

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079911.D
 Acq On : 04 Nov 2023 22:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 04:21:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	307865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	533196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	493805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255820	54.541	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.080%	
35) Dibromofluoromethane	8.165	113	196860	52.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	10.571	98	727941	52.398	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.853	95	265328	57.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	190048	51.249	ug/l	100
3) Chloromethane	2.359	50	219073	47.360	ug/l	99
4) Vinyl Chloride	2.512	62	254303	52.389	ug/l	98
5) Bromomethane	2.948	94	142776	48.409	ug/l	99
6) Chloroethane	3.118	64	183380	47.811	ug/l	96
7) Trichlorofluoromethane	3.495	101	306626	50.787	ug/l	99
8) Diethyl Ether	3.959	74	121095	52.855	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	175393	50.113	ug/l	98
10) Methyl Iodide	4.595	142	210876	52.761	ug/l	98
11) Tert butyl alcohol	5.524	59	140640	234.889	ug/l	99
12) 1,1-Dichloroethene	4.336	96	167177	50.448	ug/l #	82
13) Acrolein	4.177	56	138396	310.105	ug/l	97
14) Allyl chloride	5.024	41	278025	54.777	ug/l #	90
15) Acrylonitrile	5.718	53	519900	278.629	ug/l	99
16) Acetone	4.424	43	409744	248.698	ug/l	91
17) Carbon Disulfide	4.712	76	445881	46.647	ug/l	100
18) Methyl Acetate	5.024	43	438119	55.582	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	641089	56.191	ug/l	92
20) Methylene Chloride	5.277	84	210290	50.584	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	189712	51.331	ug/l #	77
22) Diisopropyl ether	6.677	45	695777	59.154	ug/l #	88
23) Vinyl Acetate	6.606	43	1746954	269.259	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	399770	55.919	ug/l	96
25) 2-Butanone	7.488	43	676850	280.546	ug/l #	80
26) 2,2-Dichloropropane	7.488	77	266313	45.042	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	232159	52.514	ug/l	87
28) Bromochloromethane	7.818	49	191383	54.932	ug/l #	75
29) Tetrahydrofuran	7.841	42	459498	292.734	ug/l #	75
30) Chloroform	7.965	83	410551	52.868	ug/l	91
31) Cyclohexane	8.265	56	311786	50.305	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	346741	54.800	ug/l	95
36) 1,1-Dichloropropene	8.377	75	290853	53.979	ug/l	95
37) Ethyl Acetate	7.559	43	289152	58.513	ug/l #	91
38) Carbon Tetrachloride	8.365	117	292678	53.896	ug/l	96
39) Methylcyclohexane	9.606	83	278019	54.827	ug/l #	88
40) Benzene	8.612	78	870128	53.916	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	158020	60.218	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	326482	57.914	ug/l	97
43) Isopropyl Acetate	8.688	43	481193	55.525	ug/l #	91
44) Trichloroethene	9.353	130	211347	52.775	ug/l	97
45) 1,2-Dichloropropane	9.624	63	238093	57.729	ug/l	94
46) Dibromomethane	9.712	93	154959	55.025	ug/l	96
47) Bromodichloromethane	9.888	83	323788	53.911	ug/l	99
48) Methyl methacrylate	9.682	41	235215	61.965	ug/l #	81
49) 1,4-Dioxane	9.694	88	72328	1078.339	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1481049	303.555	ug/l	90
52) Toluene	10.635	92	536119	56.034	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	331804	56.355	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	357509	55.708	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	216964	56.379	ug/l	97
56) Ethyl methacrylate	10.876	69	332936	60.653	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	386691	57.007	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	769853	276.715	ug/l	89
59) 2-Hexanone	11.200	43	1067855	286.101	ug/l	88
60) Dibromochloromethane	11.365	129	227728	55.284	ug/l	99
61) 1,2-Dibromoethane	11.471	107	212909	55.122	ug/l	99
64) Tetrachloroethene	11.106	164	195483	61.124	ug/l	99
65) Chlorobenzene	11.894	112	565814	52.823	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	211410	54.780	ug/l	96
67) Ethyl Benzene	11.965	91	1014868	54.381	ug/l	96
68) m/p-Xylenes	12.076	106	759102	109.192	ug/l	92
69) o-Xylene	12.400	106	372697	55.673	ug/l	90
70) Styrene	12.412	104	626071	58.193	ug/l	97
71) Bromoform	12.582	173	151400	55.247	ug/l #	100
73) Isopropylbenzene	12.700	105	940913	54.507	ug/l	99
74) N-amyl acetate	12.500	43	394055	52.298	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	306901	50.144	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	395900	74.140	ug/l	72
77) Bromobenzene	12.982	156	223180	52.808	ug/l	93
78) n-propylbenzene	13.041	91	1112698	56.288	ug/l	97
79) 2-Chlorotoluene	13.129	91	686034	54.325	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	769003	57.258	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	92598	47.180	ug/l #	86
82) 4-Chlorotoluene	13.223	91	694385	55.335	ug/l	97
83) tert-Butylbenzene	13.441	119	627061	57.039	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	781665	59.155	ug/l	99
85) sec-Butylbenzene	13.617	105	884340	58.061	ug/l	100
86) p-Isopropyltoluene	13.735	119	729664	58.758	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	408280	51.931	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	402509	50.439	ug/l	99
89) n-Butylbenzene	14.059	91	625199	58.454	ug/l	99
90) Hexachloroethane	14.335	117	131207	53.351	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	395145	53.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58085	55.963	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	197893	56.077	ug/l	97
94) Hexachlorobutadiene	15.506	225	87944	54.973	ug/l	99
95) Naphthalene	15.647	128	657867	54.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	191765	55.436	ug/l	97

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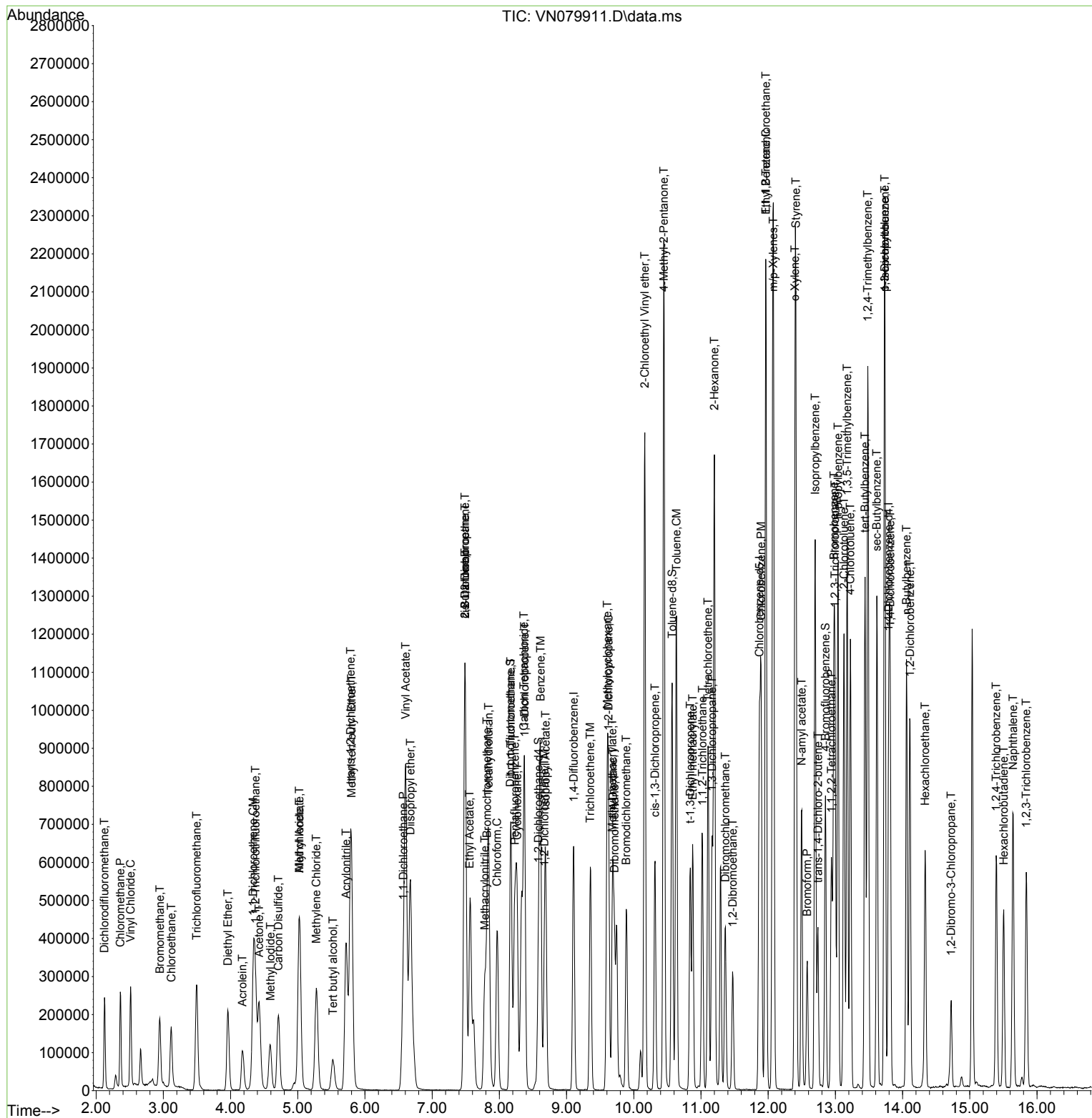
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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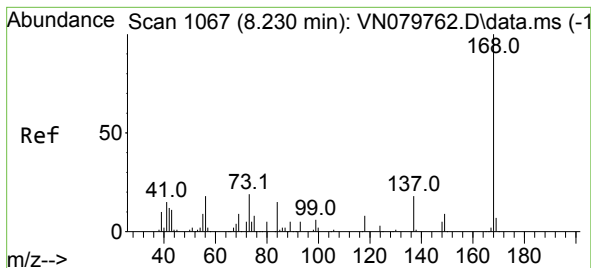
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN079911.D

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Instrument :

MSVOA_N

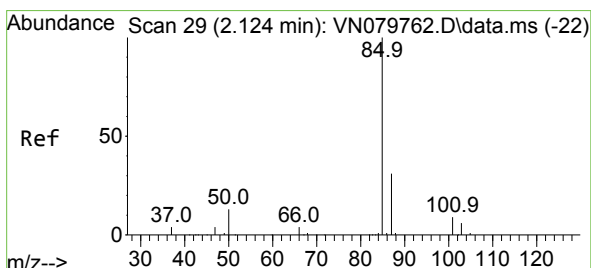
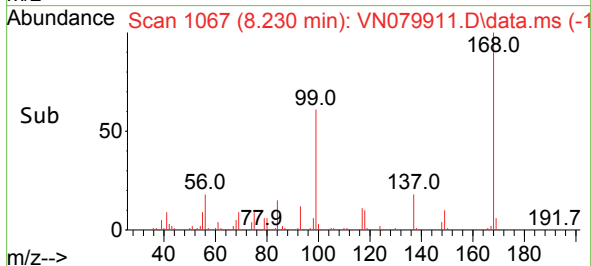
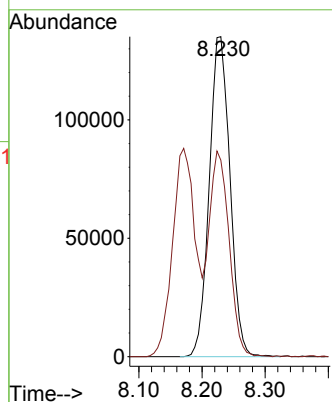
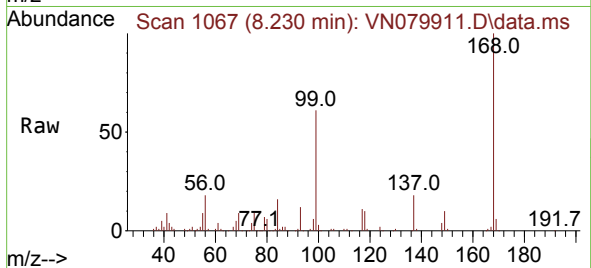
ClientSampleId :

Tgt Ion:168 Resp: 307865

Ion Ratio Lower Upper

168 100

99 61.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 51.249 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079911.D

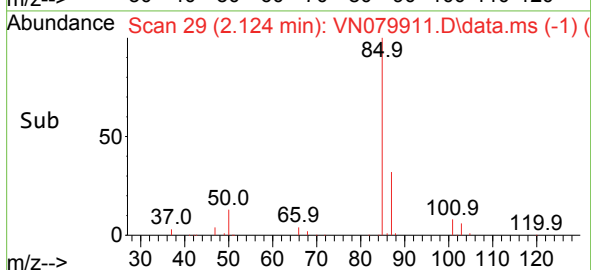
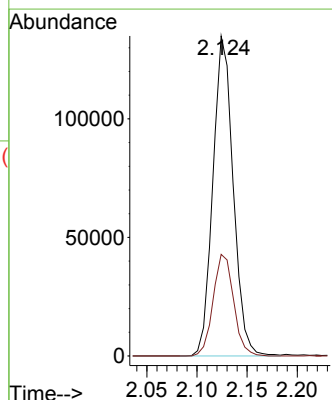
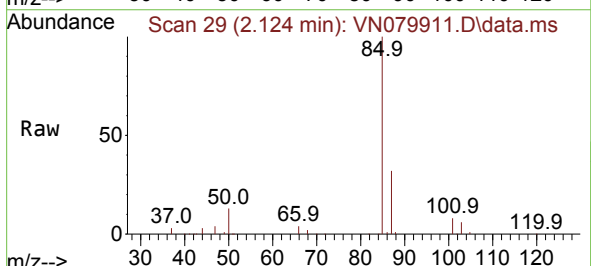
Acq: 04 Nov 2023 22:51

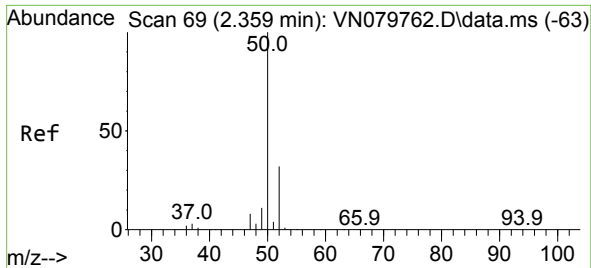
Tgt Ion: 85 Resp: 190048

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4

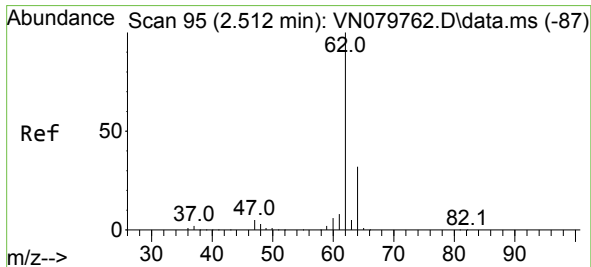
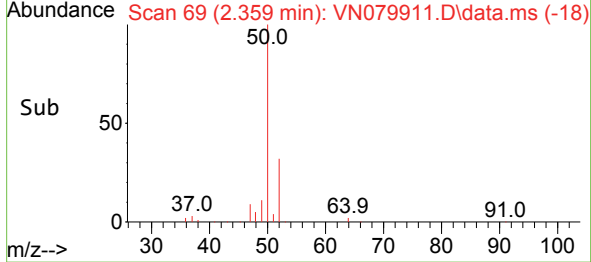
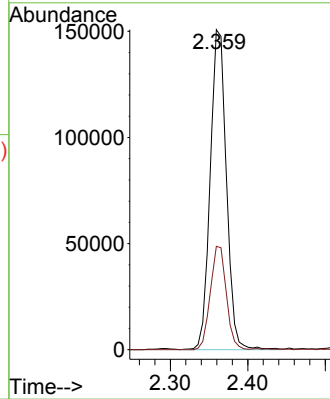
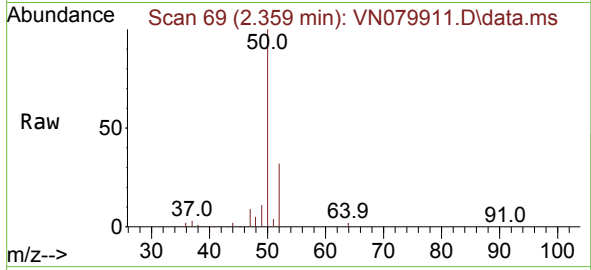




#3
Chloromethane
Concen: 47.360 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
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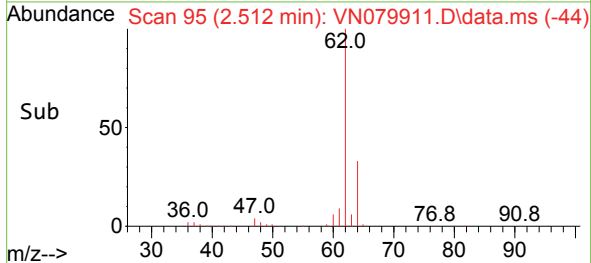
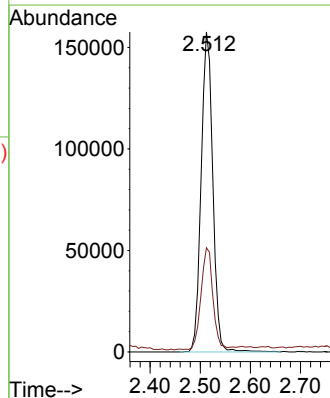
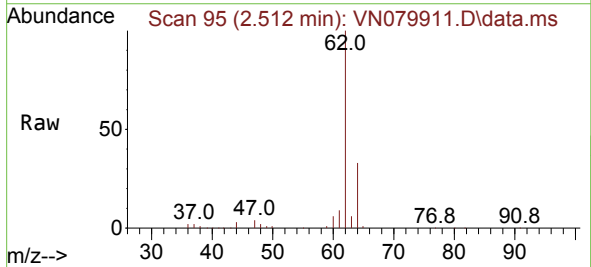
Instrument :
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ClientSampleId :

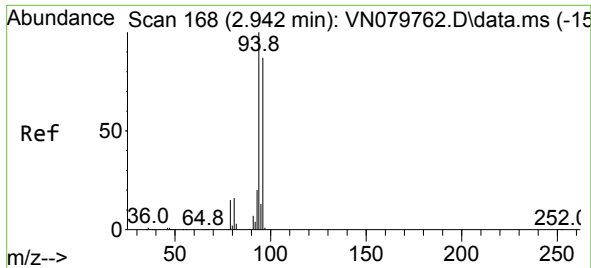
Tgt Ion: 50 Resp: 219073
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 52.389 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 62 Resp: 254303
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

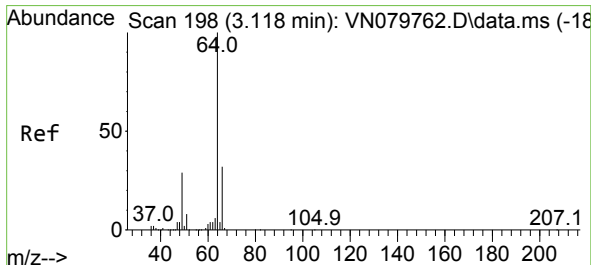
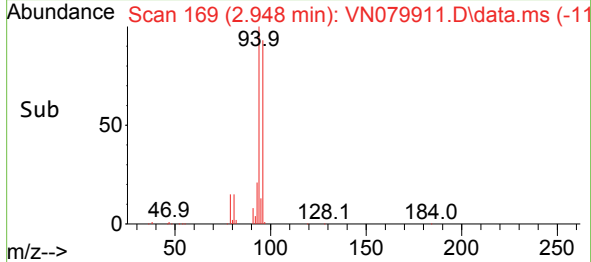
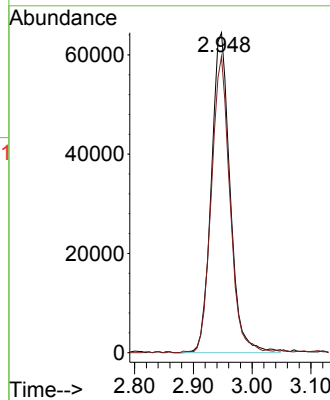
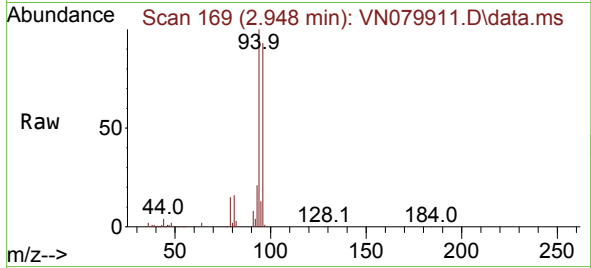




#5
Bromomethane
Concen: 48.409 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
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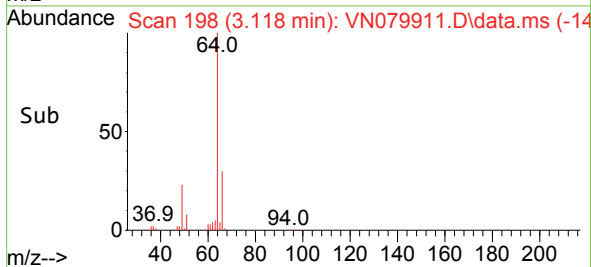
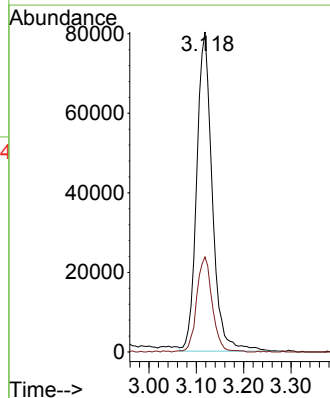
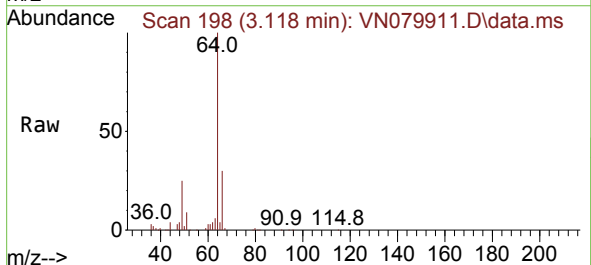
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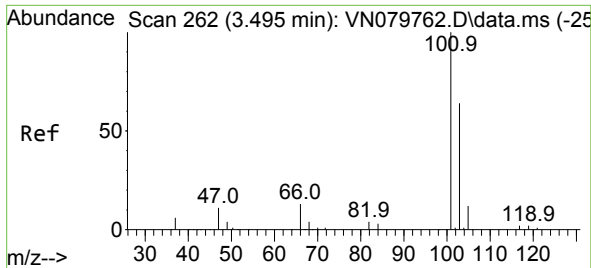
Tgt Ion: 94 Resp: 142776
Ion Ratio Lower Upper
94 100
96 92.6 73.1 109.7



