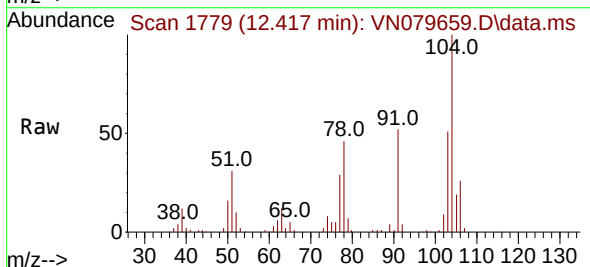
Manual Integrations
APPROVED

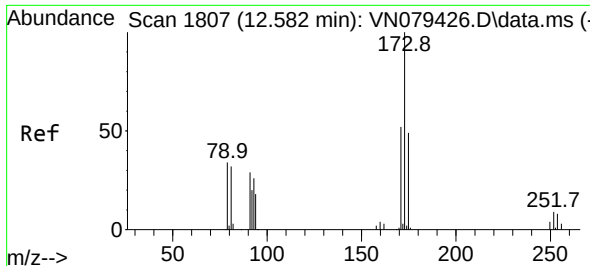
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#70
Styrene
Concen: 21.746 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

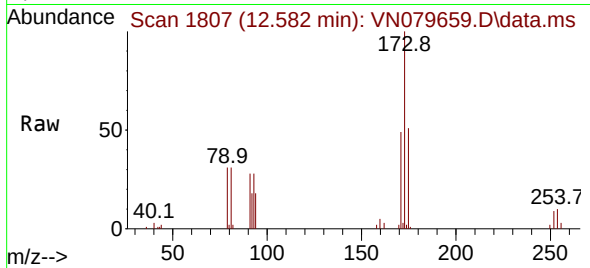
Tgt Ion:104 Resp: 172104
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 21.288 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

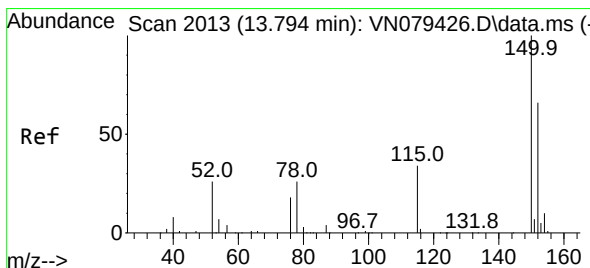
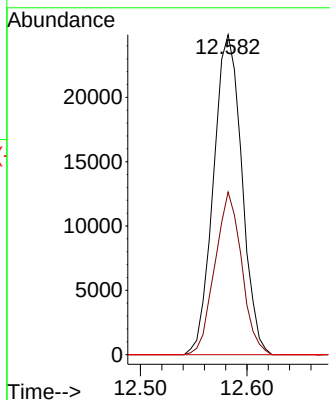
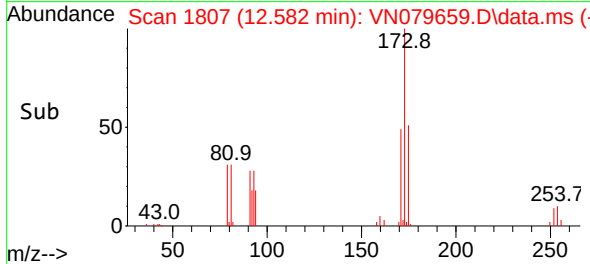
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



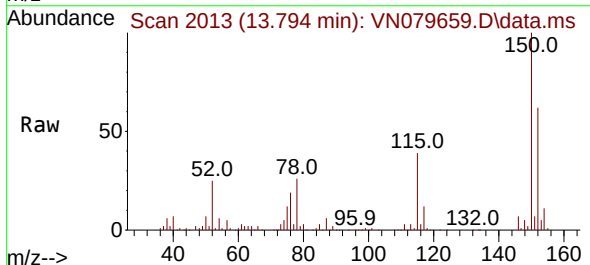
Tgt Ion:173 Resp: 4602
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

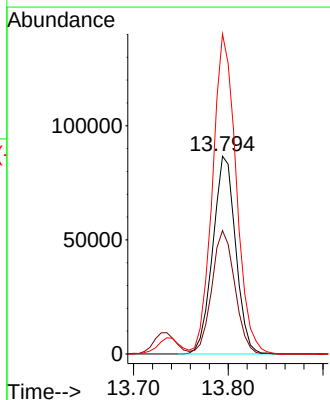
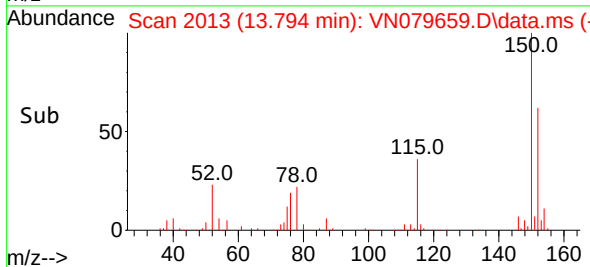
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

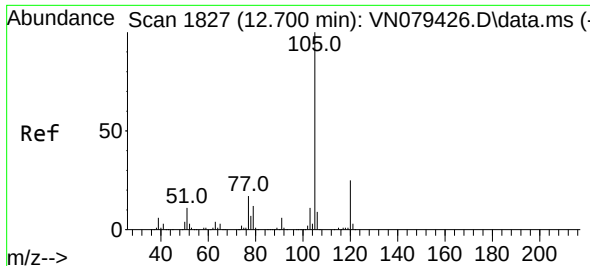


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



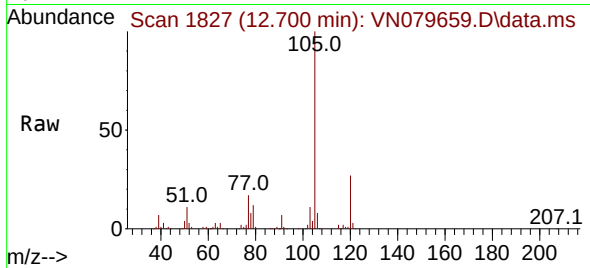
Tgt Ion:152 Resp: 145314
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 167.3 0.0 355.8





#73
Isopropylbenzene
Concen: 18.964 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

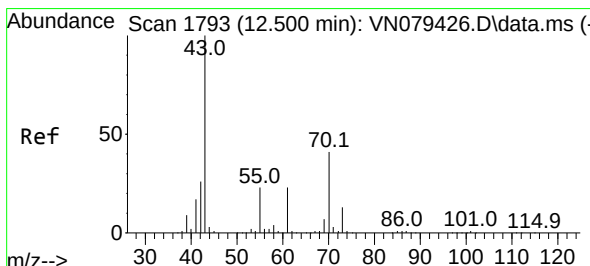
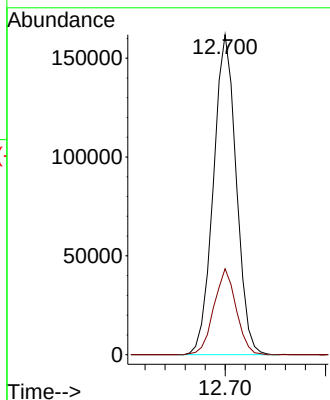
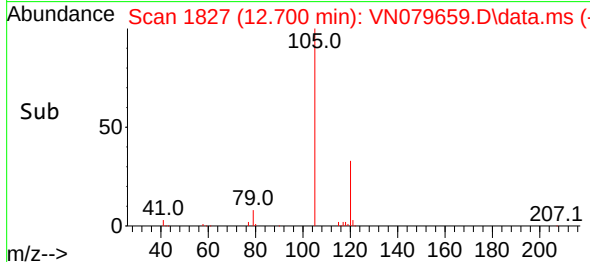
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:105 Resp: 256374
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