#6
Chloroethane
Concen: 47.811 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 183380
Ion Ratio Lower Upper
64 100
66 29.8 25.4 38.2

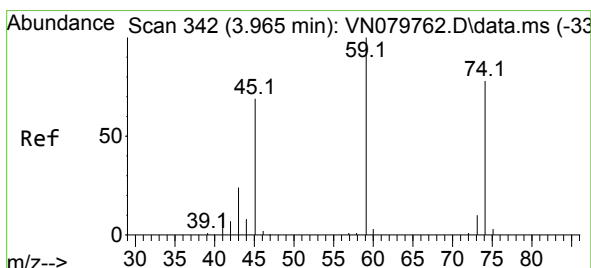
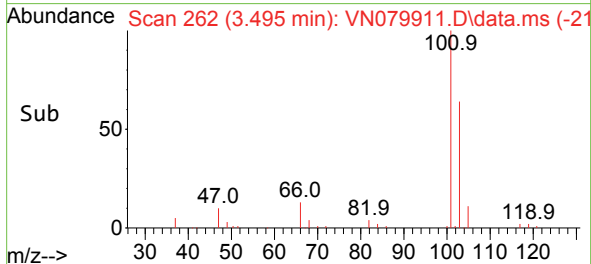
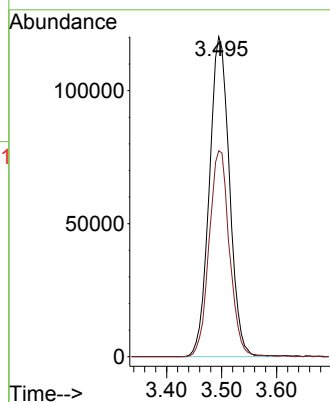
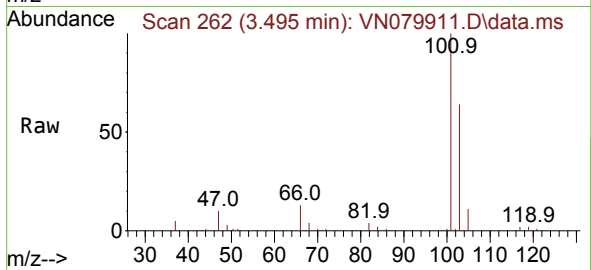




#7
 Trichlorofluoromethane
 Concen: 50.787 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079911.D
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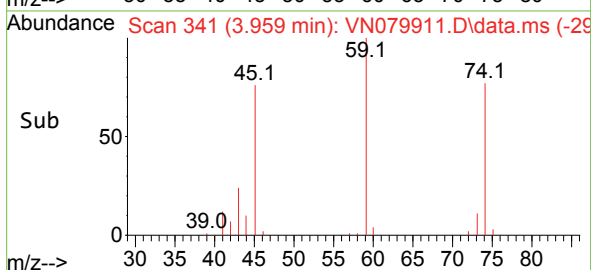
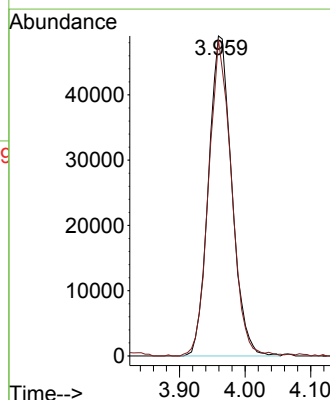
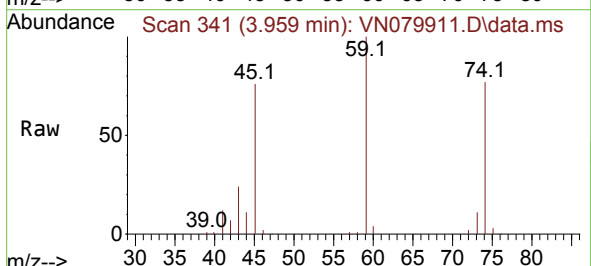
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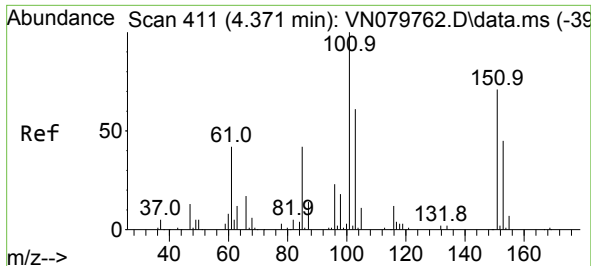
Tgt Ion:101 Resp: 306626
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 52.855 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 121095
 Ion Ratio Lower Upper
 74 100
 45 96.9 34.4 103.3

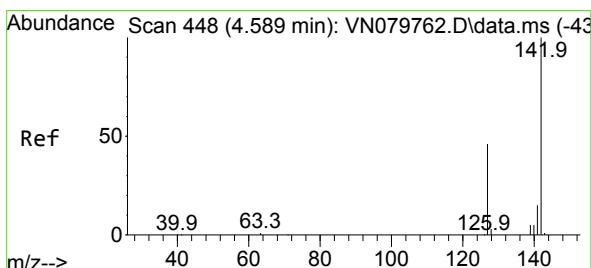
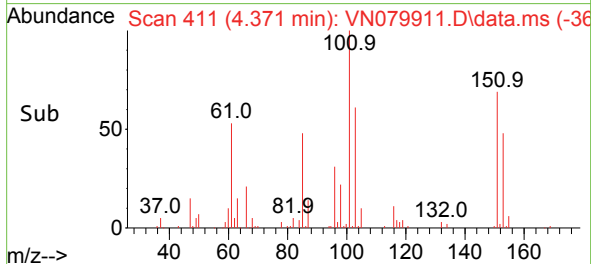
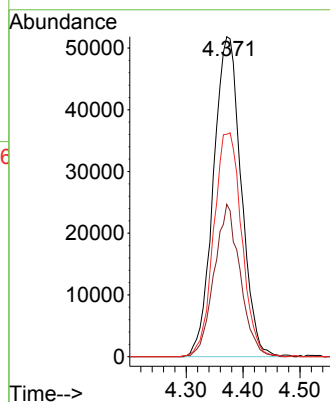
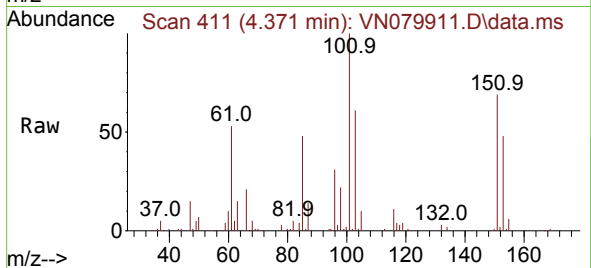




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.113 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

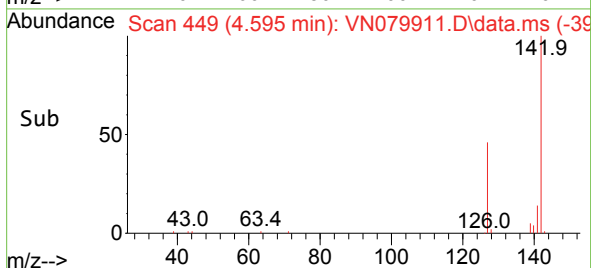
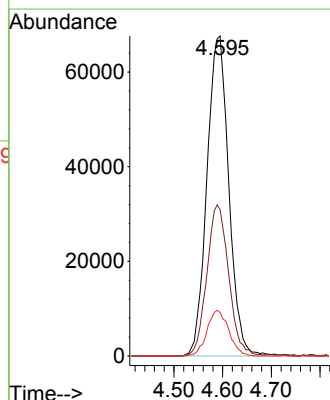
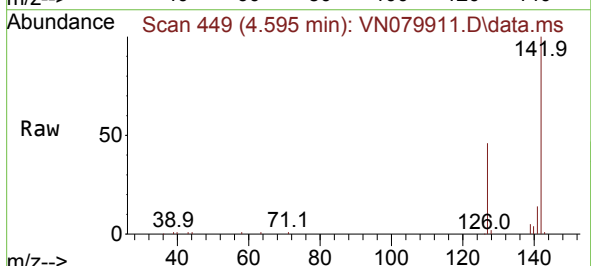
Instrument :
MSVOA_N
ClientSampleId :

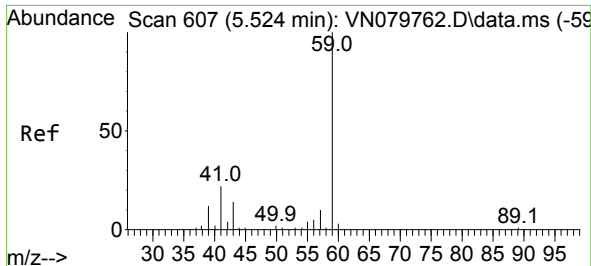
Tgt Ion:101 Resp: 175393
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 70.6 57.6 86.4



#10
Methyl Iodide
Concen: 52.761 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

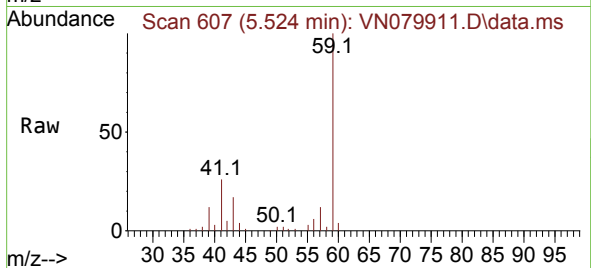
Tgt Ion:142 Resp: 210876
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 13.7 11.4 17.0



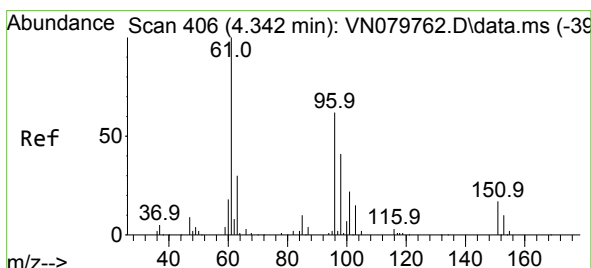
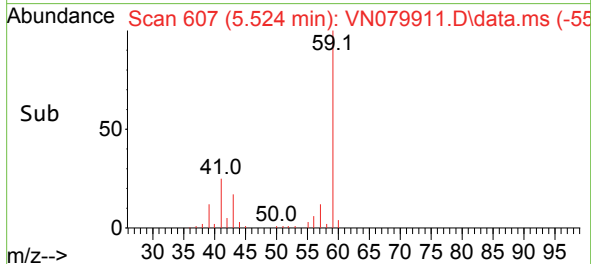
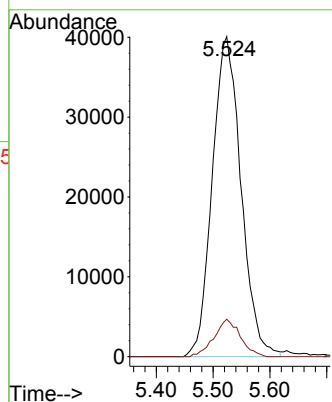


#11
Tert butyl alcohol
Concen: 234.889 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Instrument :
MSVOA_N
ClientSampleId :

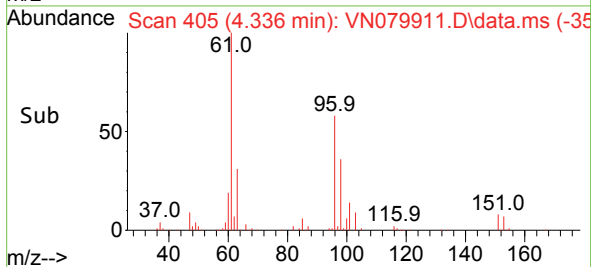
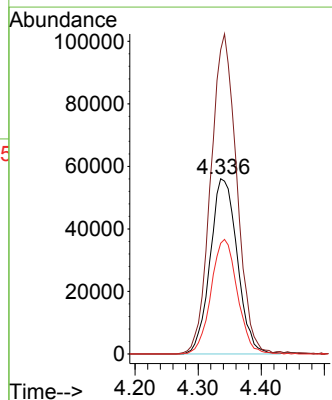
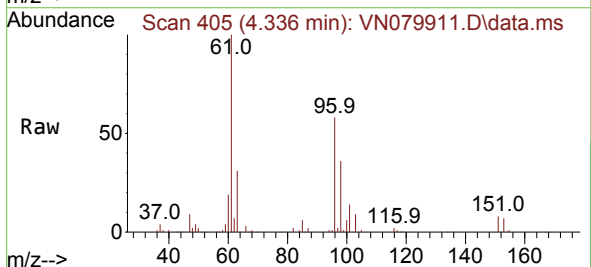


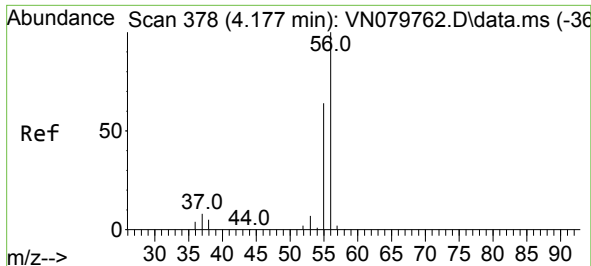
Tgt Ion: 59 Resp: 140640
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.448 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 96 Resp: 167177
Ion Ratio Lower Upper
96 100
61 173.2 112.7 169.1#
98 63.2 51.2 76.8

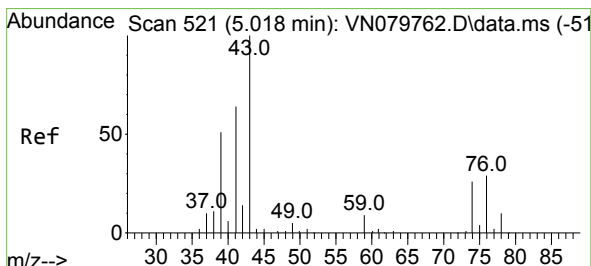
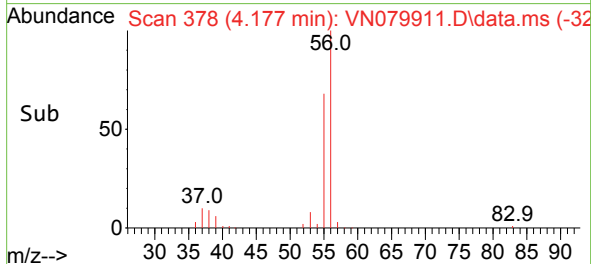
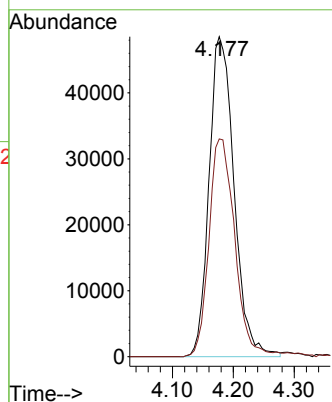
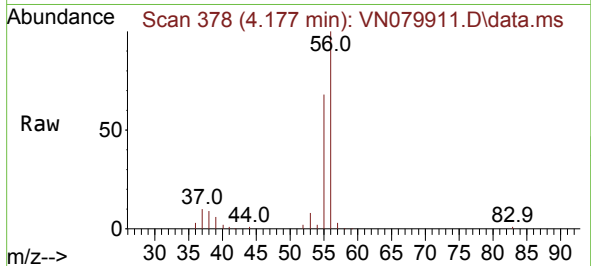




#13
Acrolein
Concen: 310.105 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

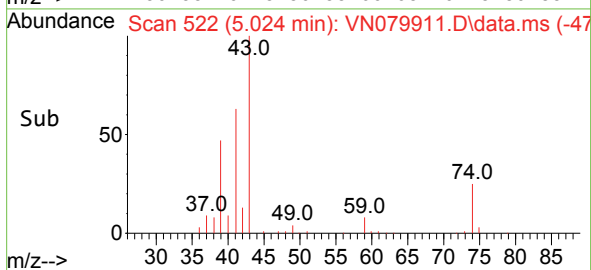
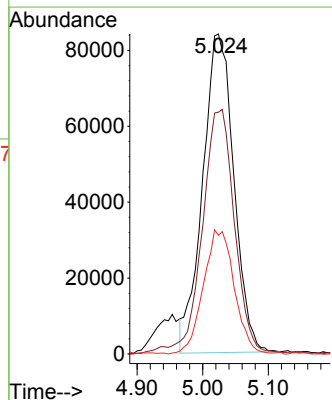
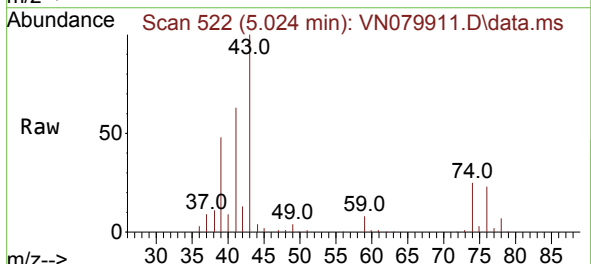
Instrument :
MSVOA_N
ClientSampleId :

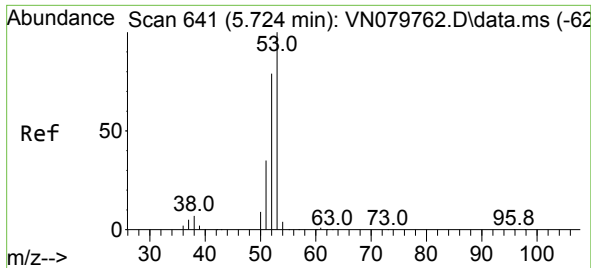
Tgt Ion: 56 Resp: 138396
Ion Ratio Lower Upper
56 100
55 70.3 54.5 81.7



#14
Allyl chloride
Concen: 54.777 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

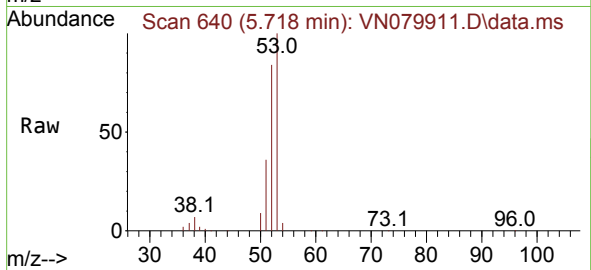
Tgt Ion: 41 Resp: 278025
Ion Ratio Lower Upper
41 100
39 79.5 58.8 88.2
76 38.5 39.1 58.7#



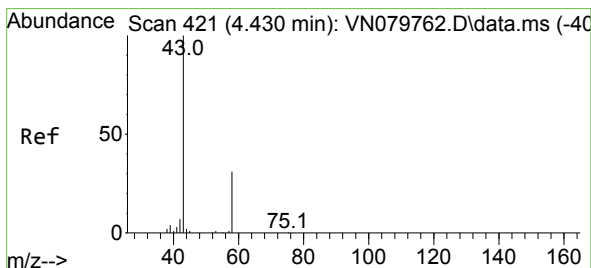
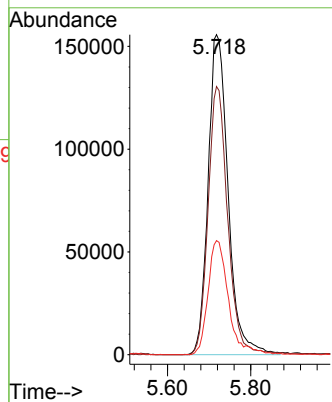
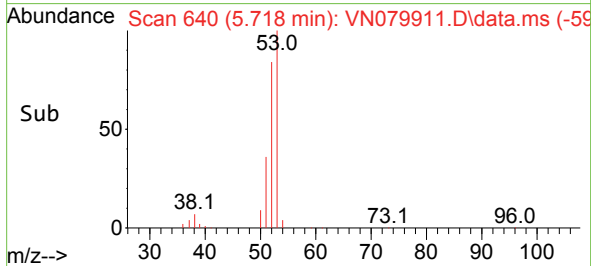


#15
Acrylonitrile
Concen: 278.629 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Instrument :
MSVOA_N
ClientSampleId :

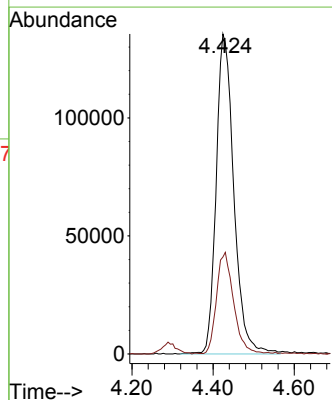
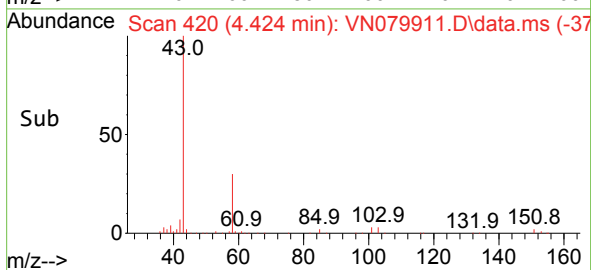
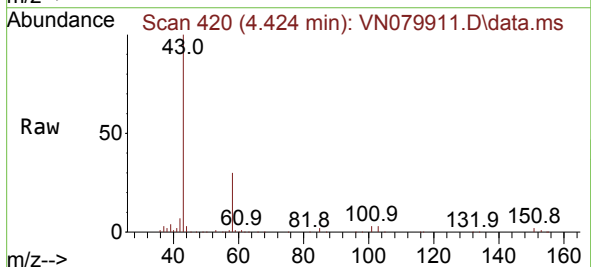


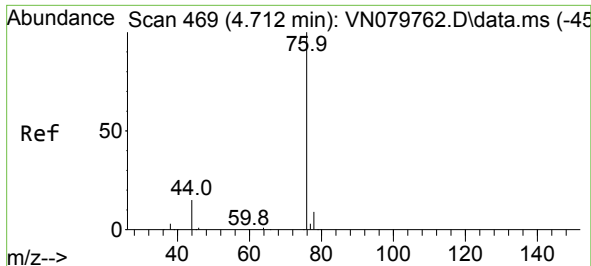
Tgt Ion: 53 Resp: 519900
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 248.698 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 43 Resp: 409744
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0