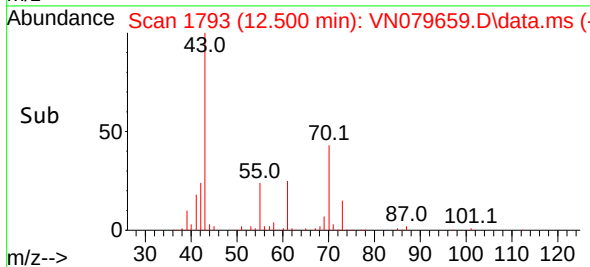
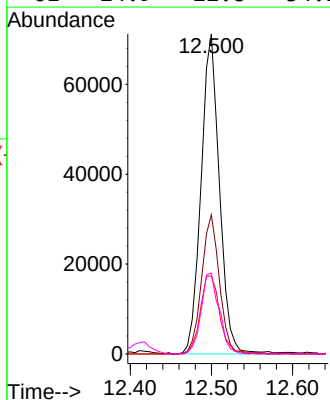
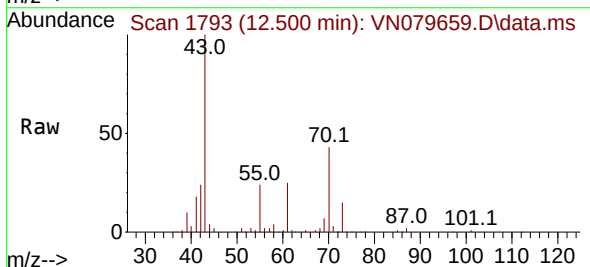
Manual Integrations
APPROVED

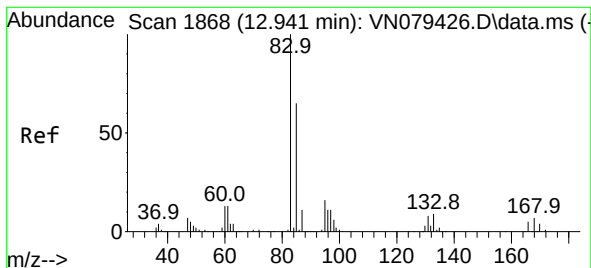
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#74
N-ethyl acetate
Concen: 20.216 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

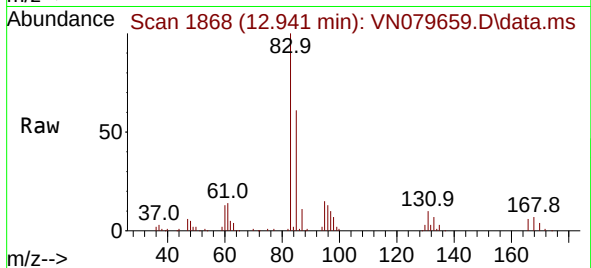
Tgt Ion: 43 Resp: 112042
Ion Ratio Lower Upper
43 100
70 41.9 43.4 65.2#
55 26.0 21.4 32.0
61 24.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.751 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

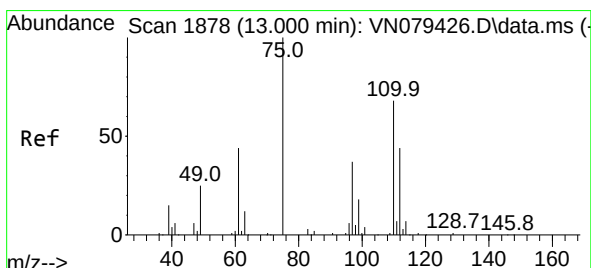
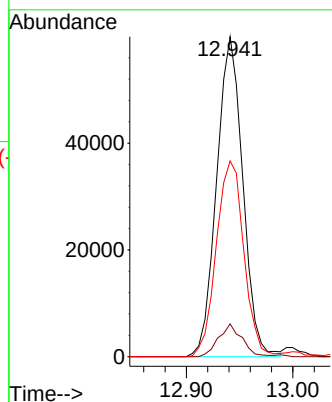
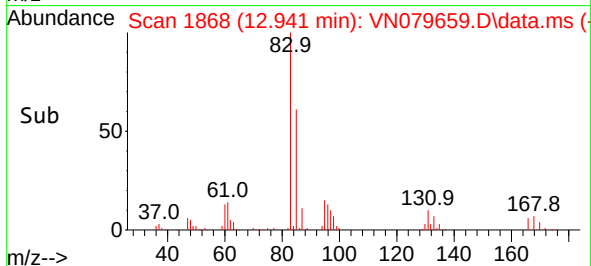
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 83 Resp: 10216
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 64.3 31.9 95.7

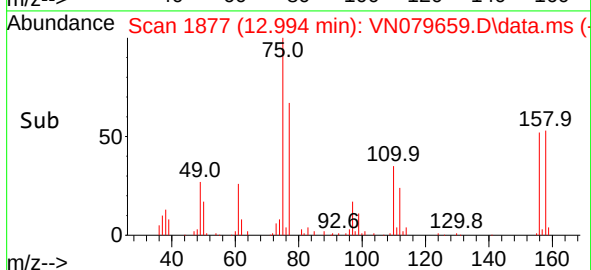
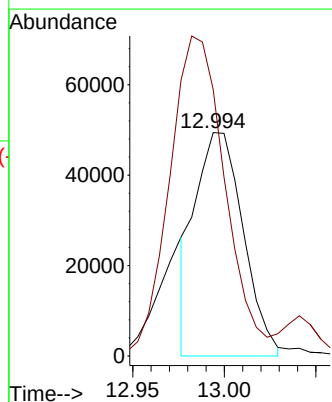
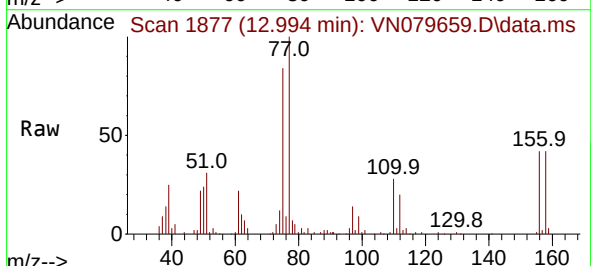
Manual Integrations
APPROVED

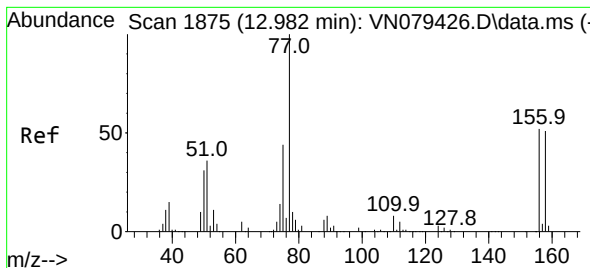
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#76
1,2,3-Trichloropropane
Concen: 21.407 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion: 75 Resp: 89693
Ion Ratio Lower Upper
75 100
77 166.2 84.5 253.5