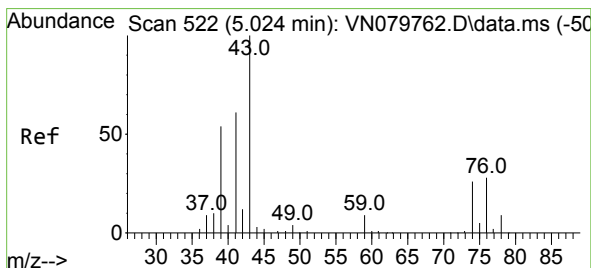
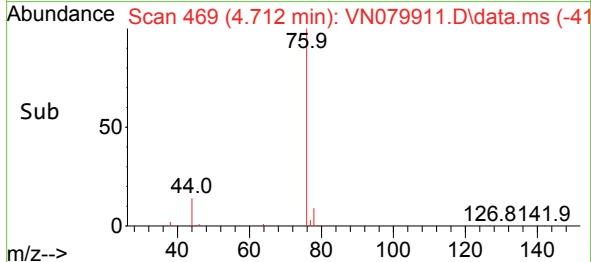
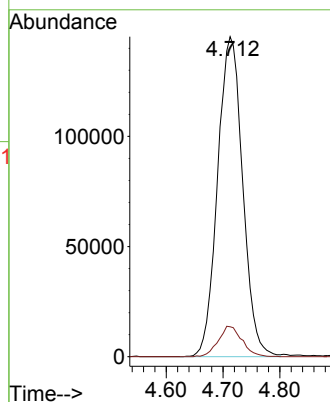
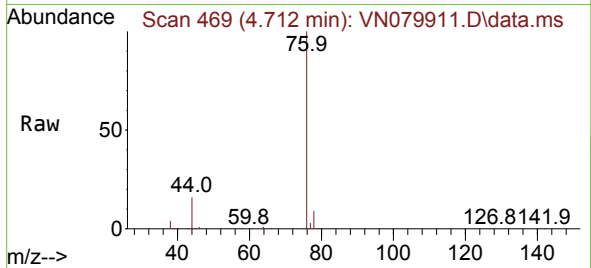




#17
Carbon Disulfide
Concen: 46.647 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

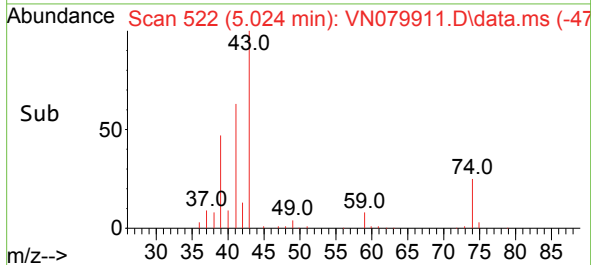
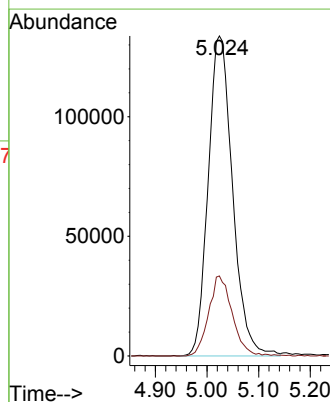
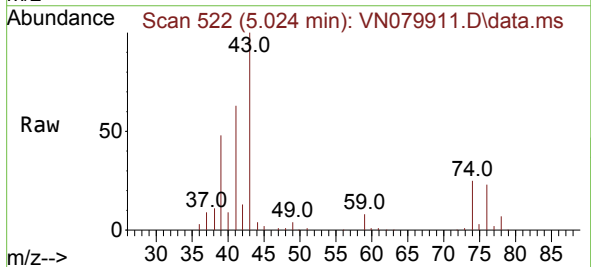
Instrument :
MSVOA_N
ClientSampleId :

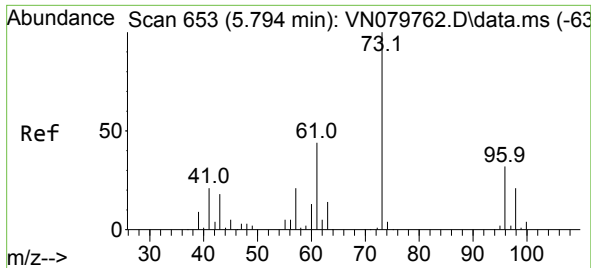
Tgt Ion: 76 Resp: 445881
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 55.582 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 43 Resp: 438119
Ion Ratio Lower Upper
43 100
74 24.3 26.2 39.4#

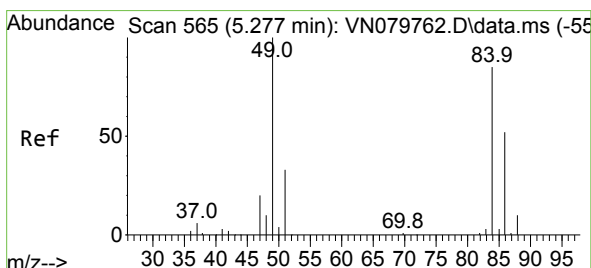
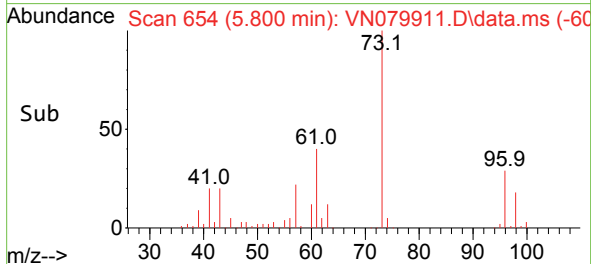
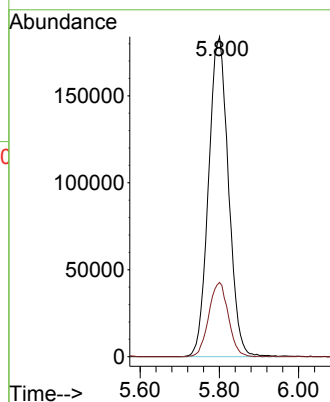
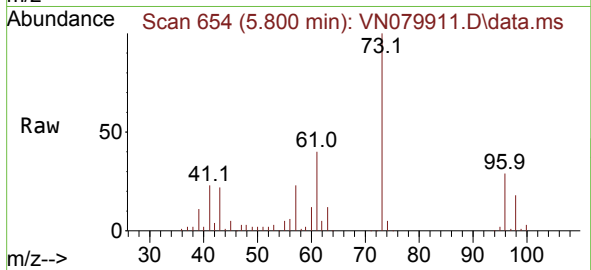




#19
Methyl tert-butyl Ether
Concen: 56.191 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

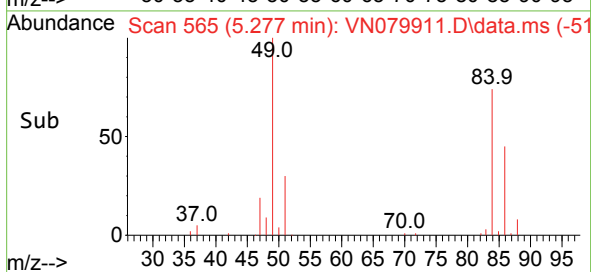
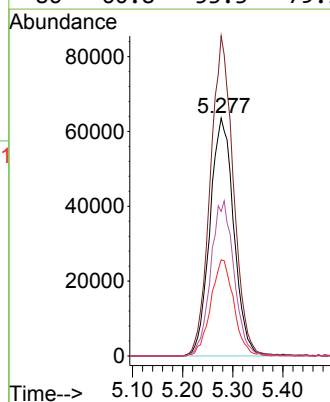
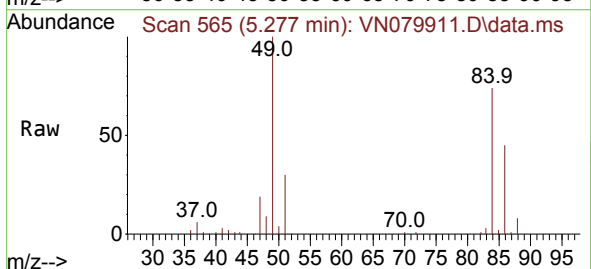
Instrument :
MSVOA_N
ClientSampleId :

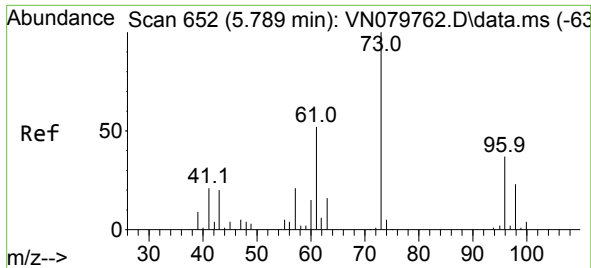
Tgt Ion: 73 Resp: 641089
Ion Ratio Lower Upper
73 100
57 23.2 15.6 23.4



#20
Methylene Chloride
Concen: 50.584 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 84 Resp: 210290
Ion Ratio Lower Upper
84 100
49 134.6 79.7 119.5#
51 40.4 25.2 37.8#
86 60.8 53.3 79.9

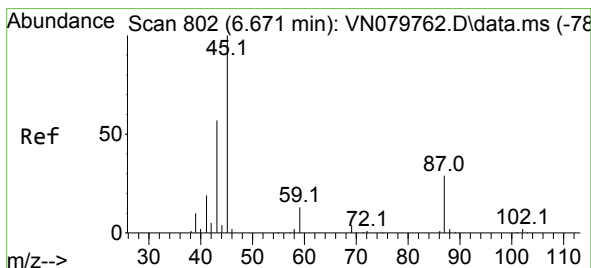
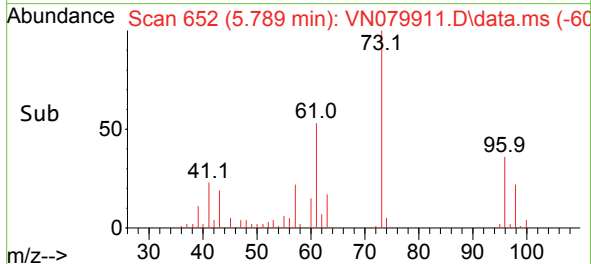
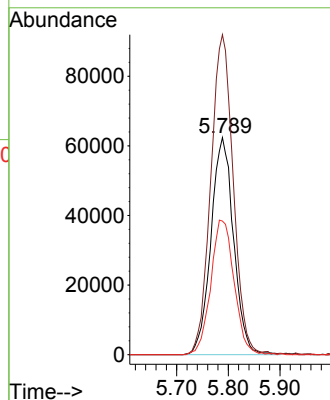
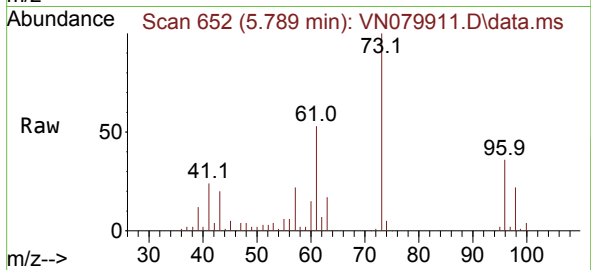




#21
trans-1,2-Dichloroethene
Concen: 51.331 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

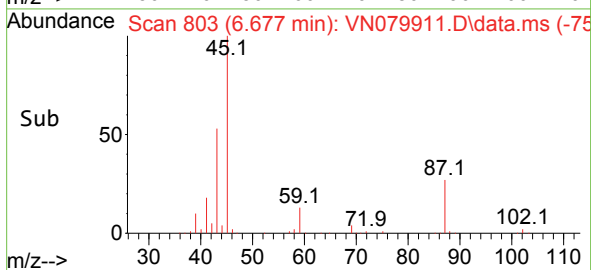
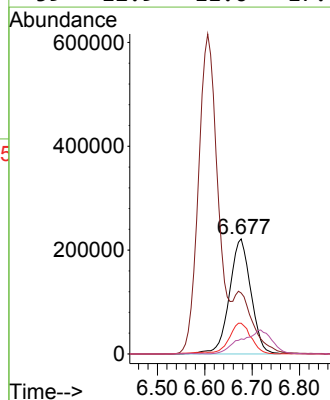
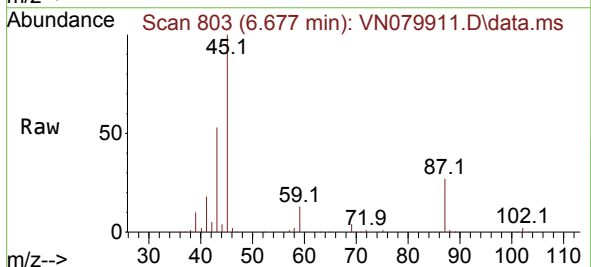
Instrument :
MSVOA_N
ClientSampleId :

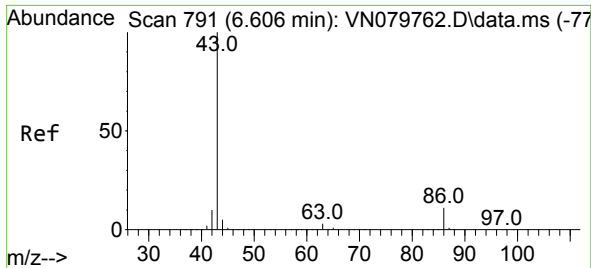
Tgt Ion: 96 Resp: 189712
Ion Ratio Lower Upper
96 100
61 147.4 90.1 135.1#
98 61.5 46.4 69.6



#22
Diisopropyl ether
Concen: 59.154 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 45 Resp: 695777
Ion Ratio Lower Upper
45 100
43 51.8 45.5 68.3
87 26.5 31.8 47.8#
59 12.9 11.6 17.4

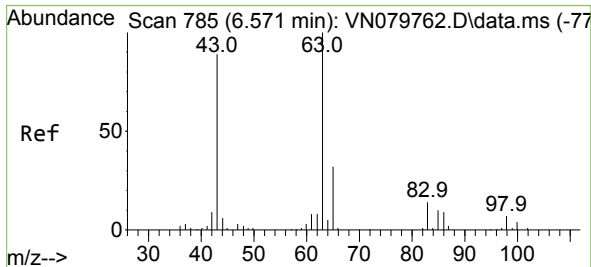
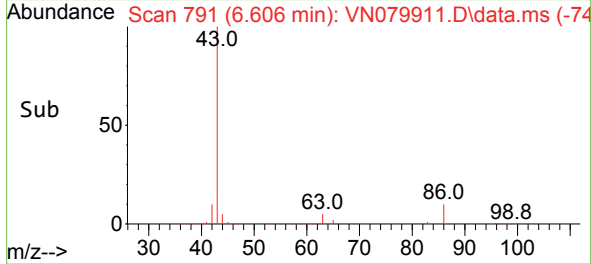
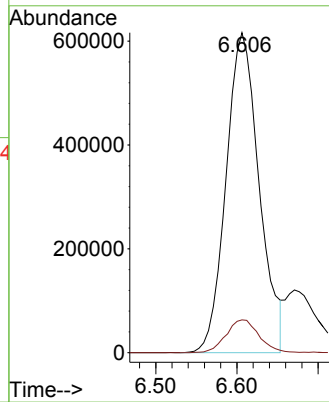
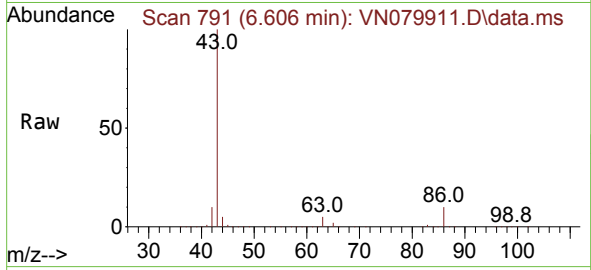




#23
 Vinyl Acetate
 Concen: 269.259 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079911.D
 Acq: 04 Nov 2023 22:51

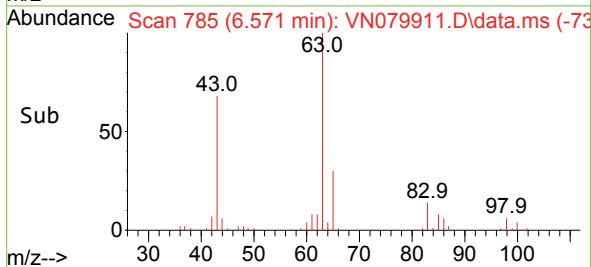
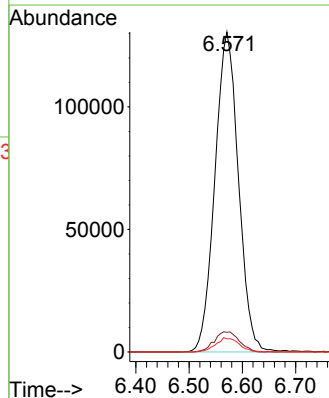
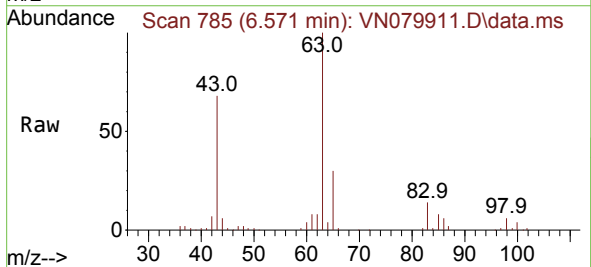
Instrument :
 MSVOA_N
 ClientSampleId :

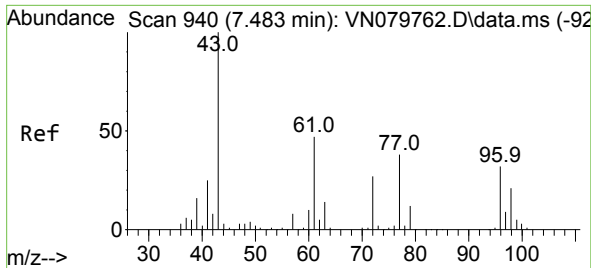
Tgt Ion: 43 Resp: 1746954
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 55.919 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079911.D
 Acq: 04 Nov 2023 22:51

Tgt Ion: 63 Resp: 399770
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.1 2.5 7.4

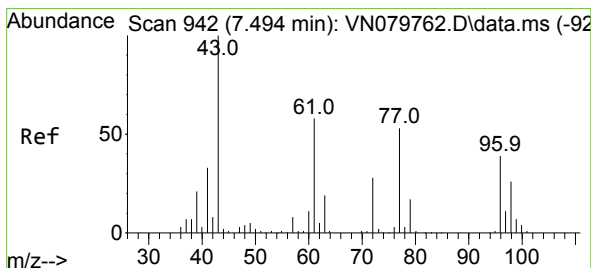
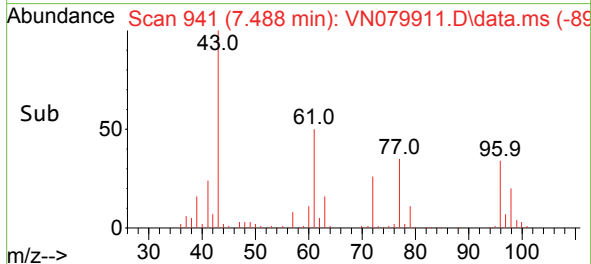
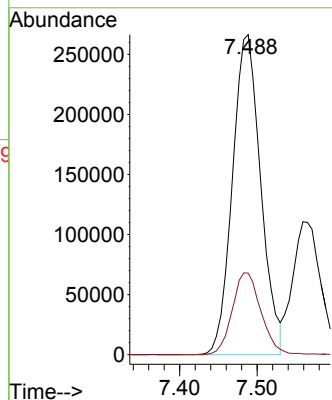
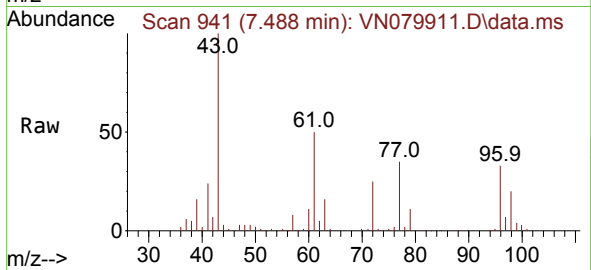




#25
2-Butanone
Concen: 280.546 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

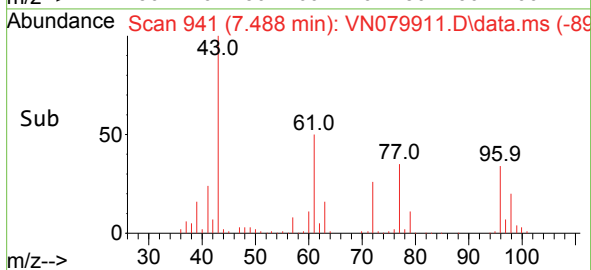
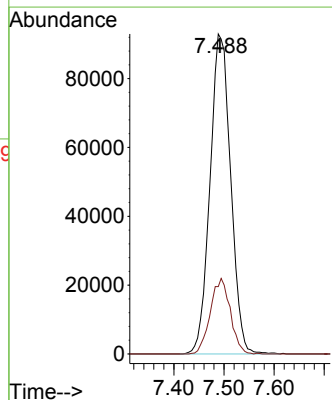
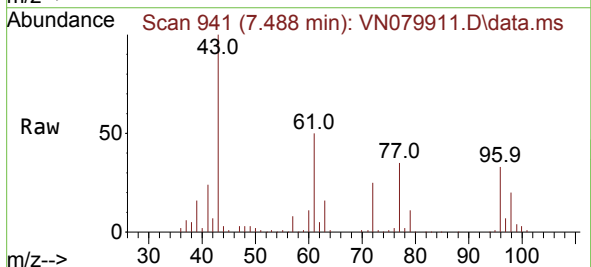
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 676850
Ion Ratio Lower Upper
43 100
72 25.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 45.042 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 77 Resp: 266313
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6