#77

Bromobenzene

Concen: 19.600 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

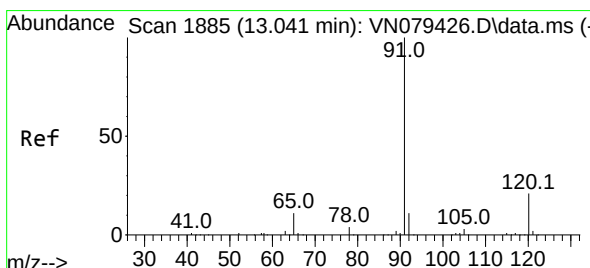
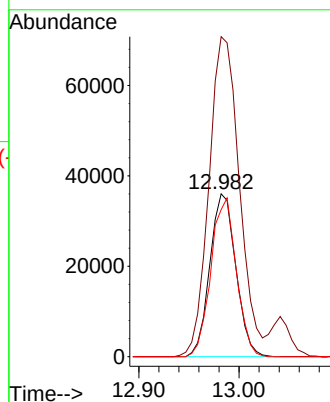
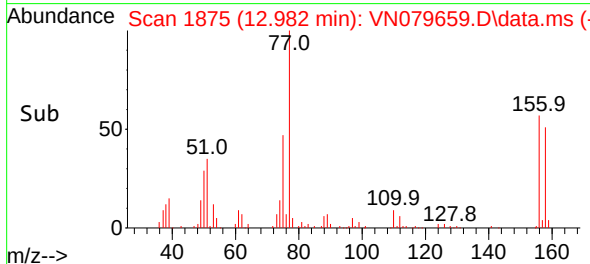
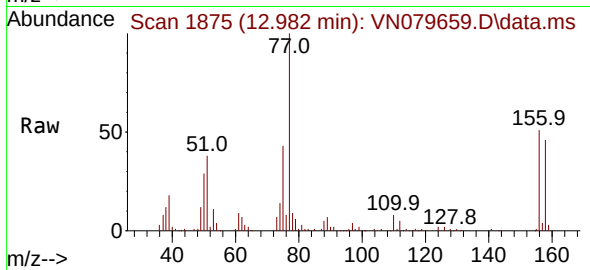
Tgt Ion:156 Resp: 64972
 Ion Ratio Lower Upper
 156 100
 77 229.4 107.7 323.3
 158 95.0 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#78

n-propylbenzene

Concen: 19.866 ug/l

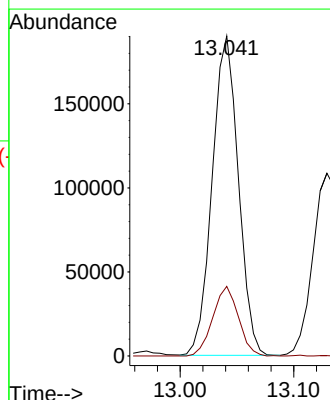
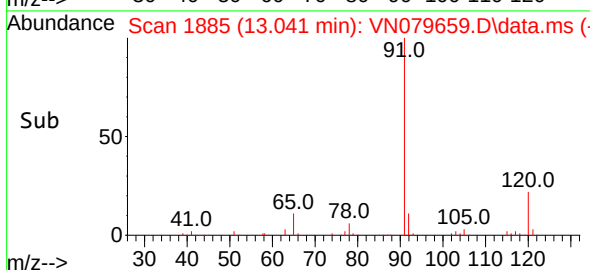
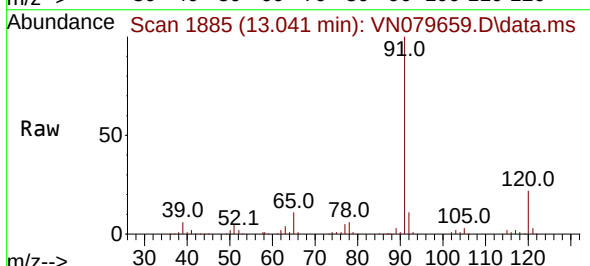
RT: 13.041 min Scan# 1885

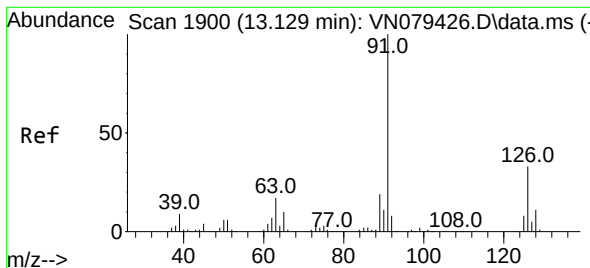
Delta R.T. -0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Tgt Ion: 91 Resp: 303863
 Ion Ratio Lower Upper
 91 100
 120 21.3 11.5 34.4





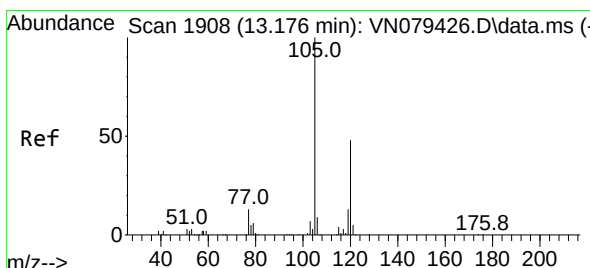
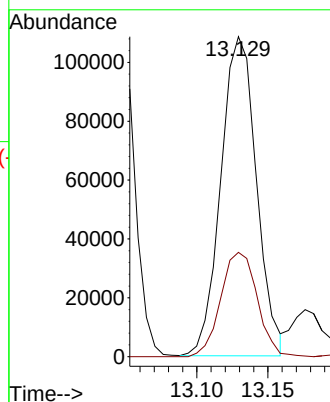
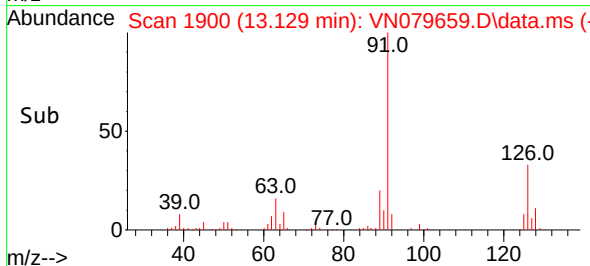
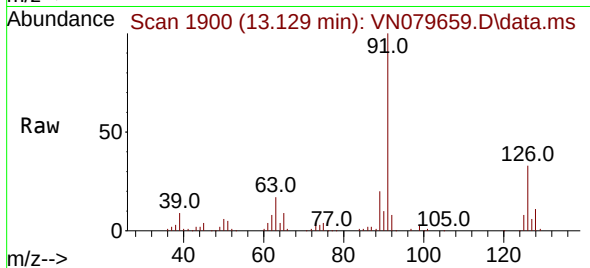
#79
2-Chlorotoluene
Concen: 19.355 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 91 Resp: 18944
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

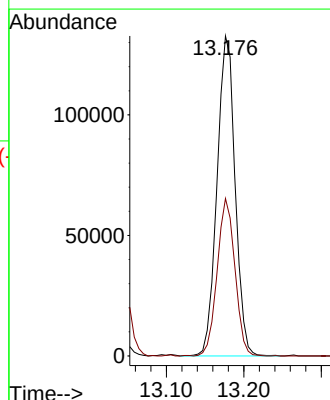
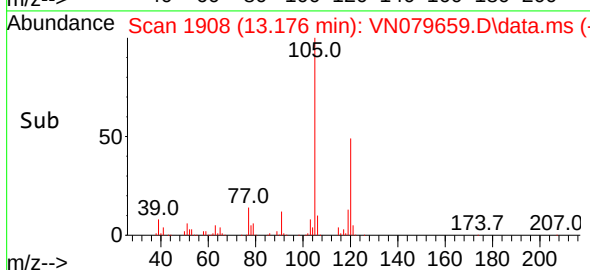
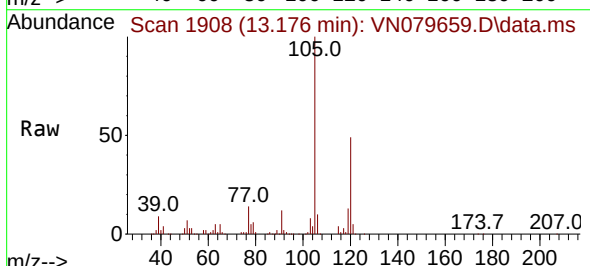
Manual Integrations
APPROVED

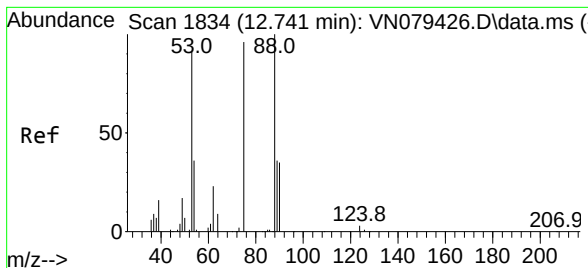
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.231 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

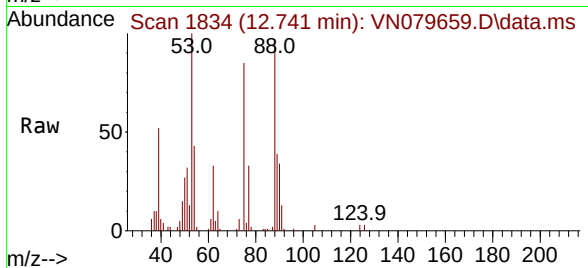
Tgt Ion:105 Resp: 215667
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.850 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

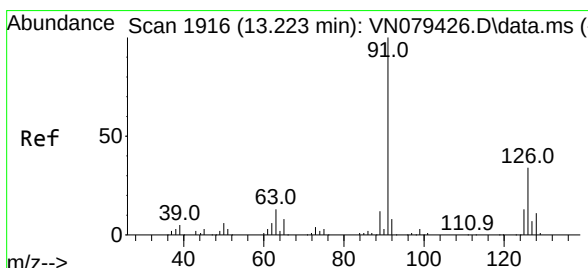
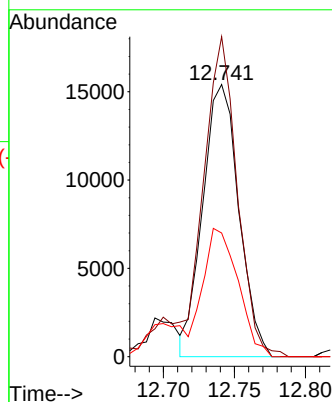
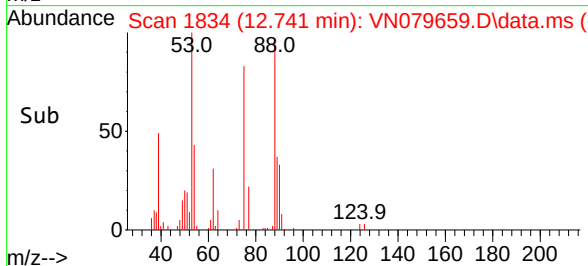
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 75 Resp: 27219
Ion Ratio Lower Upper
75 100
53 121.1 67.4 101.2
89 45.7 38.8 58.2

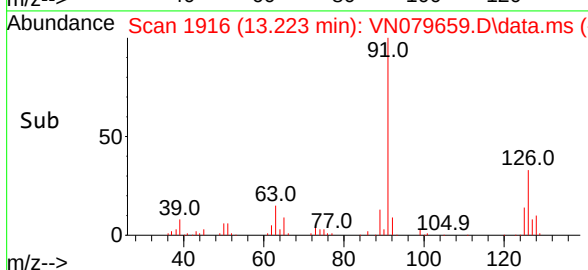
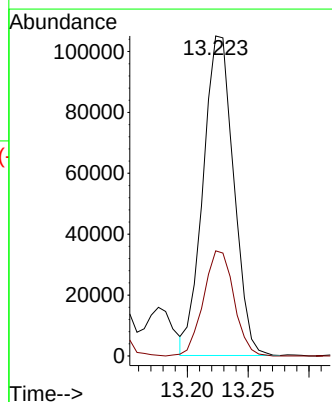
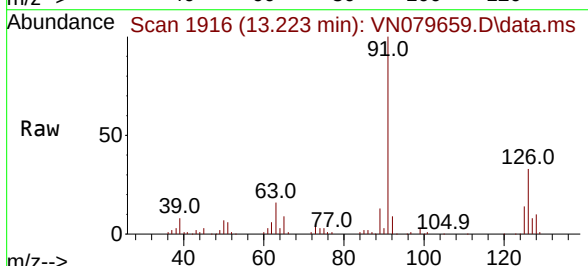
Manual Integrations
APPROVED

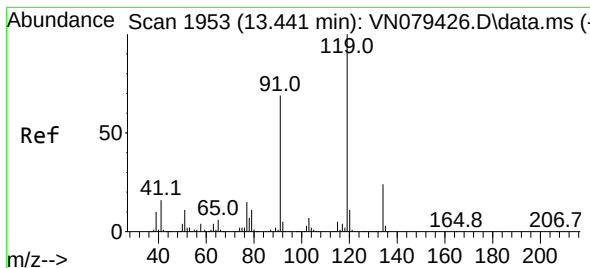
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#82
4-Chlorotoluene
Concen: 19.718 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

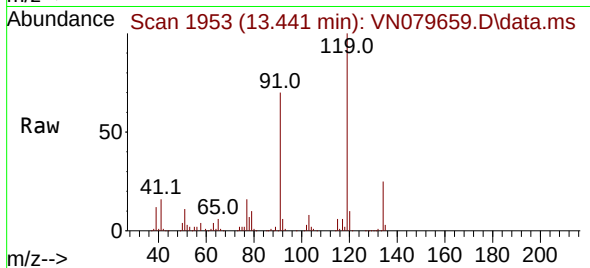
Tgt Ion: 91 Resp: 183646
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 19.220 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VN079659.D
 Acq: 24 Oct 2023 16:02