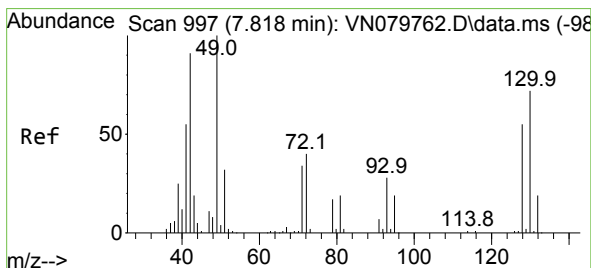
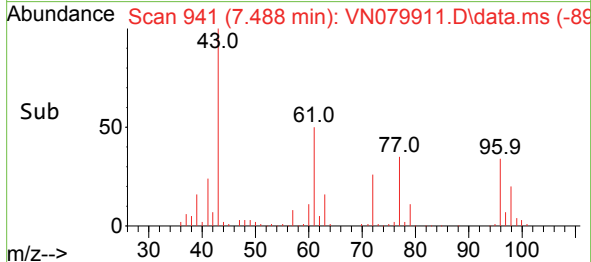
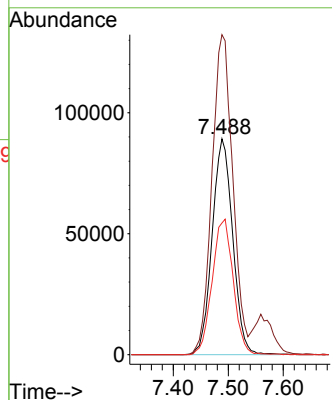
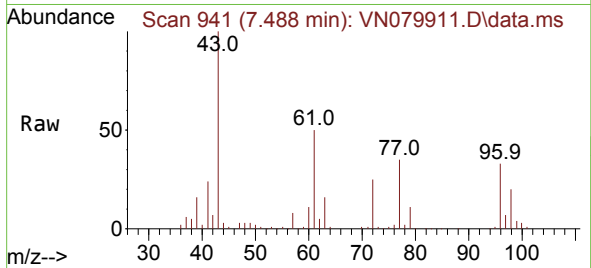




#27
 cis-1,2-Dichloroethene
 Concen: 52.514 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079911.D
 Acq: 04 Nov 2023 22:51

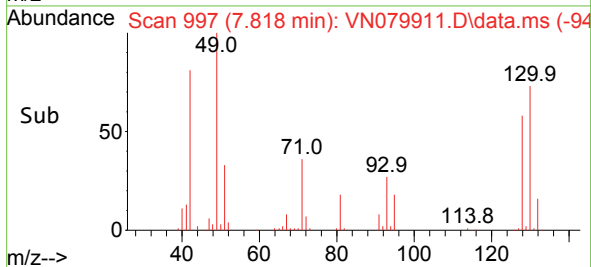
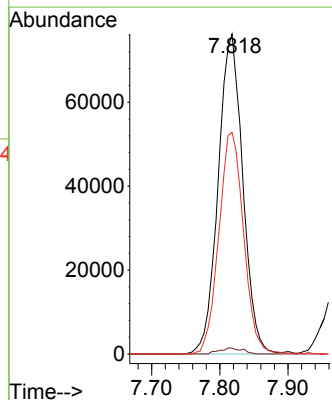
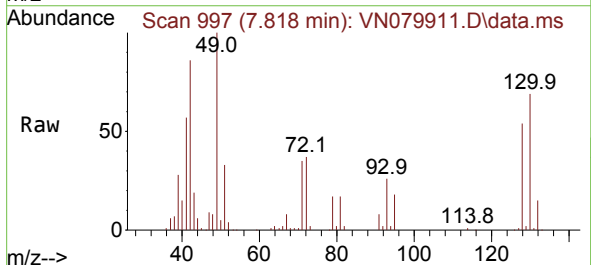
Instrument :
 MSVOA_N
 ClientSampleId :

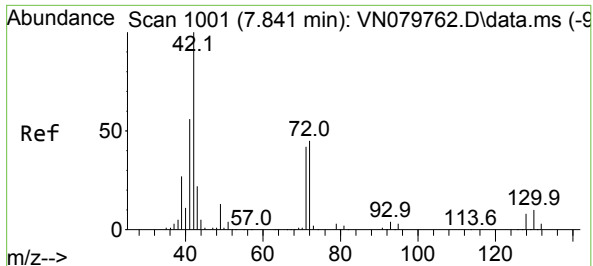
Tgt Ion: 96 Resp: 232159
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 255.2
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 54.932 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079911.D
 Acq: 04 Nov 2023 22:51

Tgt Ion: 49 Resp: 191383
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 69.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 292.734 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

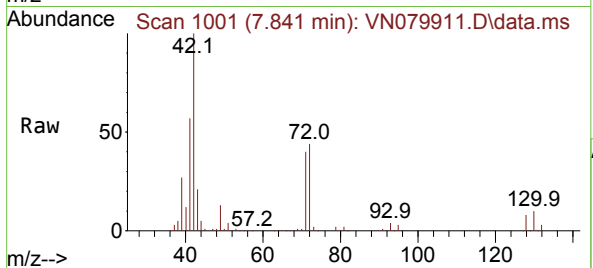
Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

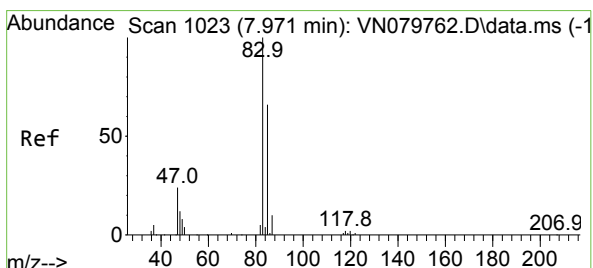
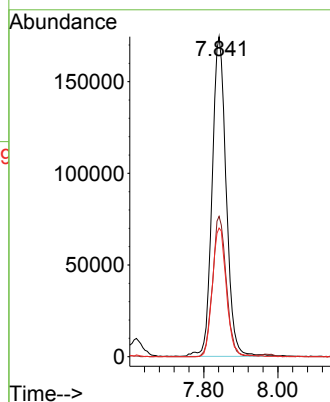
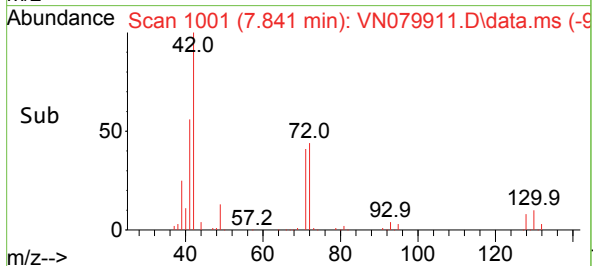
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	459498
Ion	Ratio	Lower	Upper
42	100		
72	42.7	49.8	74.6#
71	40.1	47.4	71.2#



#30

Chloroform

Concen: 52.868 ug/l

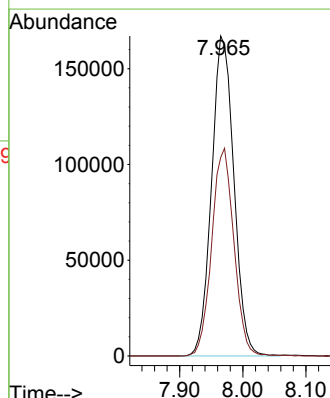
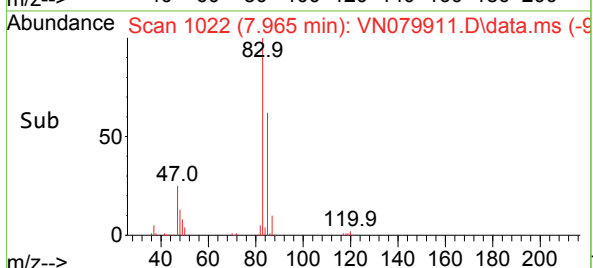
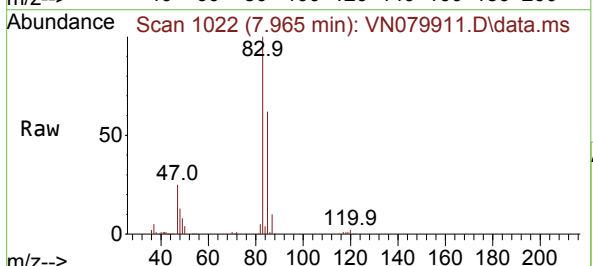
RT: 7.965 min Scan# 1022

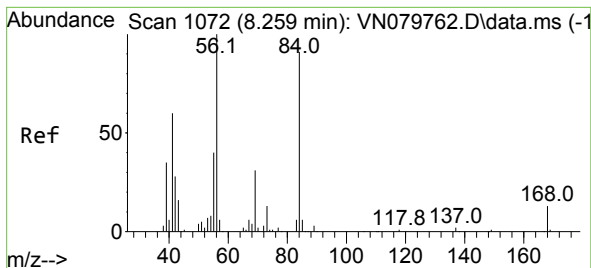
Delta R.T. -0.006 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Tgt Ion:	83	Resp:	410551
Ion	Ratio	Lower	Upper
83	100		
85	62.0	55.4	83.0





#31

Cyclohexane

Concen: 50.305 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.006 min

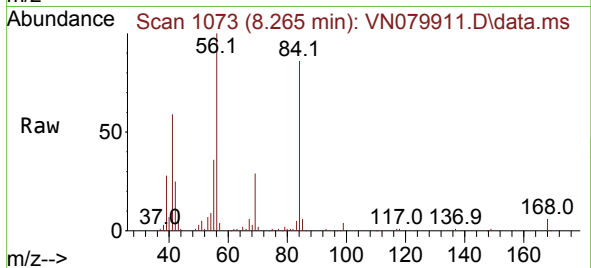
Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :



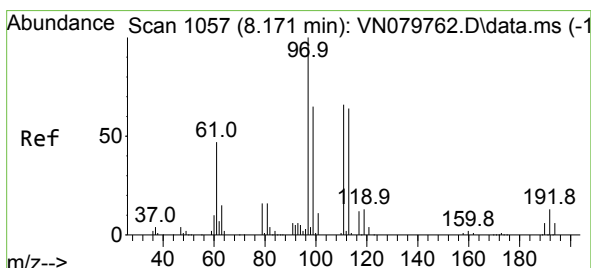
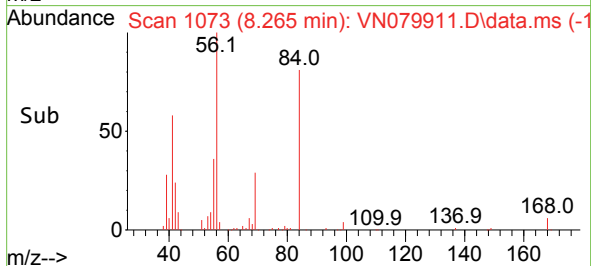
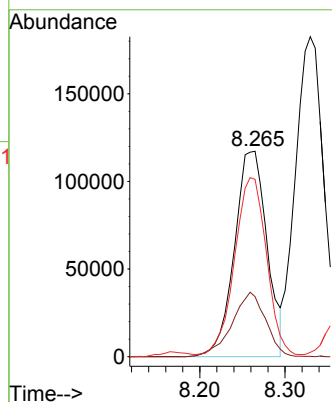
Tgt Ion: 56 Resp: 311786

Ion Ratio Lower Upper

56 100

69 29.2 26.8 40.2

84 84.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 54.800 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

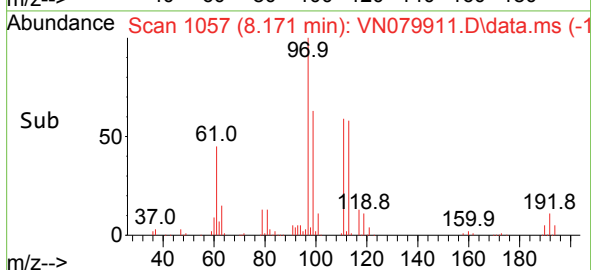
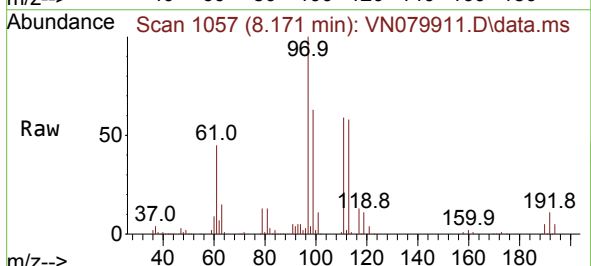
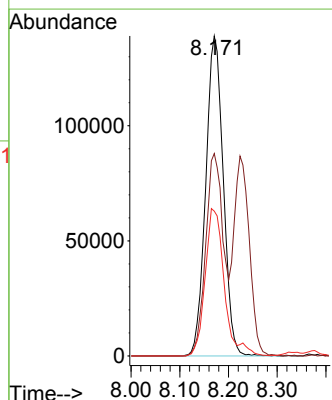
Tgt Ion: 97 Resp: 346741

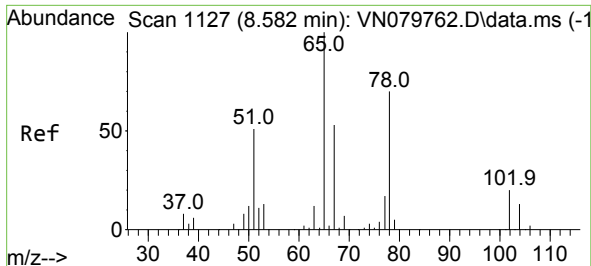
Ion Ratio Lower Upper

97 100

99 63.7 50.3 75.5

61 50.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.541 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

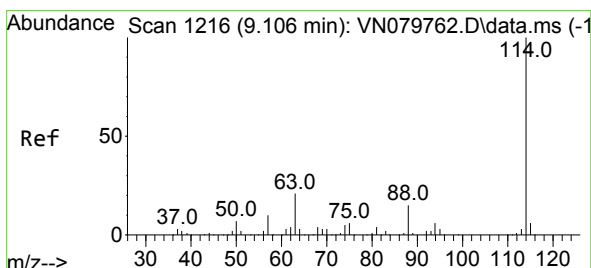
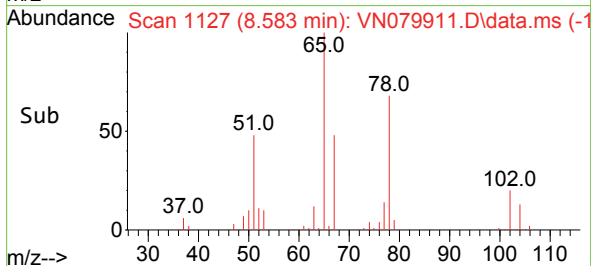
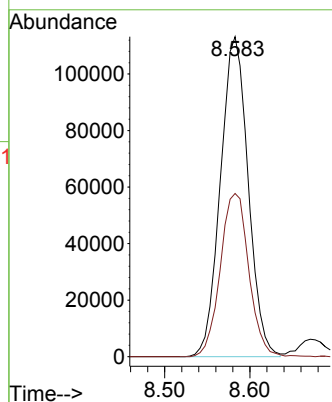
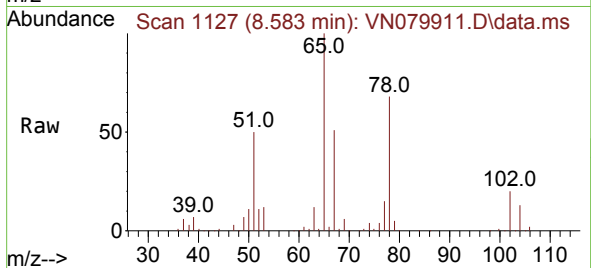
ClientSampleId :

Tgt Ion: 65 Resp: 255820

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

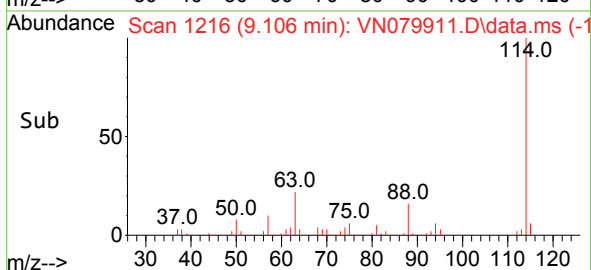
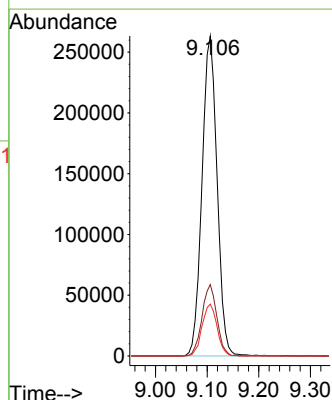
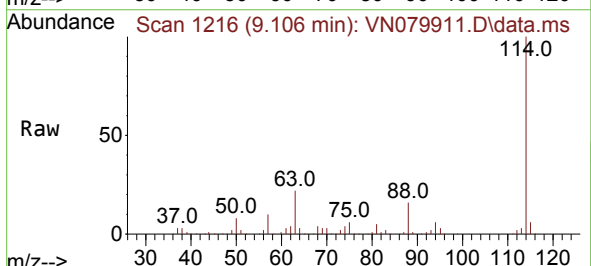
Tgt Ion: 114 Resp: 533196

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

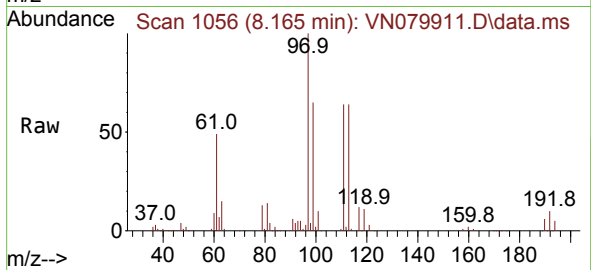
88 16.2 0.0 30.6



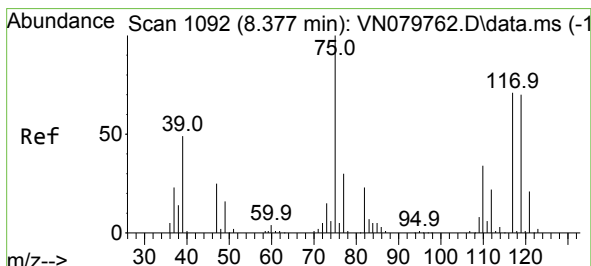
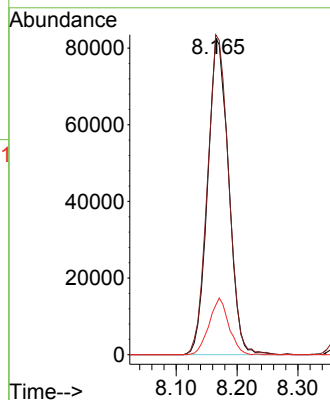
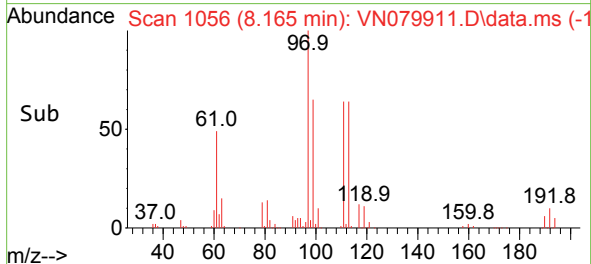


#35
Dibromofluoromethane
Concen: 52.166 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Instrument :
MSVOA_N
ClientSampleId :

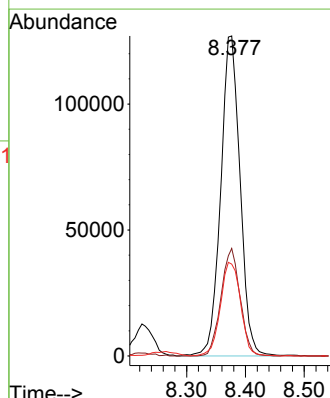
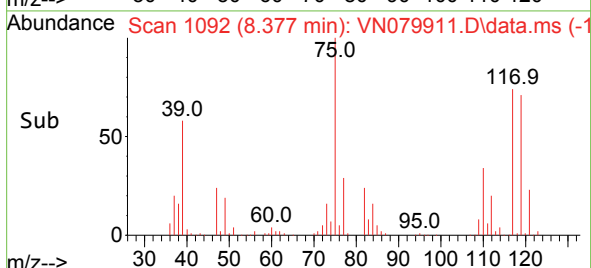
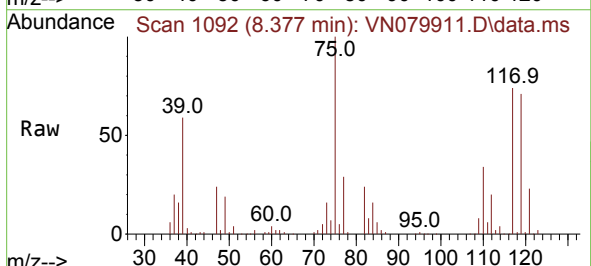


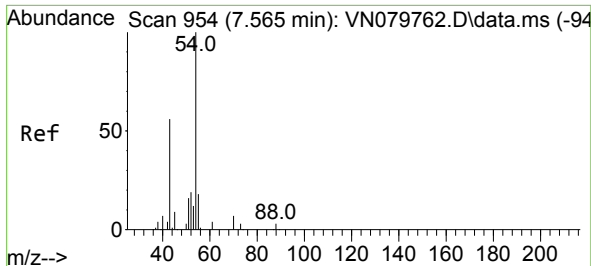
Tgt Ion:113 Resp: 196860
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 16.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 53.979 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 75 Resp: 290853
Ion Ratio Lower Upper
75 100
110 33.1 19.1 57.3
77 30.5 25.0 37.4

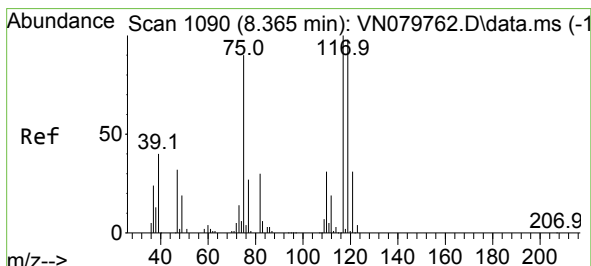
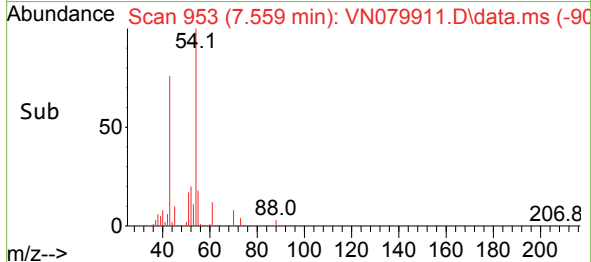
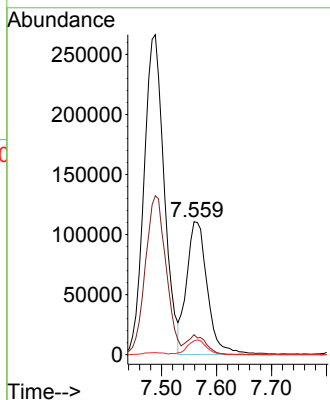
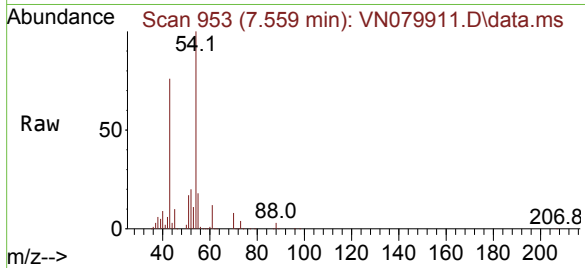




#37
Ethyl Acetate
Concen: 58.513 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

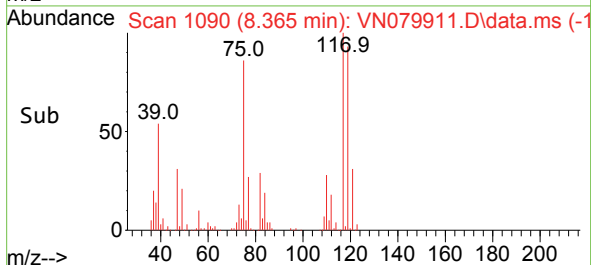
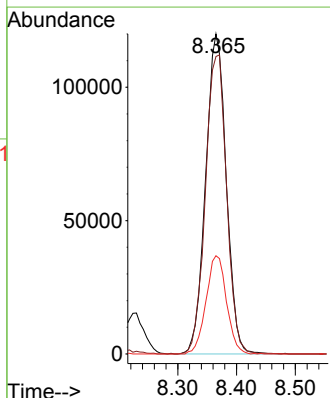
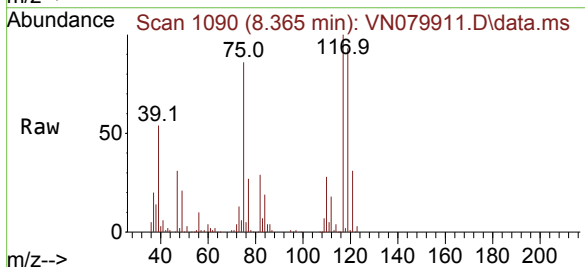
Instrument :
MSVOA_N
ClientSampleId :

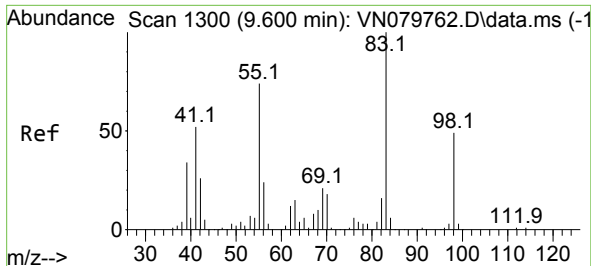
Tgt Ion: 43 Resp: 289152
Ion Ratio Lower Upper
43 100
61 12.4 13.2 19.8#
70 10.4 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 53.896 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 117 Resp: 292678
Ion Ratio Lower Upper
117 100
119 93.0 77.3 115.9
121 30.7 23.3 34.9





#39

Methylcyclohexane

Concen: 54.827 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

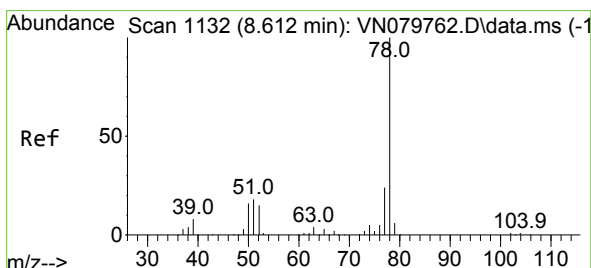
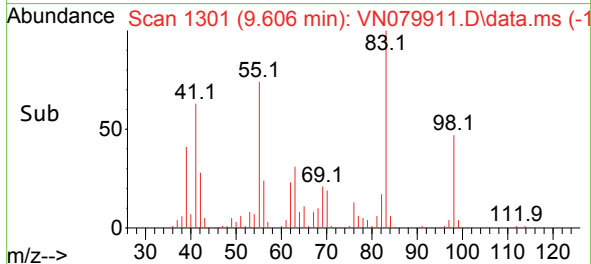
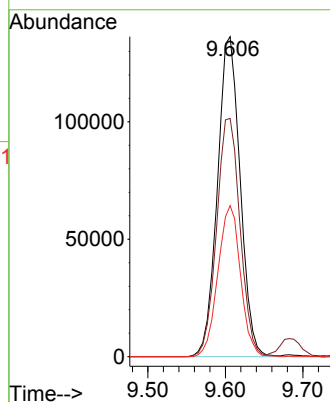
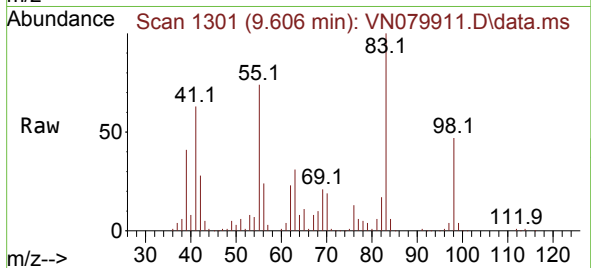
Tgt Ion: 83 Resp: 278019

Ion Ratio Lower Upper

83 100

55 74.5 49.1 73.7#

98 47.2 40.6 61.0



#40

Benzene

Concen: 53.916 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079911.D

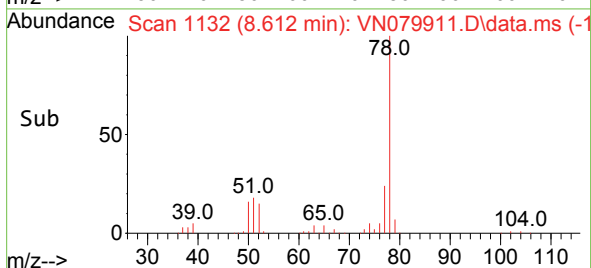
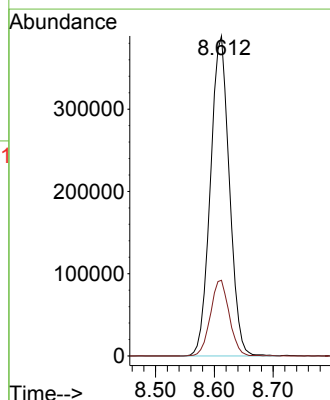
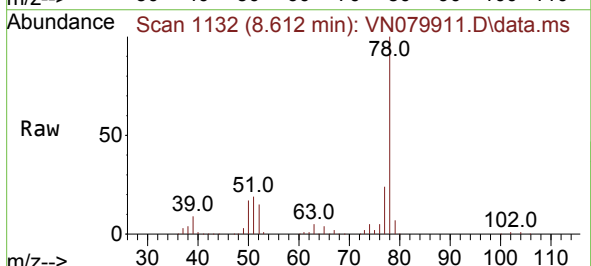
Acq: 04 Nov 2023 22:51

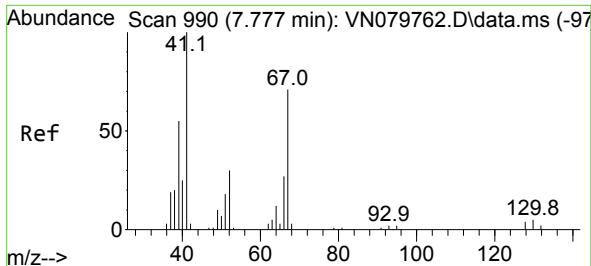
Tgt Ion: 78 Resp: 870128

Ion Ratio Lower Upper

78 100

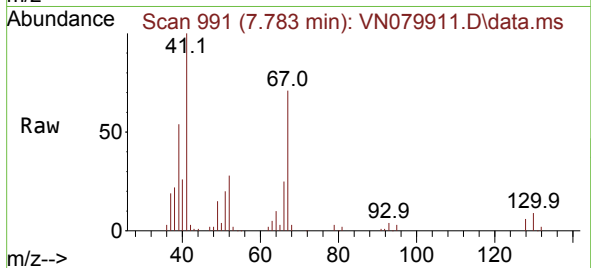
77 23.7 19.0 28.6



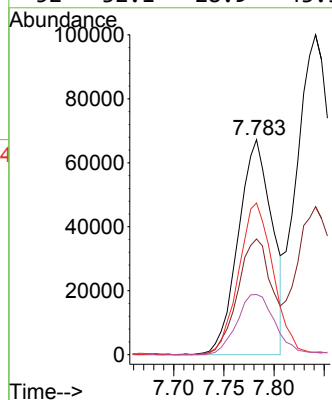
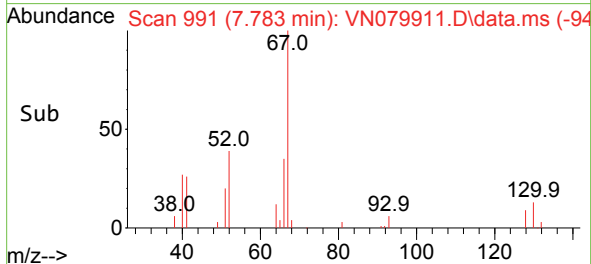


#41
Methacrylonitrile
Concen: 60.218 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Instrument :
MSVOA_N
ClientSampleId :

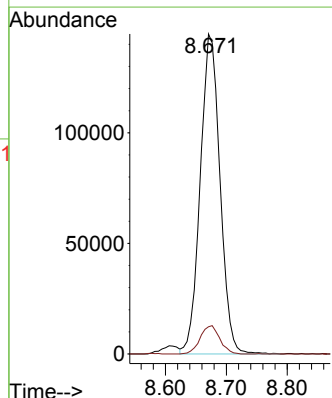
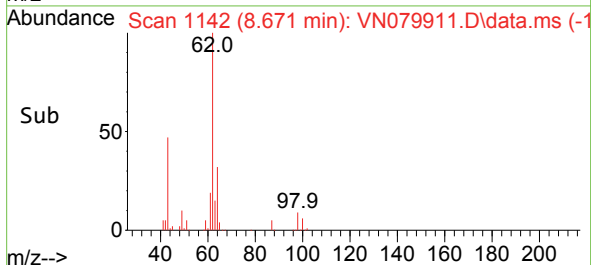
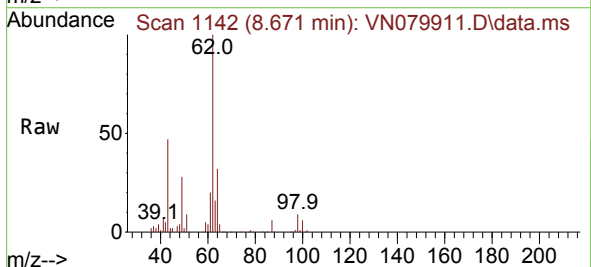


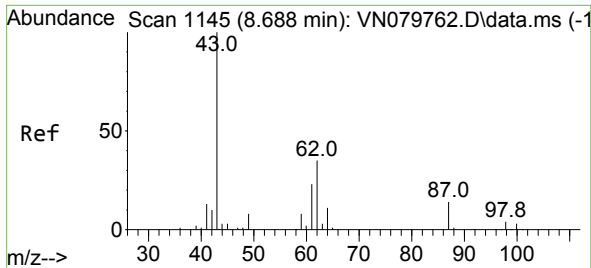
Tgt Ion: 41 Resp: 158020
Ion Ratio Lower Upper
41 100
39 54.3 42.6 64.0
67 73.5 77.5 116.3#
52 32.1 28.9 43.3



#42
1,2-Dichloroethane
Concen: 57.914 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 62 Resp: 326482
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8

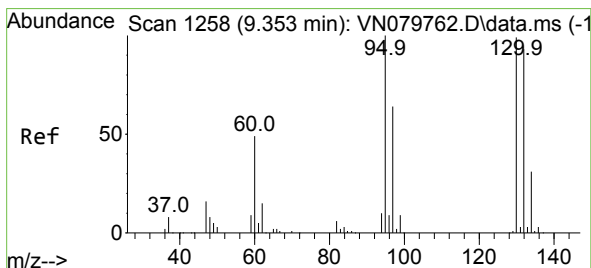
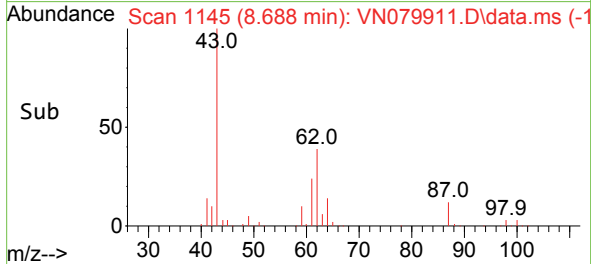
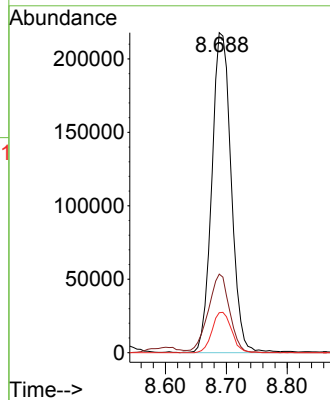
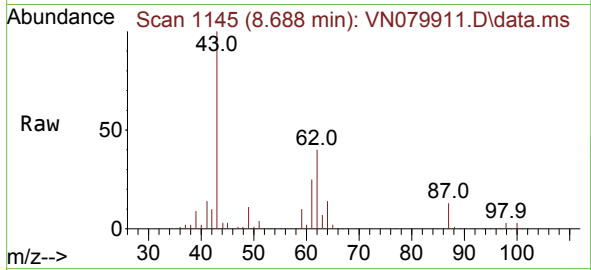




#43
Isopropyl Acetate
Concen: 55.525 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

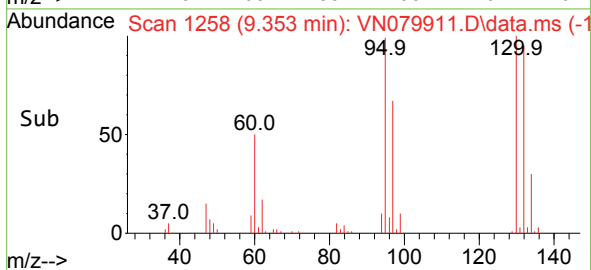
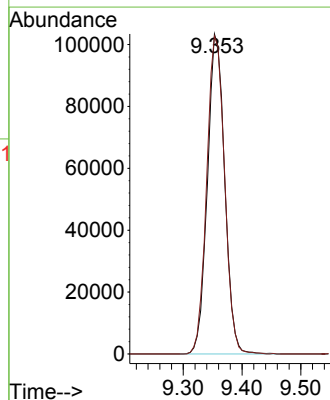
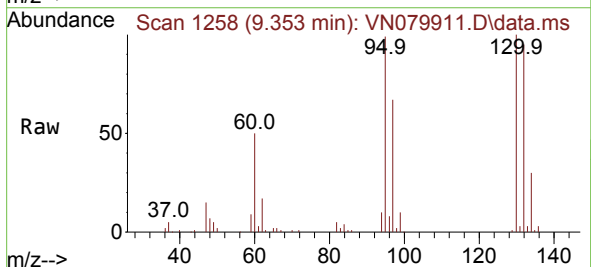
Instrument :
MSVOA_N
ClientSampleId :

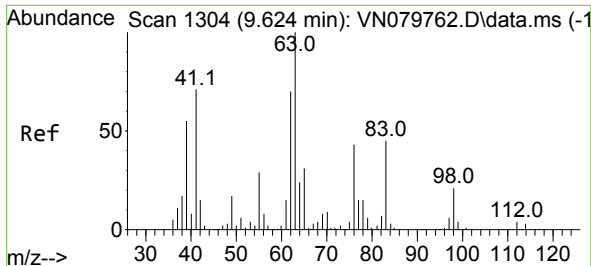
Tgt Ion: 43 Resp: 481193
Ion Ratio Lower Upper
43 100
61 26.9 24.7 37.1
87 12.7 14.6 21.8#



#44
Trichloroethene
Concen: 52.775 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion:130 Resp: 211347
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.729 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

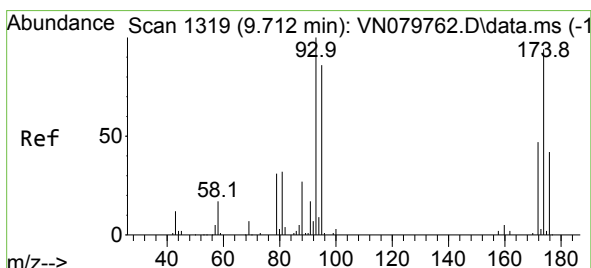
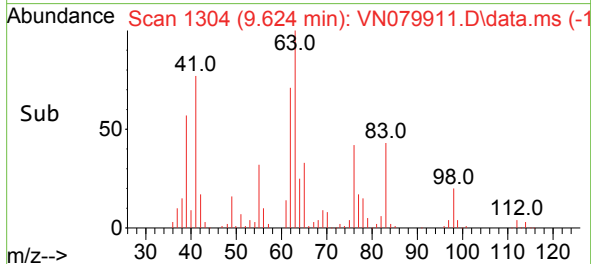
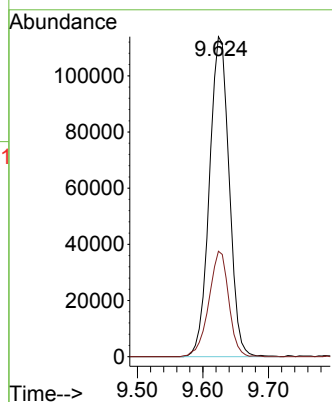
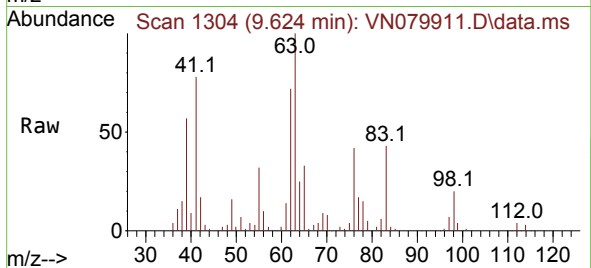
ClientSampleId :

Tgt Ion: 63 Resp: 238093

Ion Ratio Lower Upper

63 100

65 33.0 23.9 35.9



#46

Dibromomethane

Concen: 55.025 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

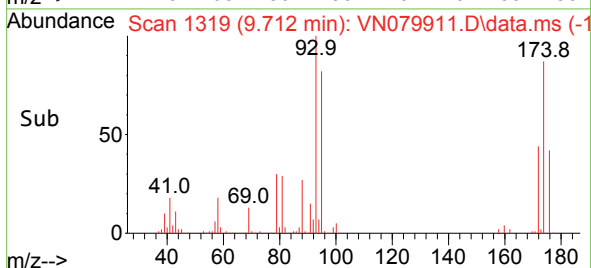
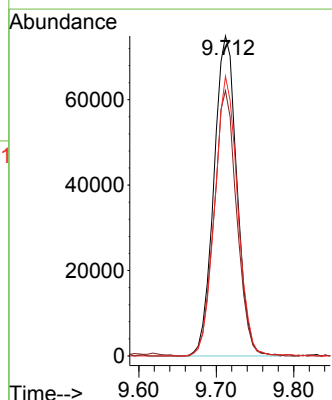
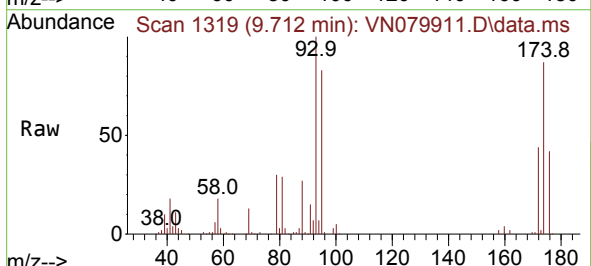
Tgt Ion: 93 Resp: 154959

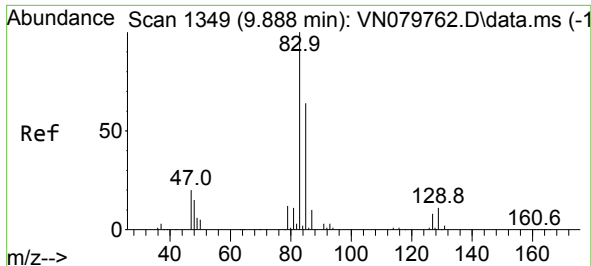
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

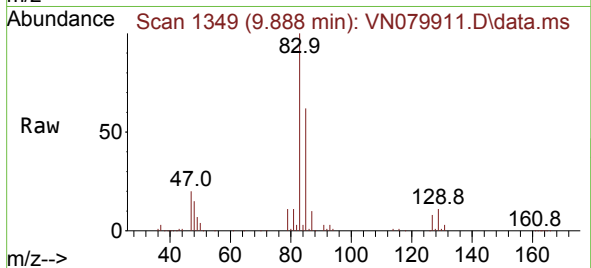
174 86.6 65.6 98.4



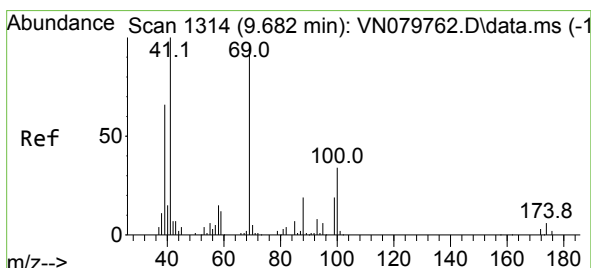
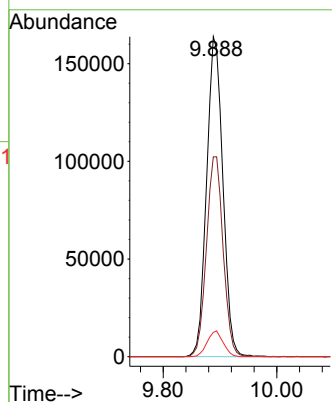
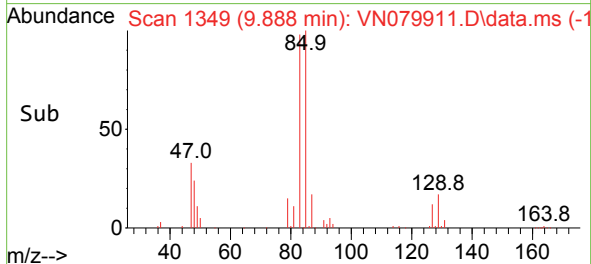