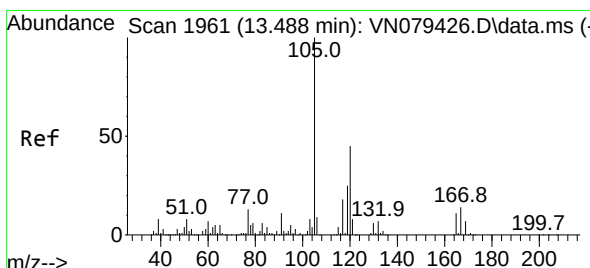
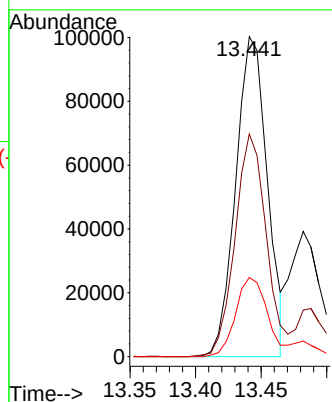
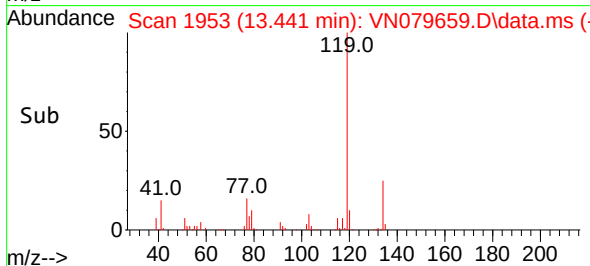
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01



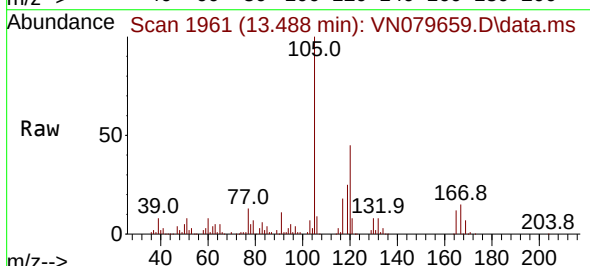
Tgt Ion:119 Resp: 167870
 Ion Ratio Lower Upper
 119 100
 91 69.2 33.9 101.7
 134 25.1 13.2 39.6

Manual Integrations
 APPROVED

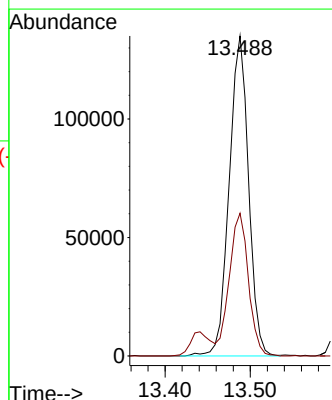
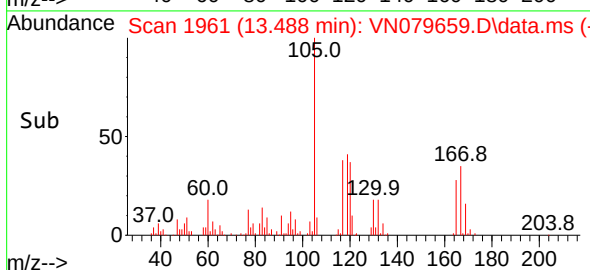
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

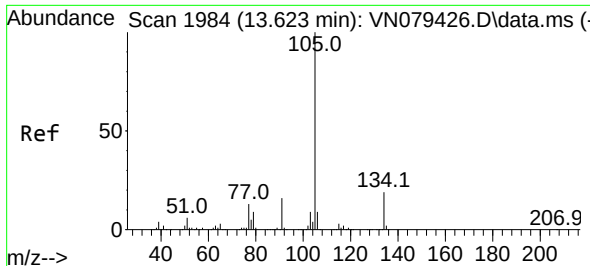


#84
 1,2,4-Trimethylbenzene
 Concen: 21.024 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN079659.D
 Acq: 24 Oct 2023 16:02



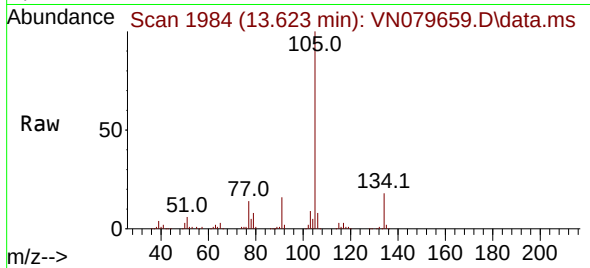
Tgt Ion:105 Resp: 213886
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.405 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079659.D
 Acq: 24 Oct 2023 16:02

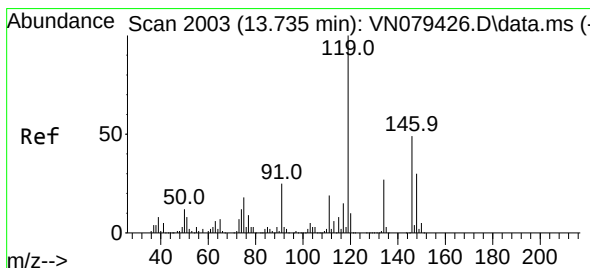
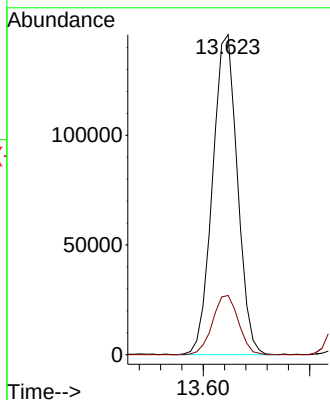
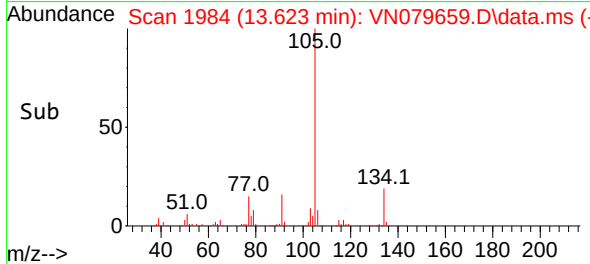
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01



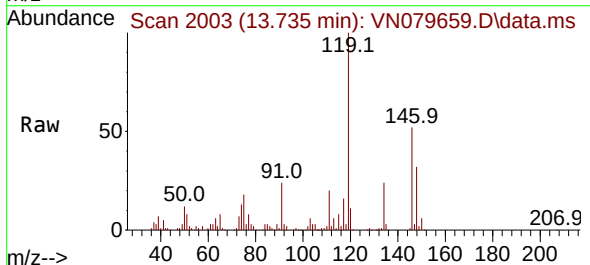
Tgt Ion:105 Resp: 236400
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
 APPROVED

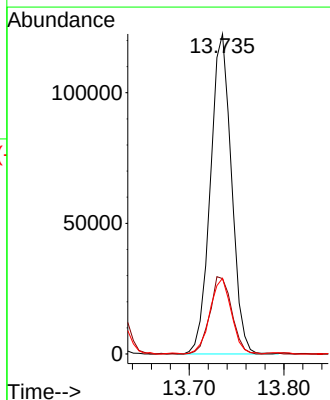
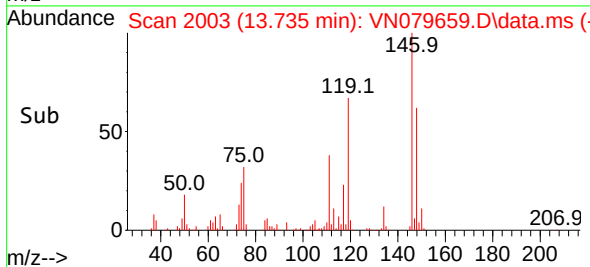
Reviewed By :John Carlone 10/25/2023
 Supervised By :Mahesh Dadoda 10/25/2023