#47
Bromodichloromethane
Concen: 53.911 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Instrument :
MSVOA_N
ClientSampleId :

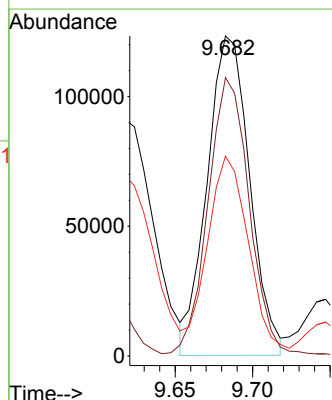
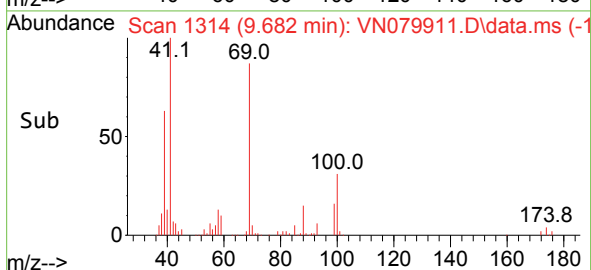
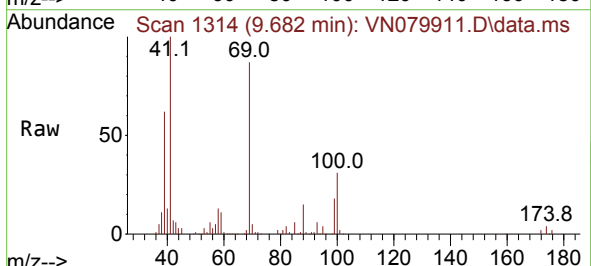


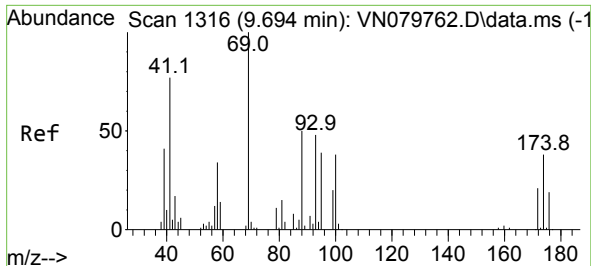
Tgt Ion: 83 Resp: 323788
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 7.6 7.0 10.6



#48
Methyl methacrylate
Concen: 61.965 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 41 Resp: 235215
Ion Ratio Lower Upper
41 100
69 85.3 90.4 135.6#
39 61.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1078.339 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

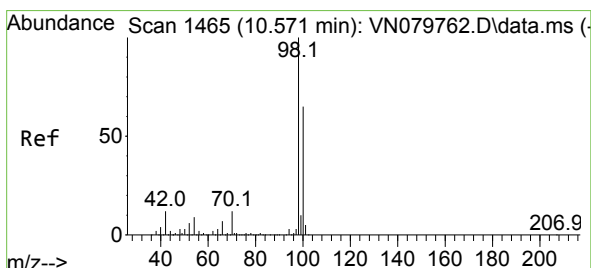
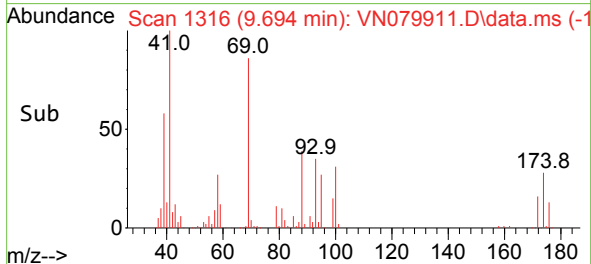
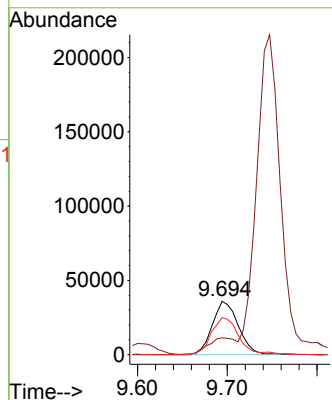
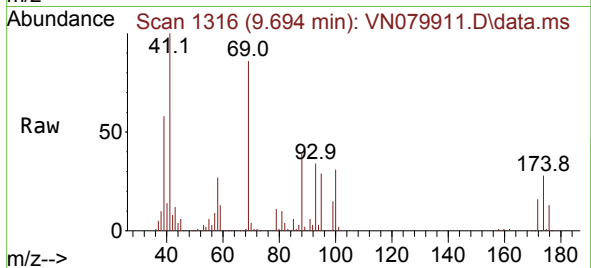
Tgt Ion: 88 Resp: 72328

Ion Ratio Lower Upper

88 100

43 33.4 17.0 25.6#

58 74.2 47.0 70.4#



#50

Toluene-d8

Concen: 52.398 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079911.D

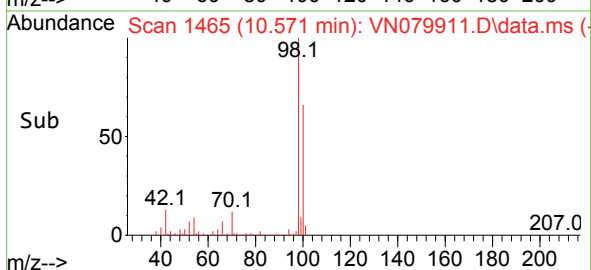
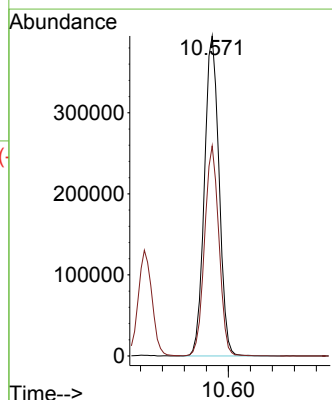
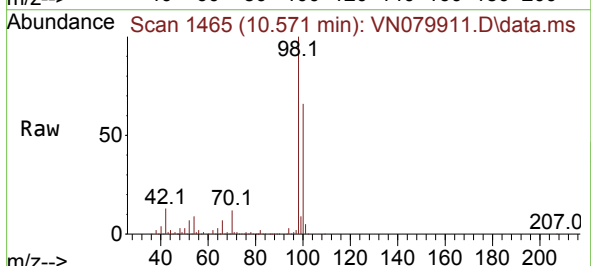
Acq: 04 Nov 2023 22:51

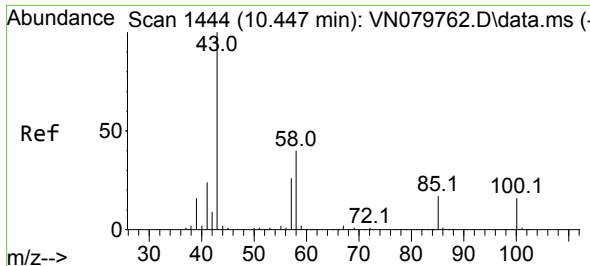
Tgt Ion: 98 Resp: 727941

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 303.555 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

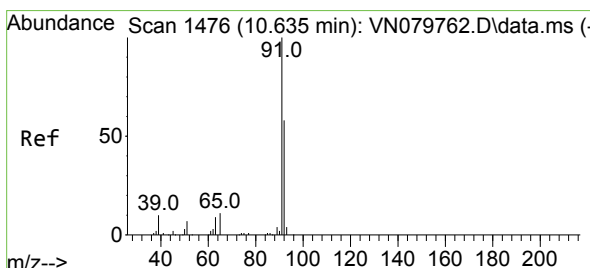
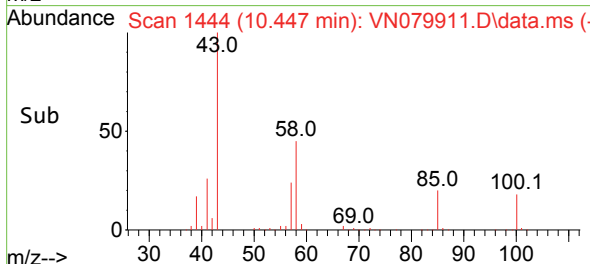
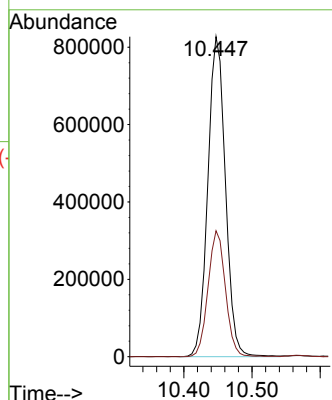
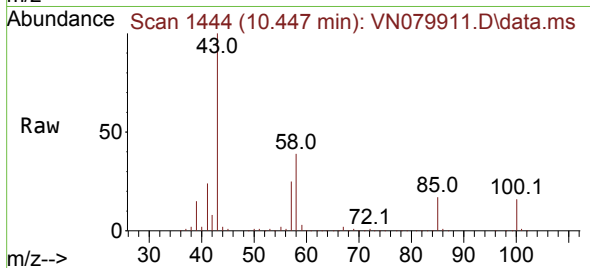
ClientSampleId :

Tgt Ion: 43 Resp: 1481049

Ion Ratio Lower Upper

43 100

58 39.0 36.6 54.8



#52

Toluene

Concen: 56.034 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079911.D

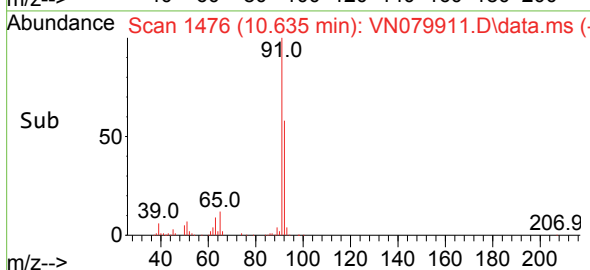
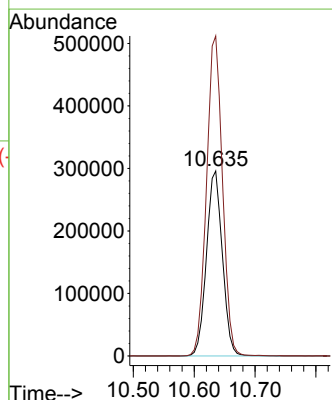
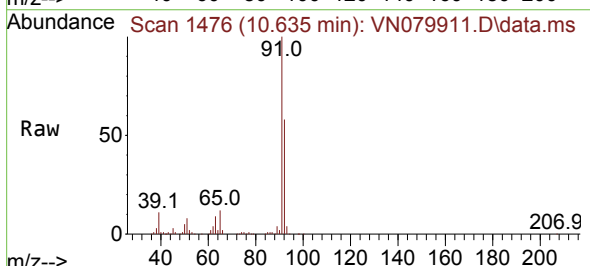
Acq: 04 Nov 2023 22:51

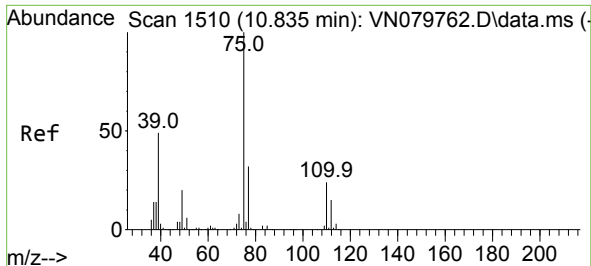
Tgt Ion: 92 Resp: 536119

Ion Ratio Lower Upper

92 100

91 173.5 137.4 206.0

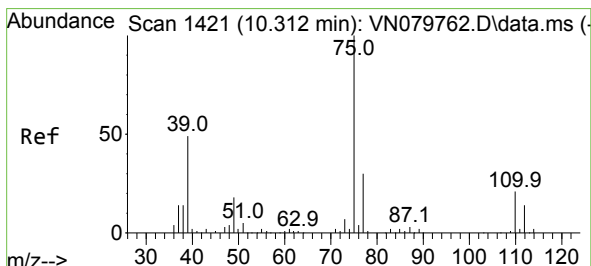
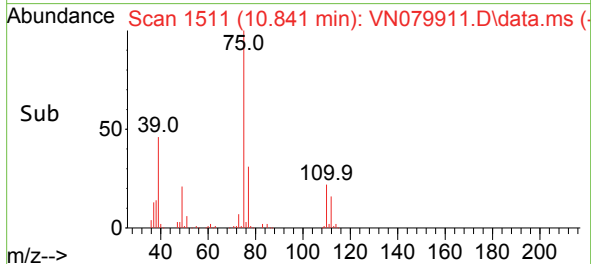
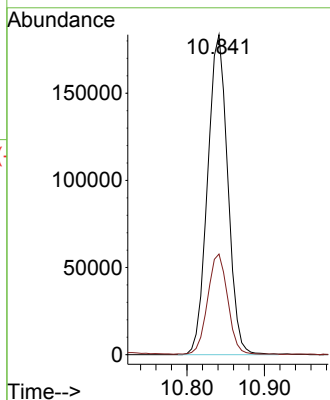
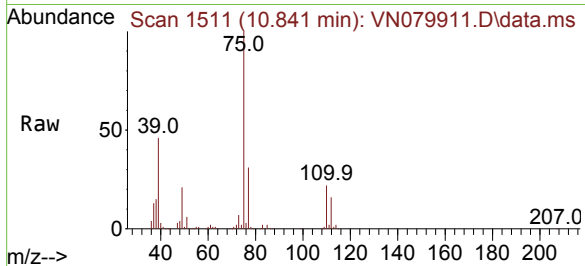




#53
t-1,3-Dichloropropene
Concen: 56.355 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

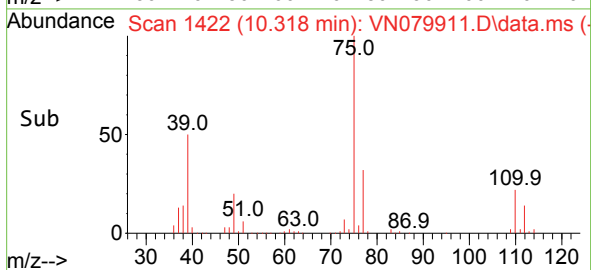
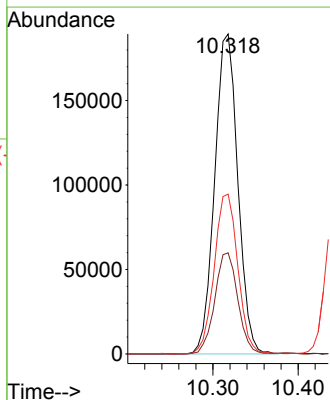
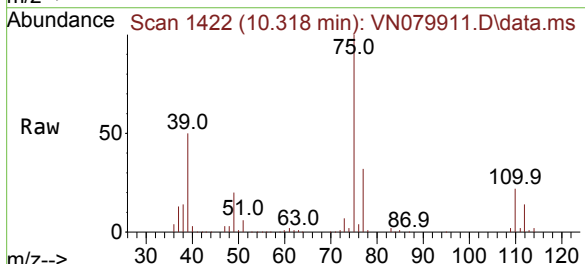
Instrument :
MSVOA_N
ClientSampleId :

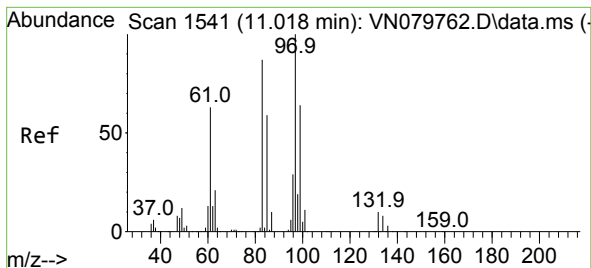
Tgt Ion: 75 Resp: 331804
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 55.708 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 75 Resp: 357509
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 49.8 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 56.379 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 216964

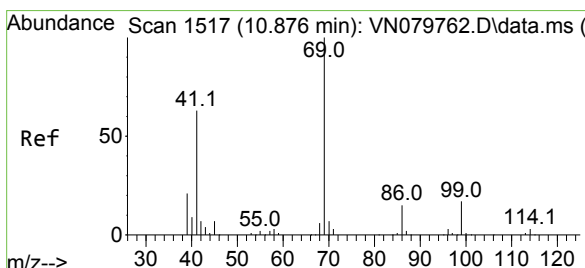
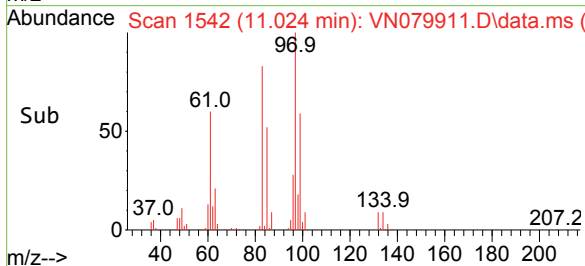
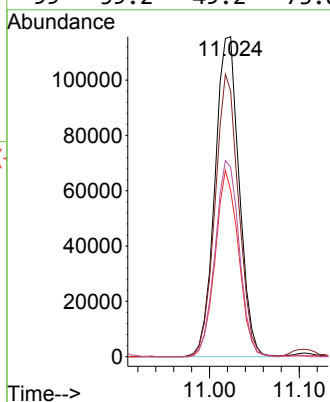
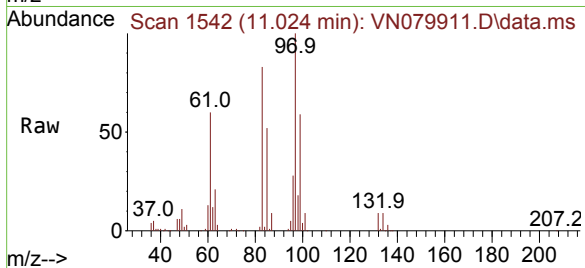
Ion Ratio Lower Upper

97 100

83 82.9 65.1 97.7

85 51.8 43.4 65.2

99 59.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 60.653 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

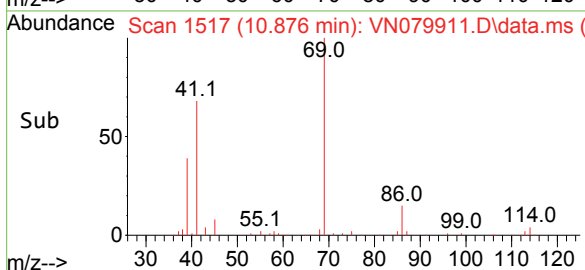
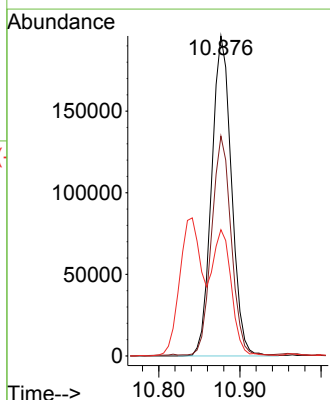
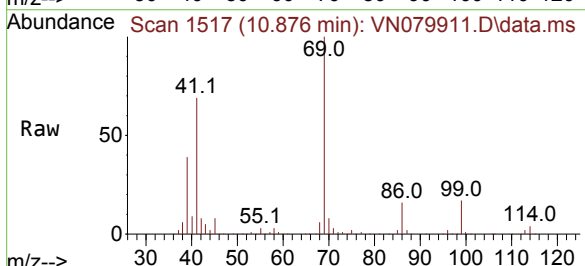
Tgt Ion: 69 Resp: 332936

Ion Ratio Lower Upper

69 100

41 67.0 39.6 59.4#

39 37.5 28.6 43.0

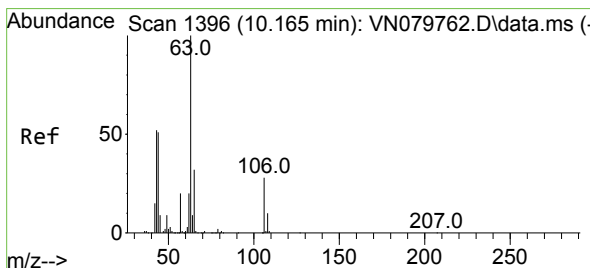
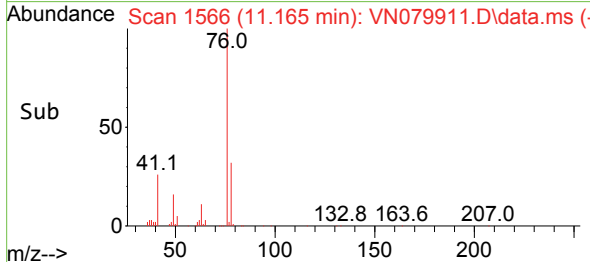
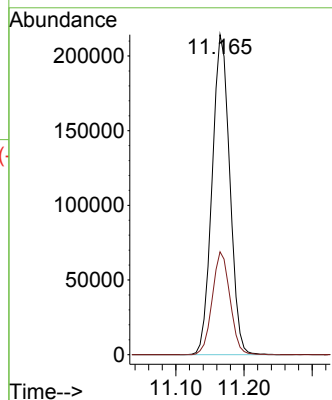
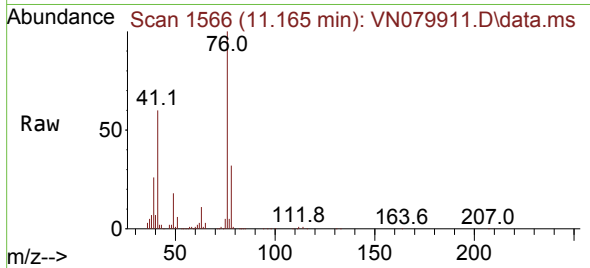




#57
1,3-Dichloropropane
Concen: 57.007 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