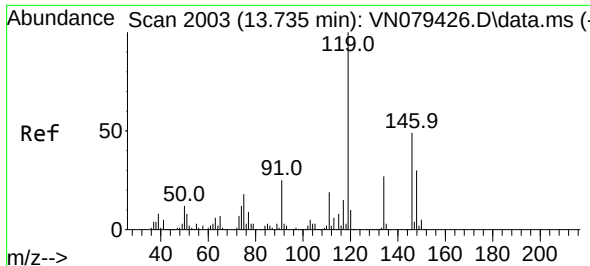


#86
 p-Isopropyltoluene
 Concen: 20.209 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079659.D
 Acq: 24 Oct 2023 16:02



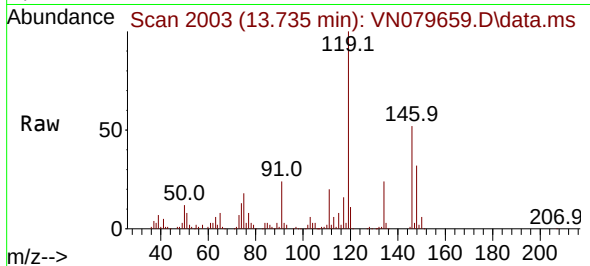
Tgt Ion:119 Resp: 188874
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.500 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

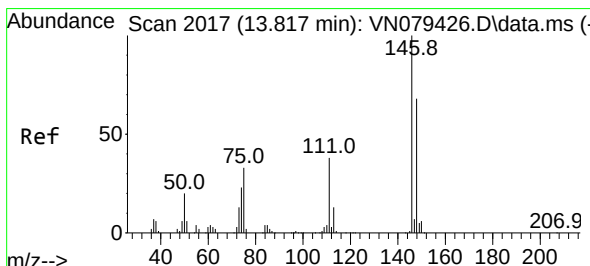
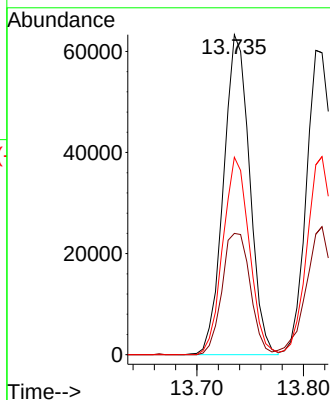
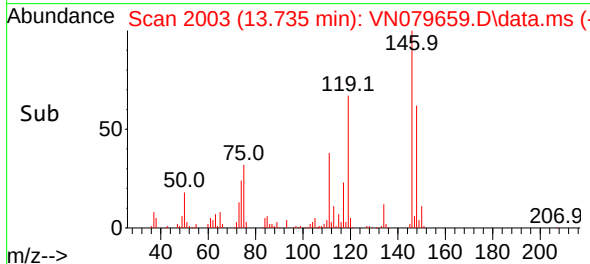
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



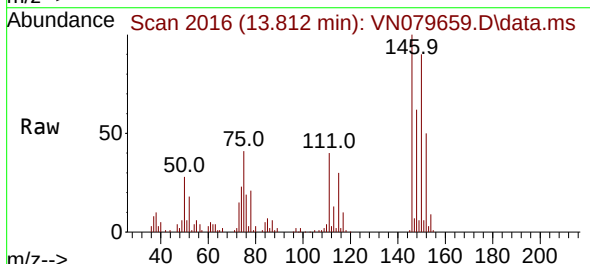
Tgt Ion:146 Resp: 107778
Ion Ratio Lower Upper
146 100
111 40.9 22.1 66.3
148 62.4 32.0 96.0

Manual Integrations
APPROVED

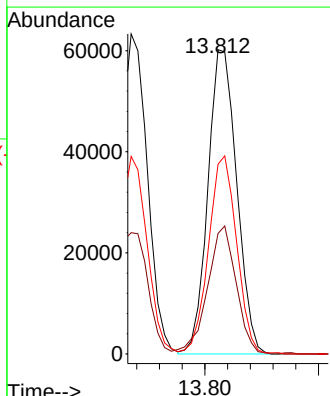
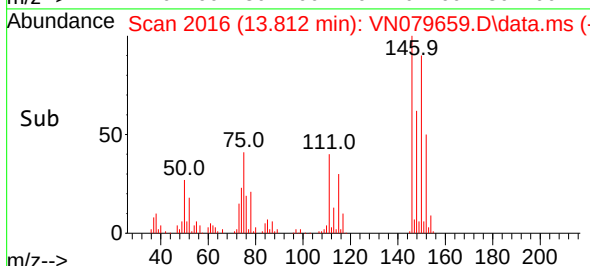
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

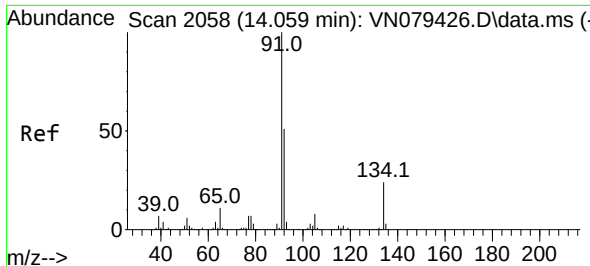


#88
1,4-Dichlorobenzene
Concen: 19.573 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



Tgt Ion:146 Resp: 106259
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 63.6 31.6 94.8





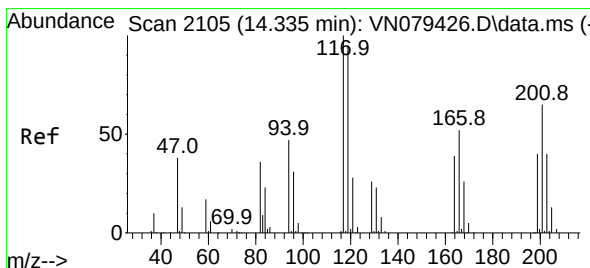
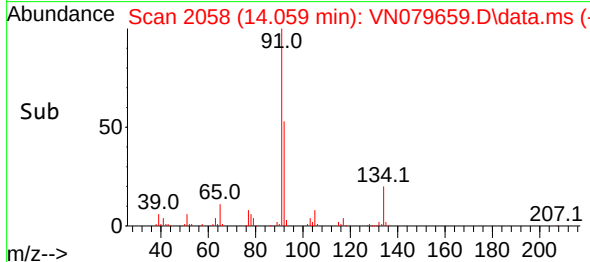
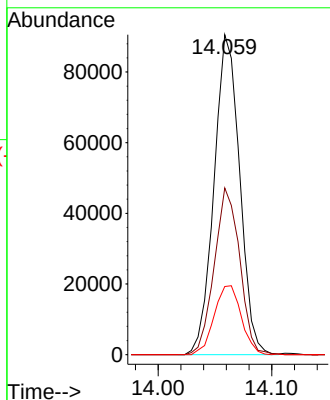
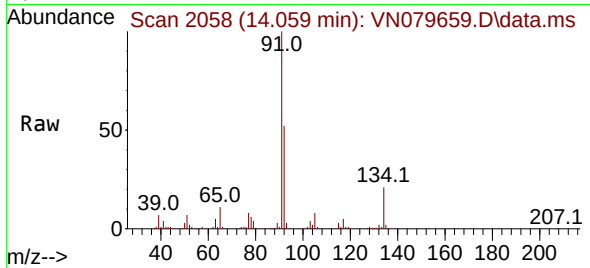
#89
n-Butylbenzene
Concen: 19.040 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 91 Resp: 14210
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 22.9 12.6 37.6

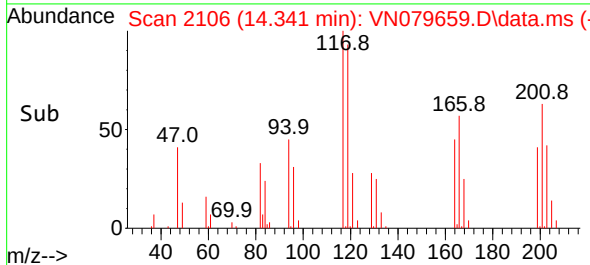
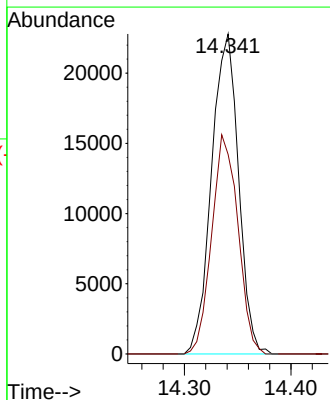
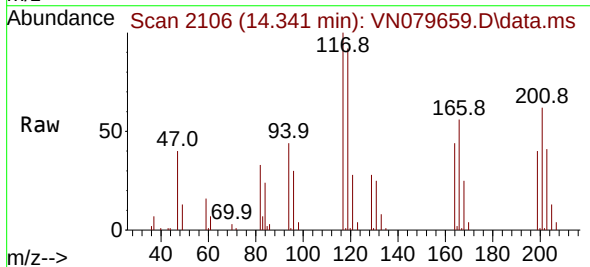
Manual Integrations
APPROVED

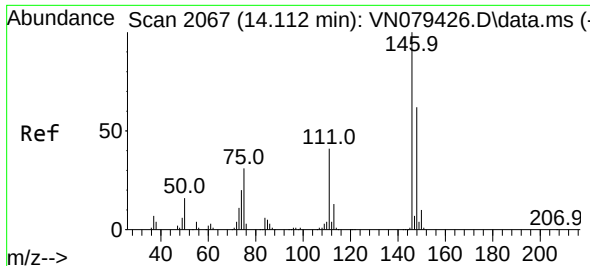
Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#90
Hexachloroethane
Concen: 20.477 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

Tgt Ion:117 Resp: 40023
Ion Ratio Lower Upper
117 100
201 66.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 20.725 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion:146 Resp: 106284

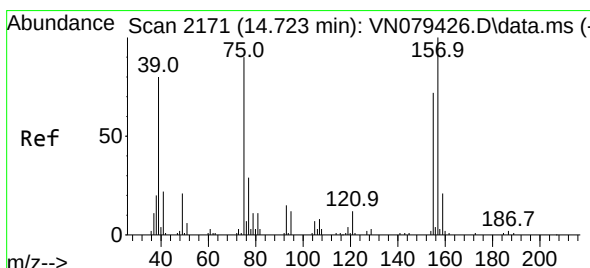
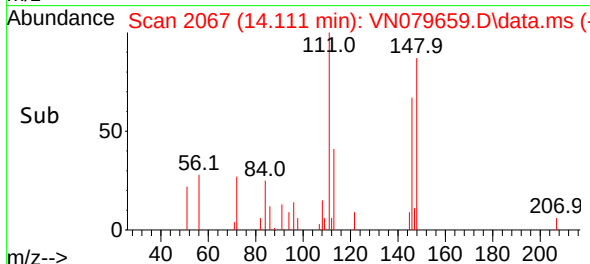
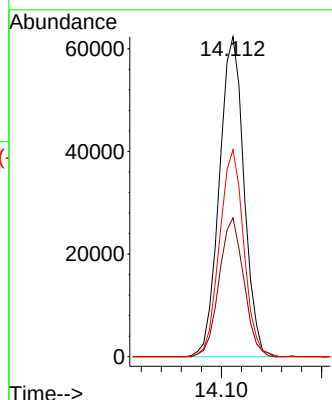
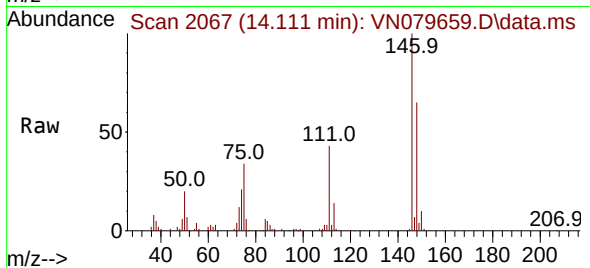
Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.0	66.0
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.738 ug/l

RT: 14.723 min Scan# 2171

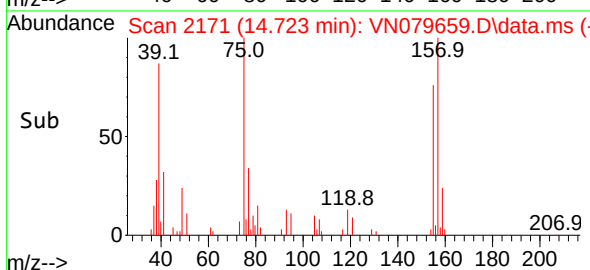
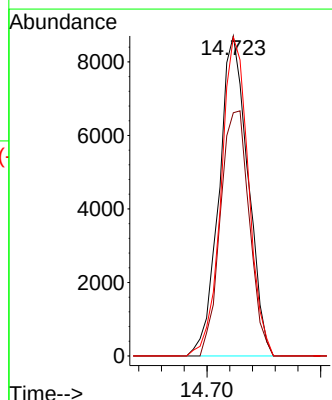
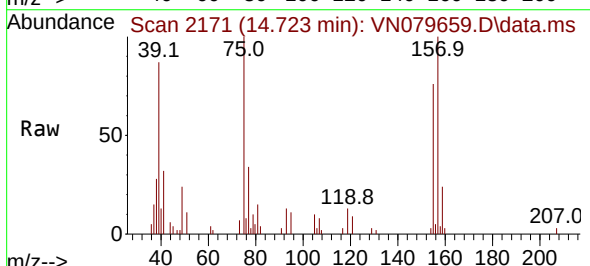
Delta R.T. -0.000 min

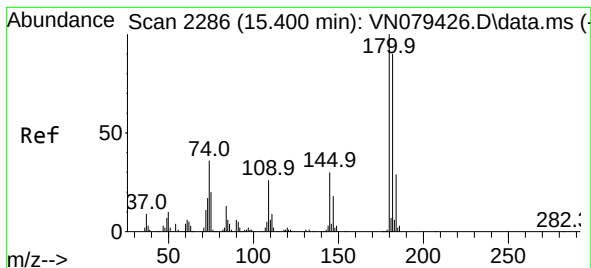
Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Tgt Ion: 75 Resp: 15430

Ion	Ratio	Lower	Upper
75	100		
155	76.5	39.1	117.2
157	93.7	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.363 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