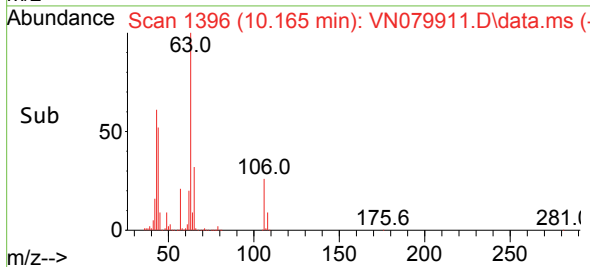
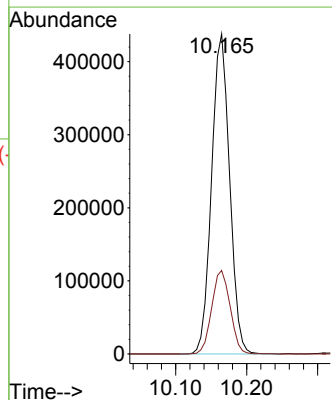
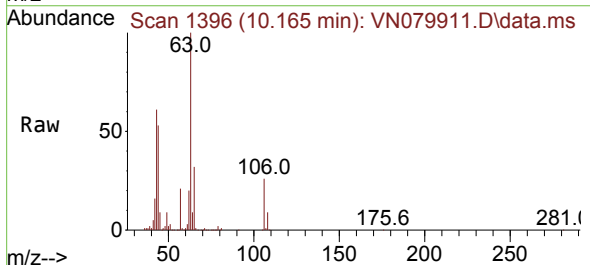
Instrument :
MSVOA_N
ClientSampleId :

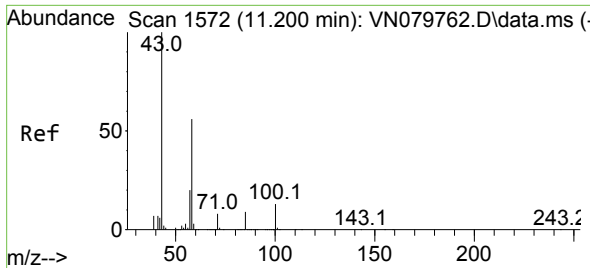
Tgt Ion: 76 Resp: 386691
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 276.715 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 63 Resp: 769853
Ion Ratio Lower Upper
63 100
106 26.7 26.2 39.4

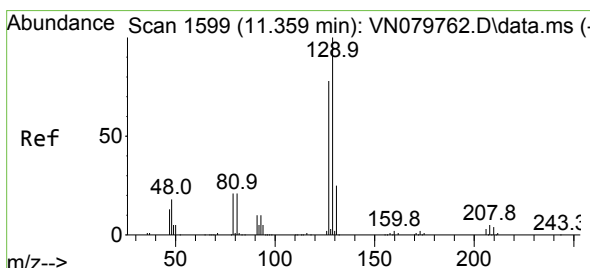
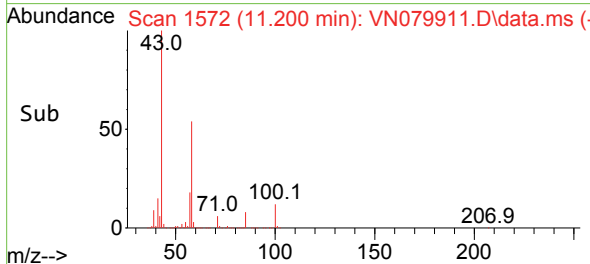
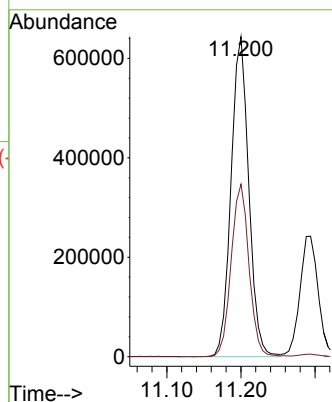
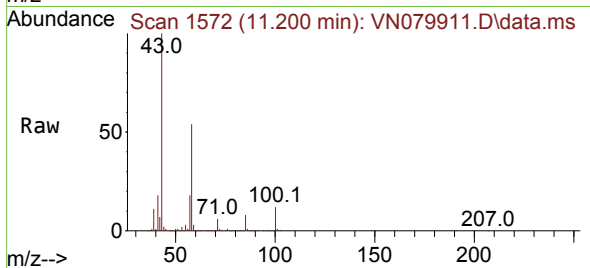




#59
2-Hexanone
Concen: 286.101 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

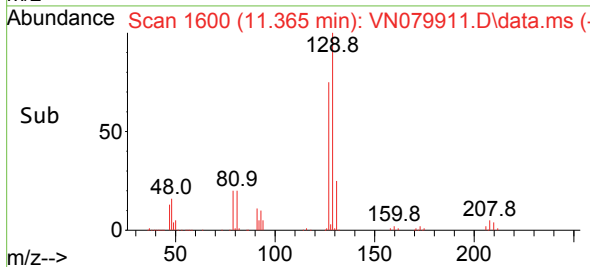
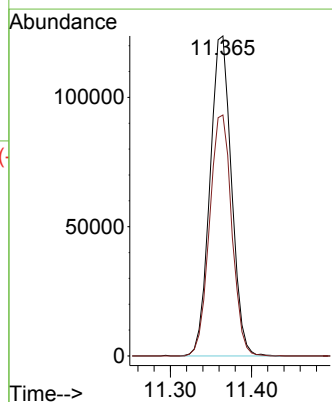
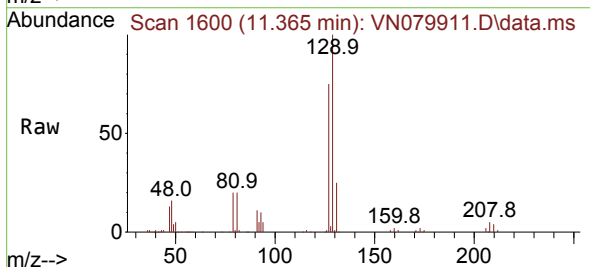
Instrument :
MSVOA_N
ClientSampleId :

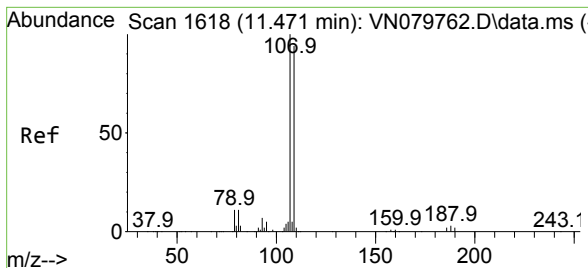
Tgt Ion: 43 Resp: 1067855
Ion Ratio Lower Upper
43 100
58 54.3 31.7 95.1



#60
Dibromochloromethane
Concen: 55.284 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 129 Resp: 227728
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0

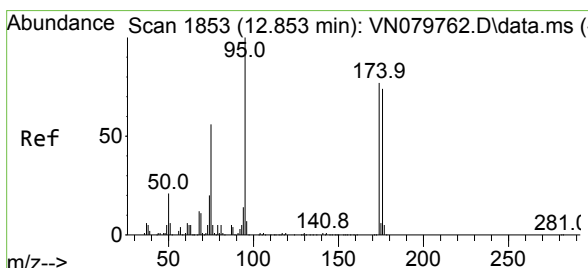
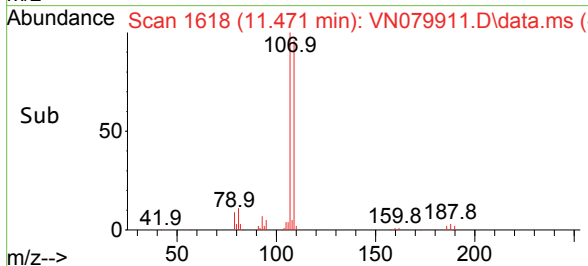
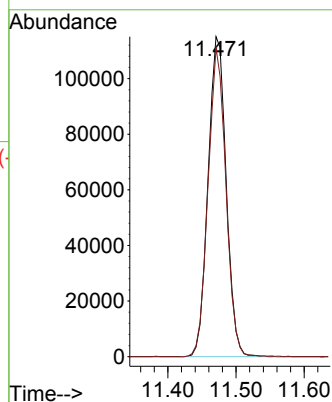
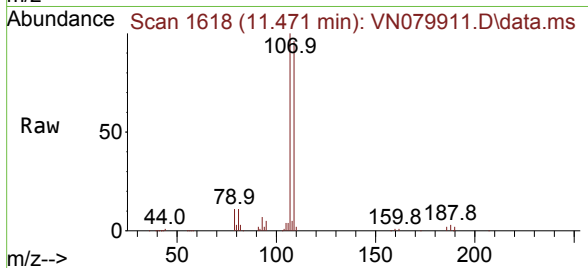




#61
1,2-Dibromoethane
Concen: 55.122 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

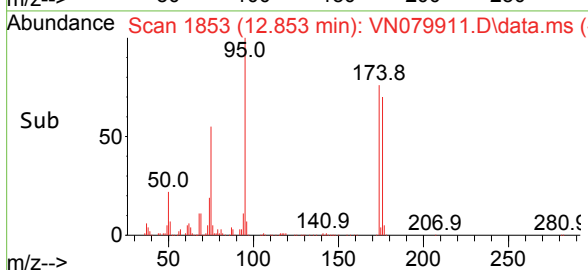
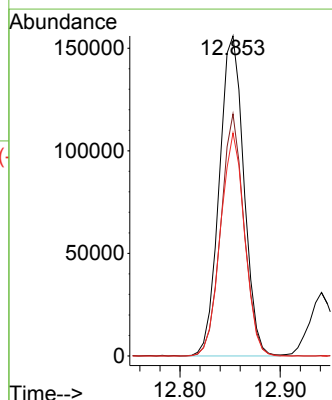
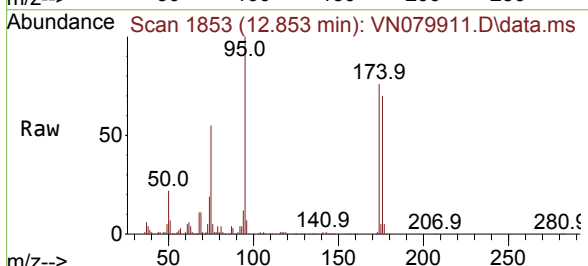
Instrument :
MSVOA_N
ClientSampleId :

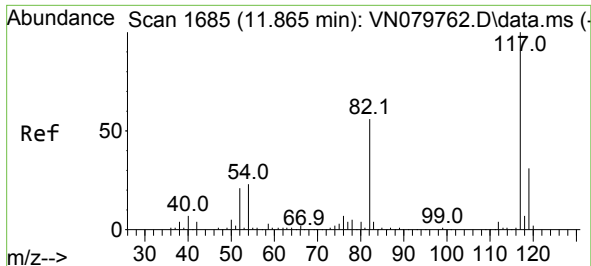
Tgt Ion:107 Resp: 212909
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 57.587 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 95 Resp: 265328
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.8
176 68.2 0.0 135.8

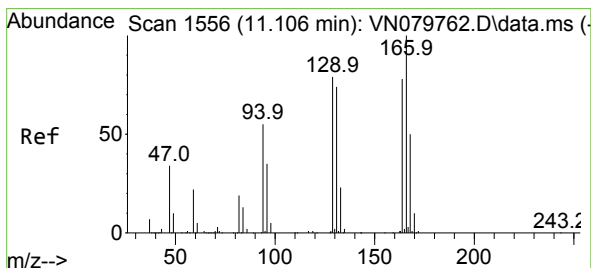
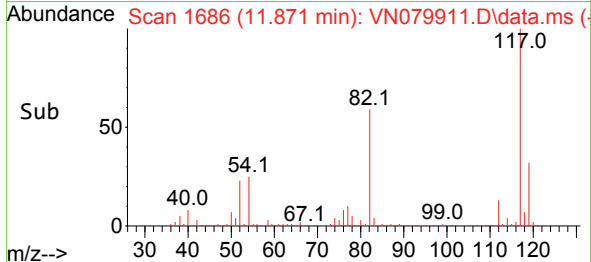
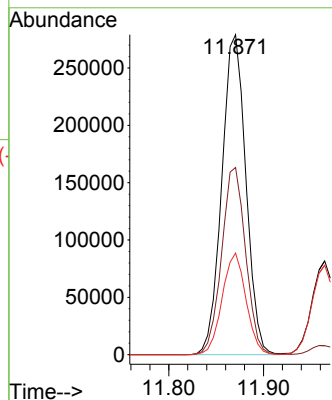
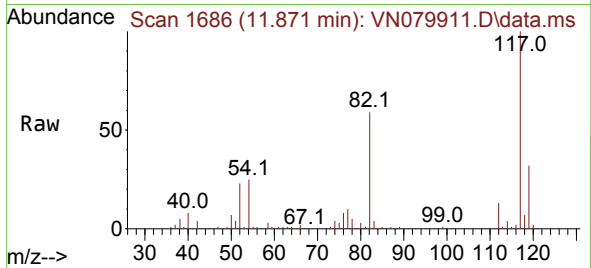




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

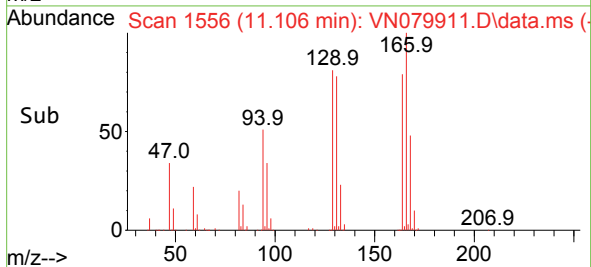
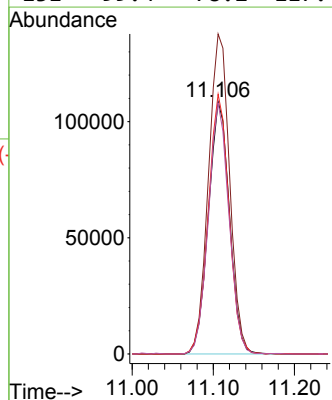
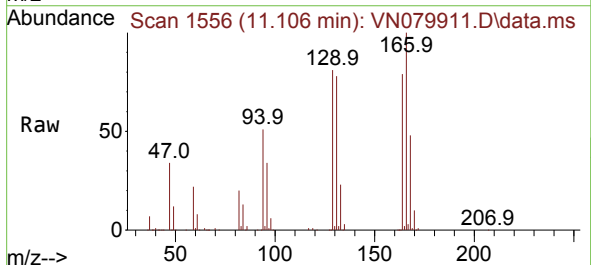
Instrument :
MSVOA_N
ClientSampleId :

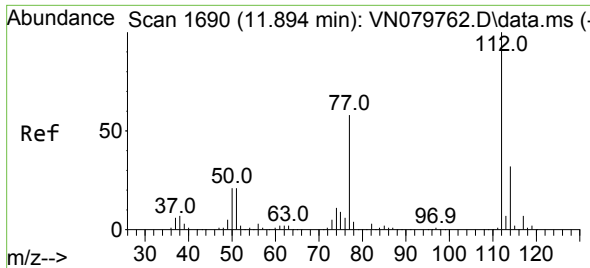
Tgt Ion:117 Resp: 493805
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 61.124 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion:164 Resp: 195483
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.0
129 102.9 82.4 123.6
131 99.4 78.2 117.4

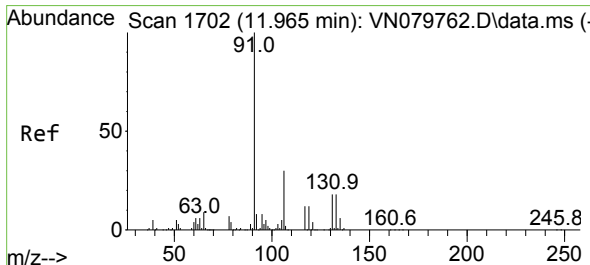
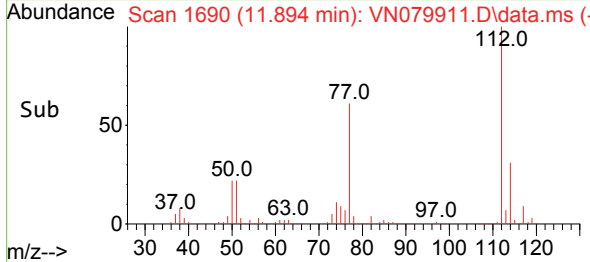
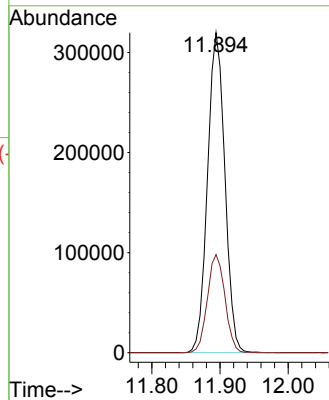
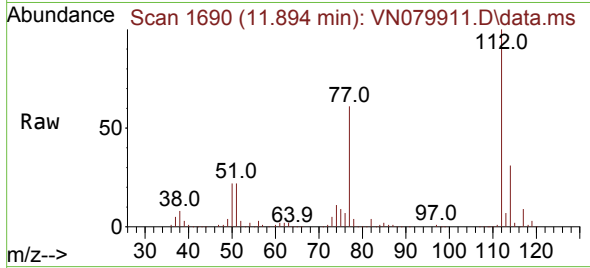




#65
Chlorobenzene
Concen: 52.823 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

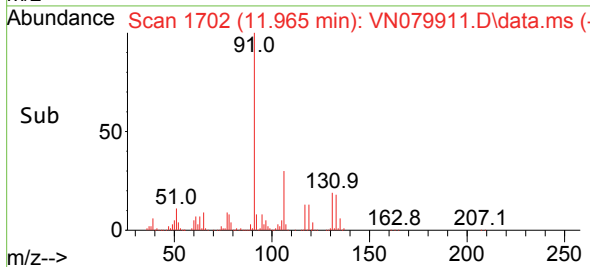
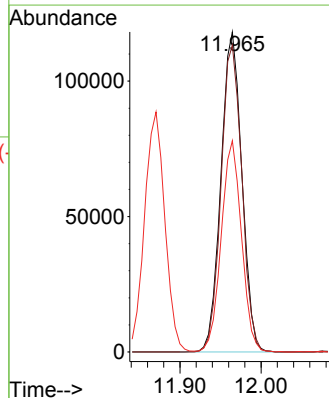
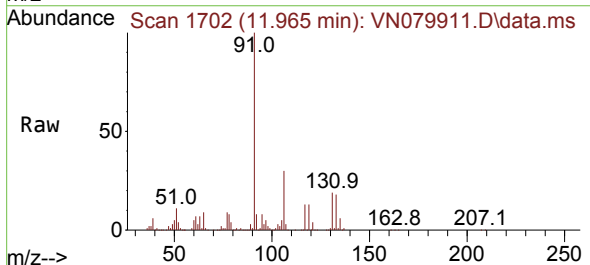
Instrument :
MSVOA_N
ClientSampleId :

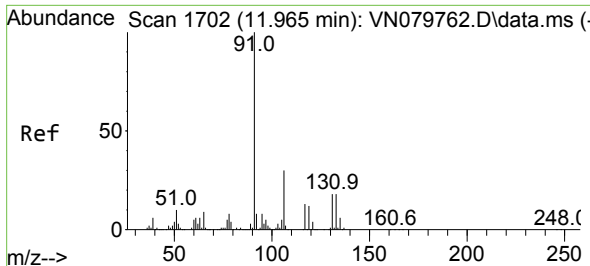
Tgt Ion:112 Resp: 565814
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.780 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion:131 Resp: 211410
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 64.1 34.1 102.2

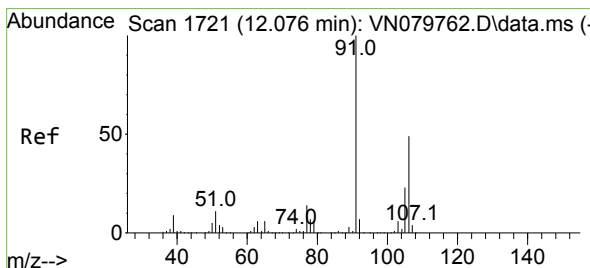
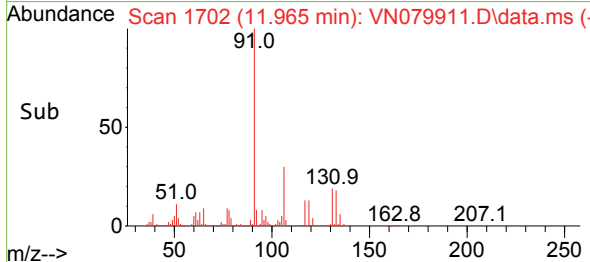
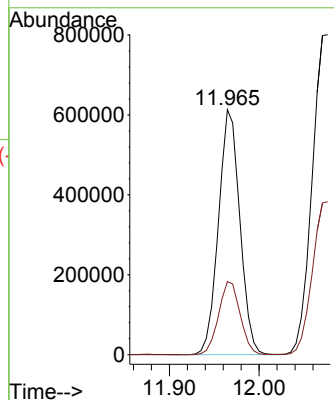
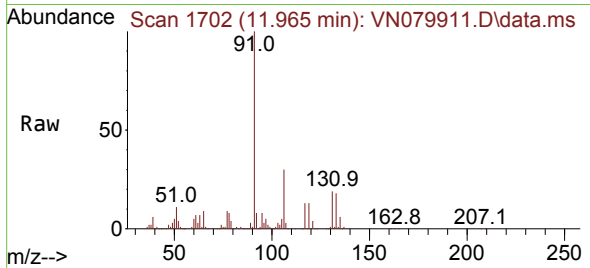




#67
Ethyl Benzene
Concen: 54.381 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

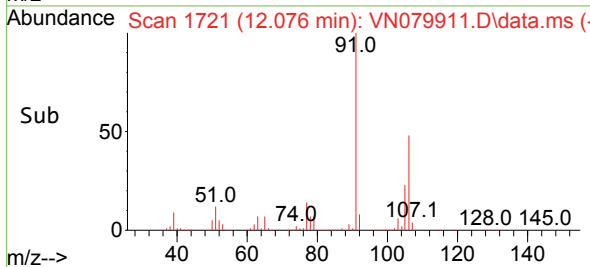
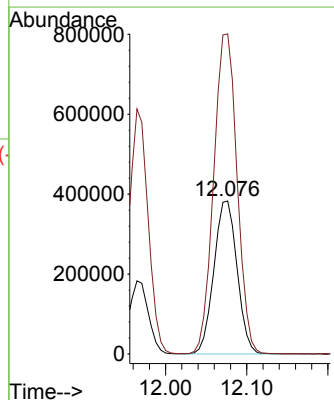
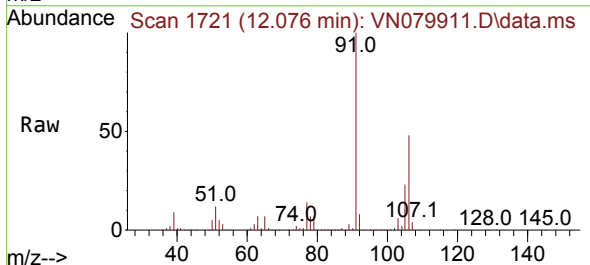
Instrument :
MSVOA_N
ClientSampleId :