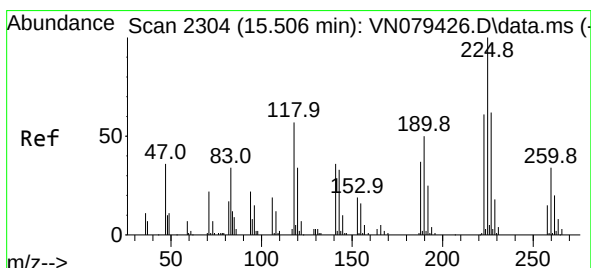
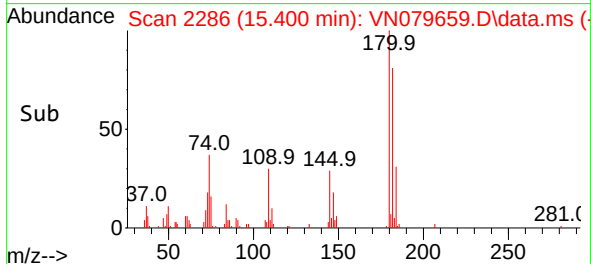
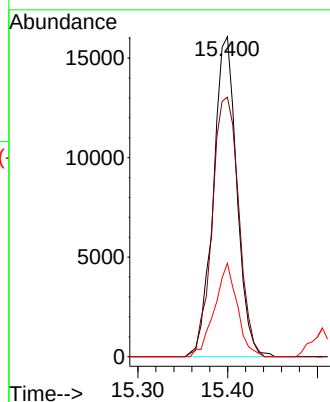
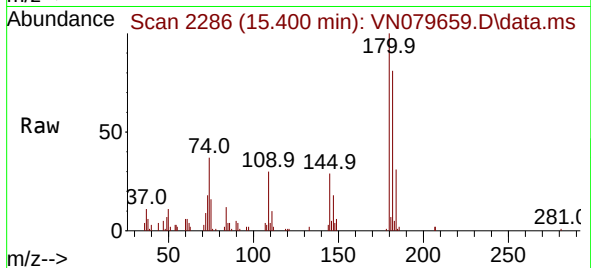
Tgt Ion:	180	Resp:	2916
Ion Ratio	Lower	Upper	
180	100		
182	91.5	46.1	138.2
145	28.3	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#94

Hexachlorobutadiene

Concen: 20.204 ug/l

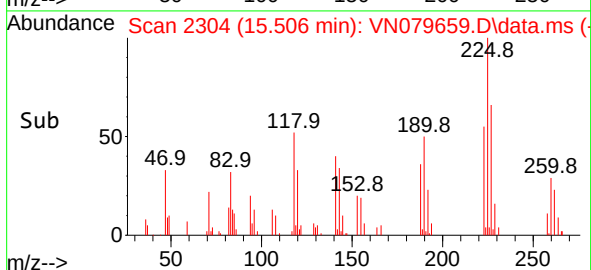
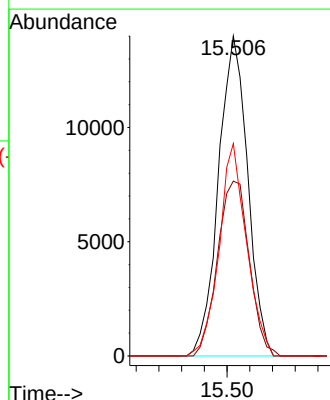
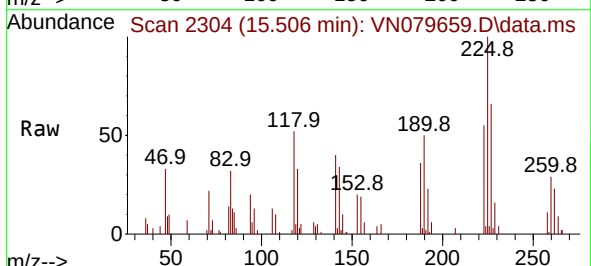
RT: 15.506 min Scan# 2304

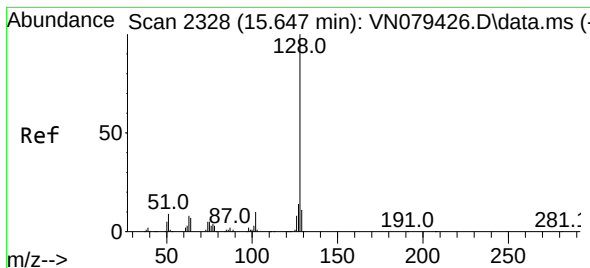
Delta R.T. -0.000 min

Lab File: VN079659.D

Acq: 24 Oct 2023 16:02

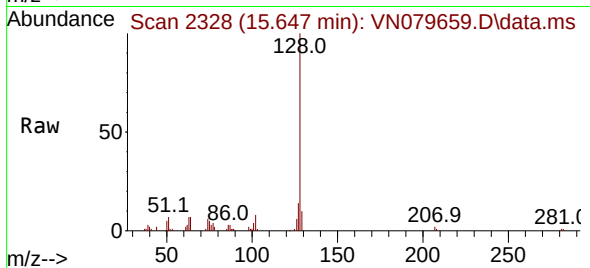
Tgt Ion:	225	Resp:	24993
Ion Ratio	Lower	Upper	
225	100		
223	59.4	31.3	93.8
227	62.4	31.9	95.9





#95
Naphthalene
Concen: 15.624 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02

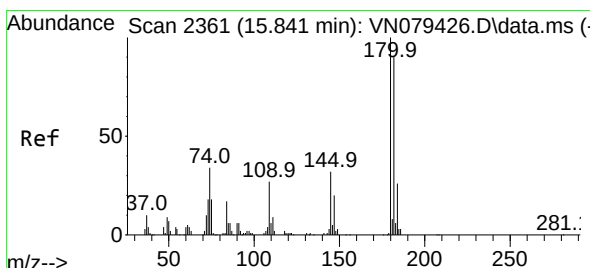
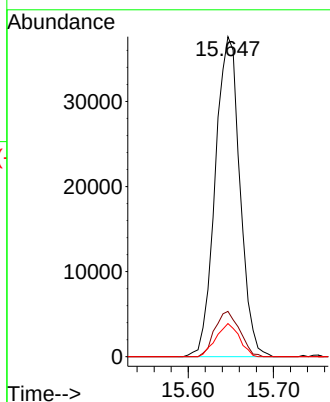
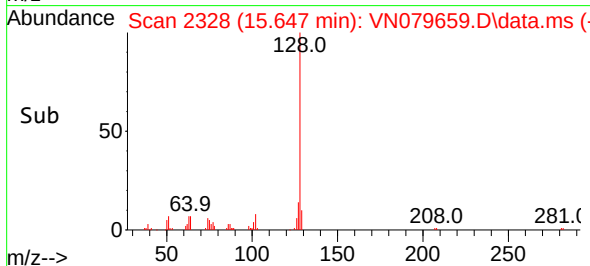
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



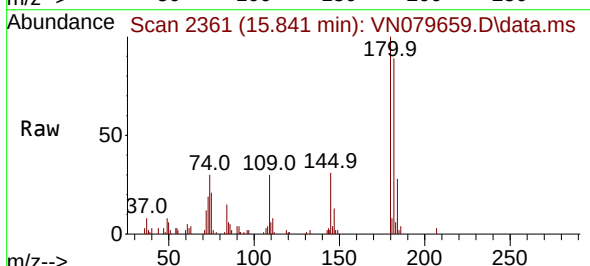
Tgt Ion:128 Resp: 7578
Ion Ratio Lower Upper
128 100
127 14.3 10.0 15.0
129 9.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.896 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079659.D
Acq: 24 Oct 2023 16:02



Tgt Ion:180 Resp: 32026
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 34.3 17.5 52.6