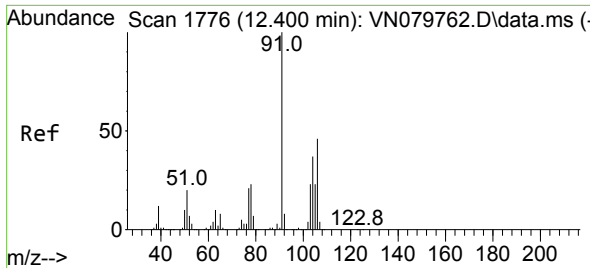
Tgt Ion: 91 Resp: 1014868
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4



#68
m/p-Xylenes
Concen: 109.192 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 106 Resp: 759102
Ion Ratio Lower Upper
106 100
91 211.1 159.6 239.4

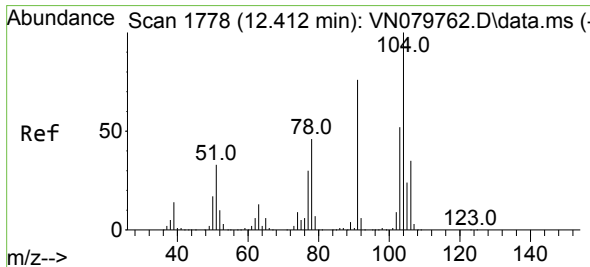
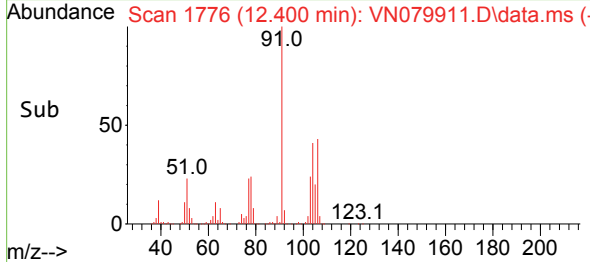
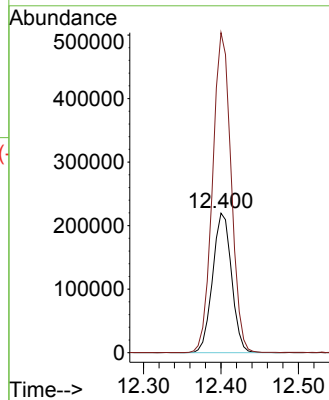
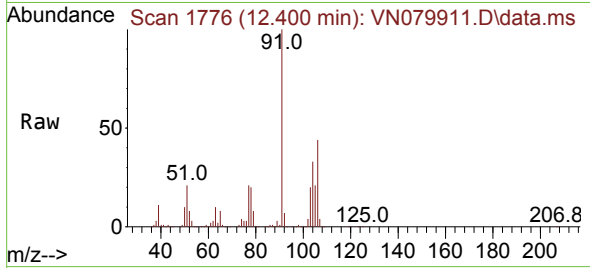




#69
o-Xylene
Concen: 55.673 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

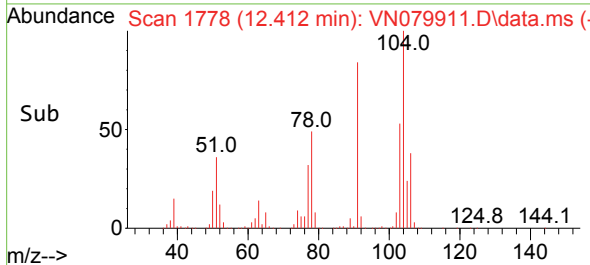
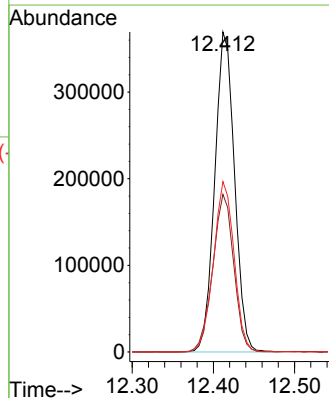
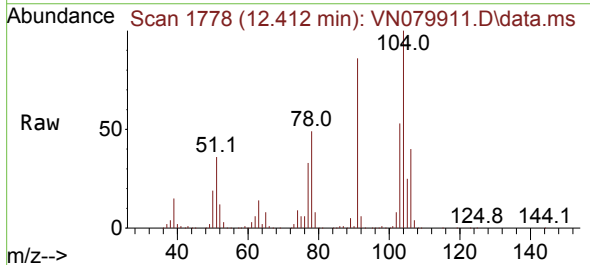
Instrument :
MSVOA_N
ClientSampleId :

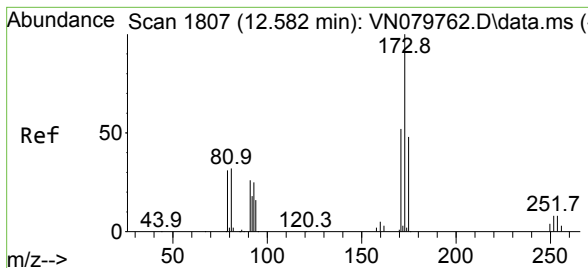
Tgt Ion:106 Resp: 372697
Ion Ratio Lower Upper
106 100
91 225.4 105.2 315.5



#70
Styrene
Concen: 58.193 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion:104 Resp: 626071
Ion Ratio Lower Upper
104 100
78 52.4 39.5 59.3
103 55.7 43.2 64.8

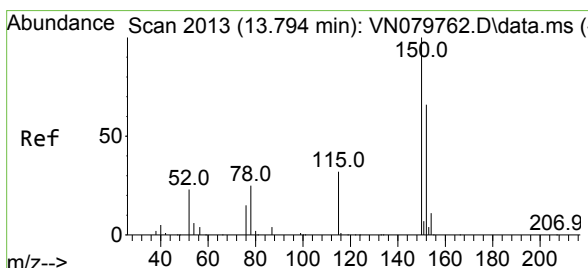
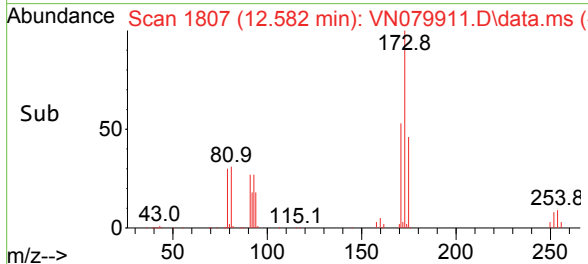
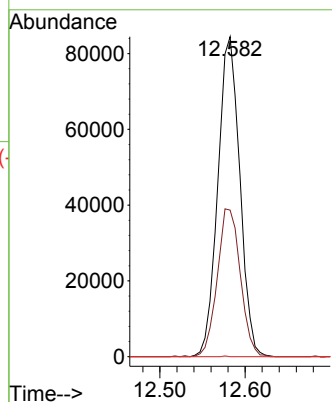
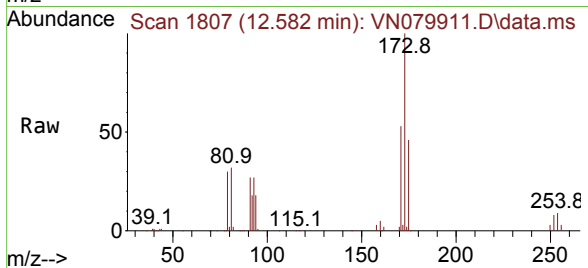




#71
Bromoform
Concen: 55.247 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

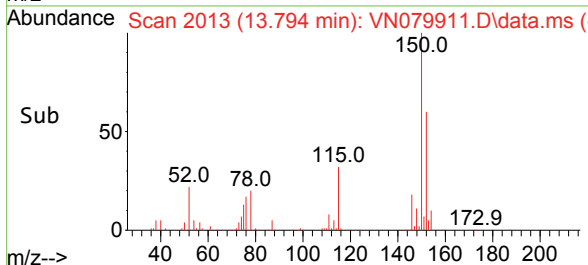
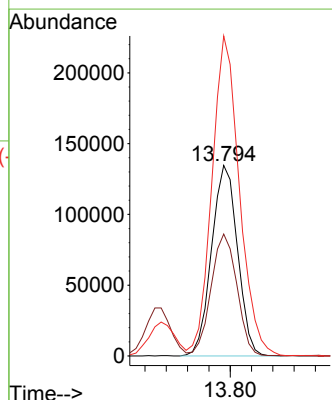
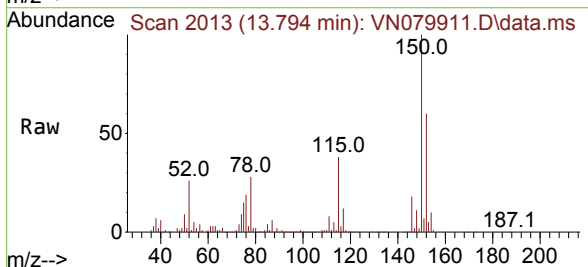
Instrument :
MSVOA_N
ClientSampleId :

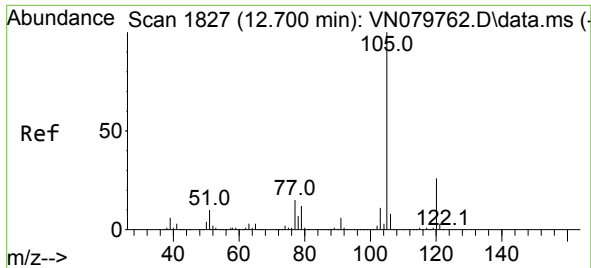
Tgt Ion:173 Resp: 151400
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion:152 Resp: 227452
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 178.0 0.0 355.8

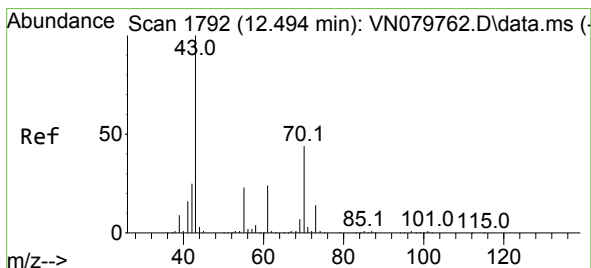
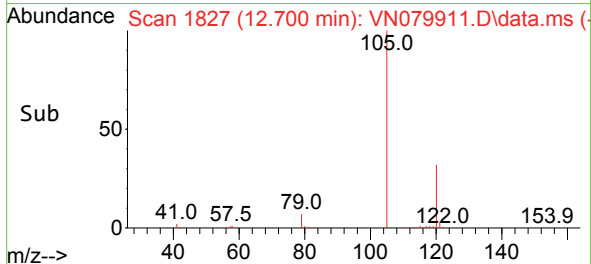
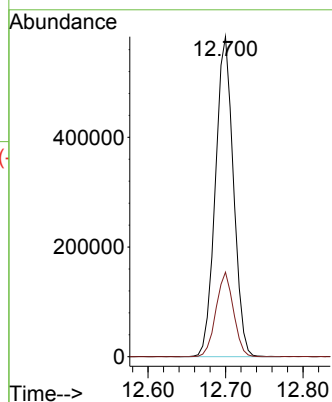
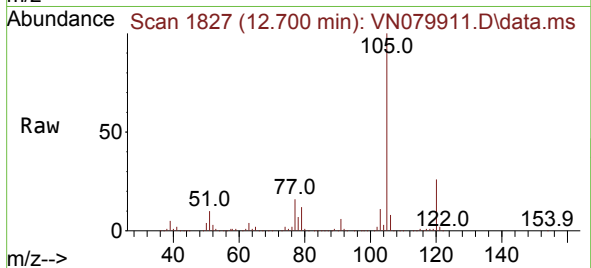




#73
Isopropylbenzene
Concen: 54.507 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

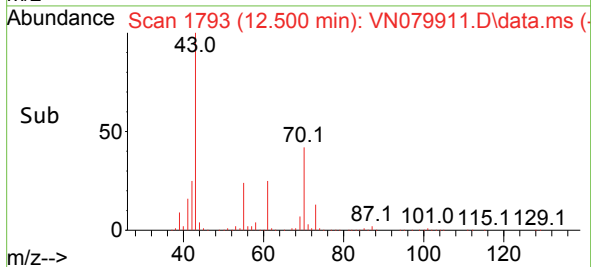
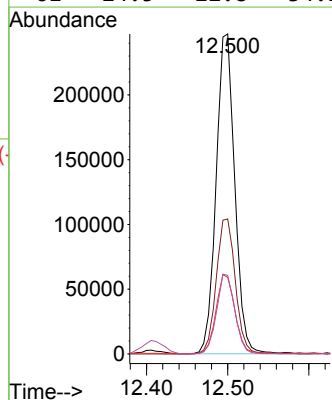
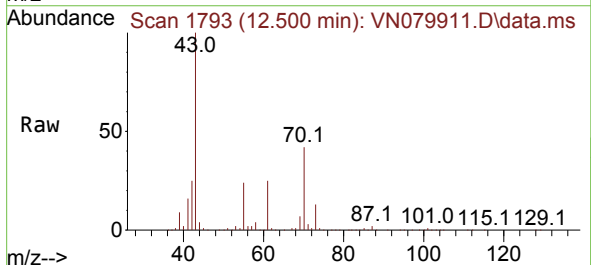
Instrument :
MSVOA_N
ClientSampleId :

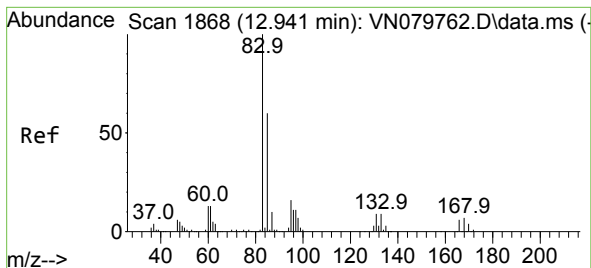
Tgt Ion:105 Resp: 940913
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 52.298 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 43 Resp: 394055
Ion Ratio Lower Upper
43 100
70 43.5 43.4 65.2
55 25.2 21.4 32.0
61 24.5 22.8 34.2





#75

1,1,2-Tetrachloroethane

Concen: 50.144 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

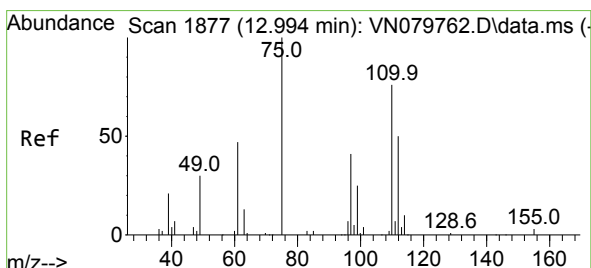
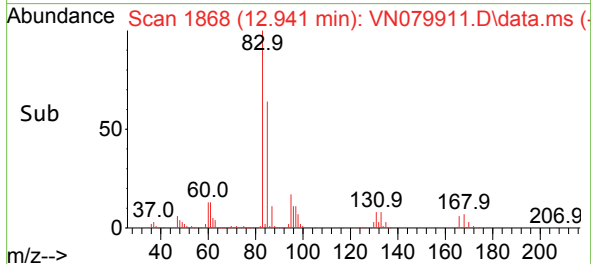
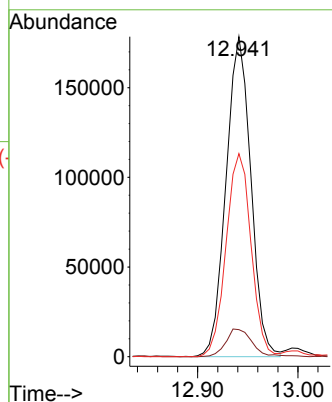
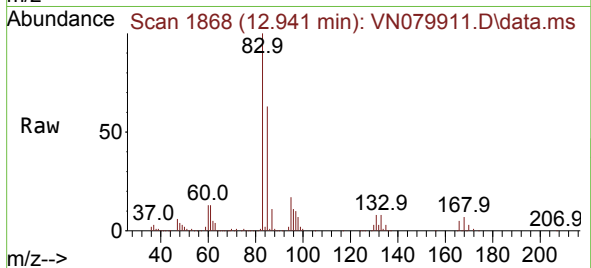
Tgt Ion: 83 Resp: 306901

Ion Ratio Lower Upper

83 100

131 9.2 5.0 15.0

85 63.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 74.140 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079911.D

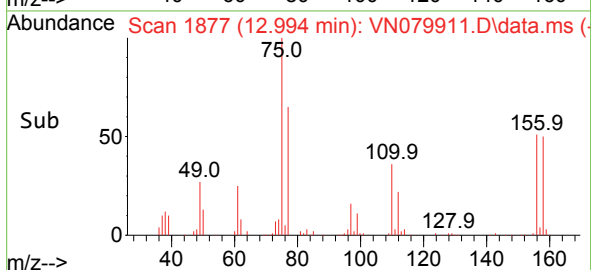
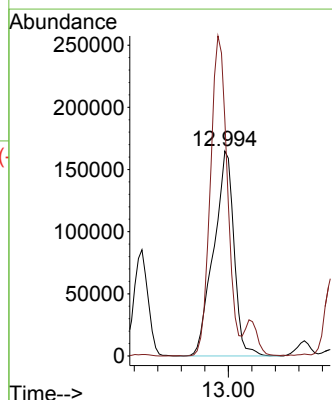
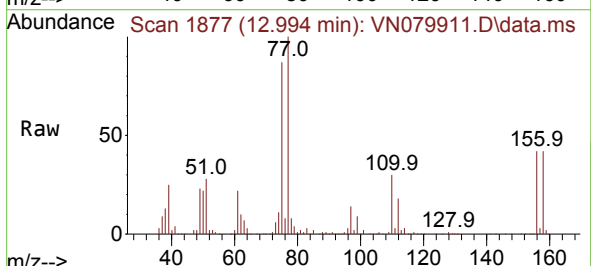
Acq: 04 Nov 2023 22:51

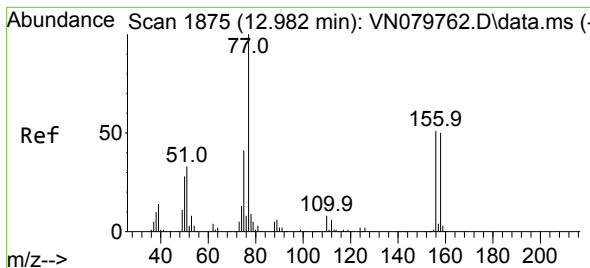
Tgt Ion: 75 Resp: 395900

Ion Ratio Lower Upper

75 100

77 130.7 84.5 253.5





#77

Bromobenzene

Concen: 52.808 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

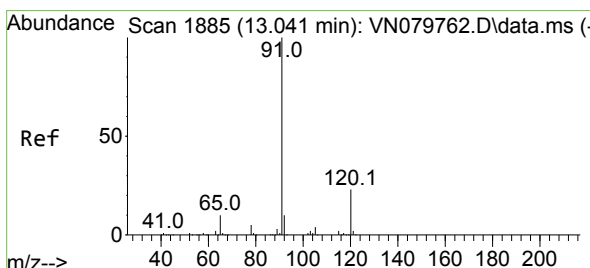
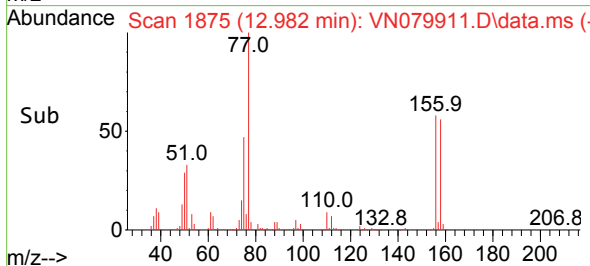
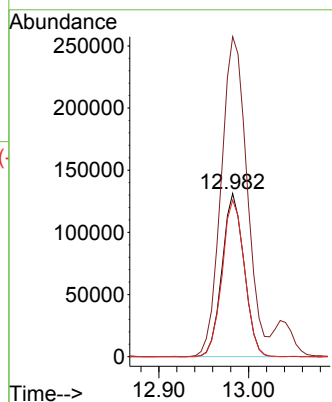
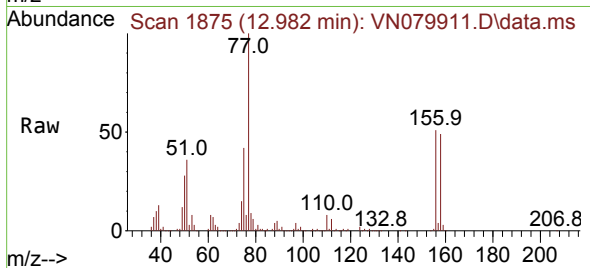
Tgt Ion:156 Resp: 223180

Ion Ratio Lower Upper

156 100

77 231.8 107.7 323.3

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 56.288 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079911.D

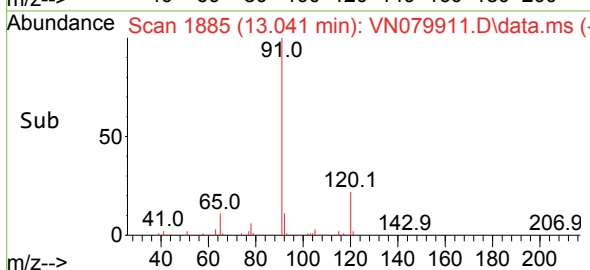
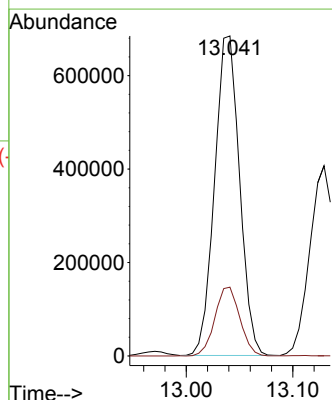
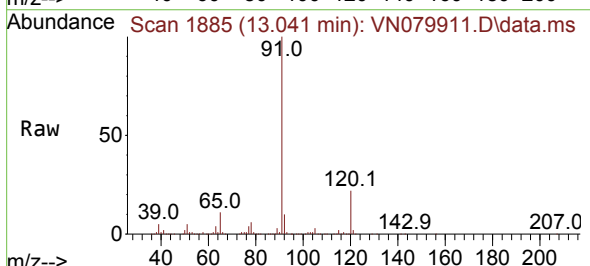
Acq: 04 Nov 2023 22:51

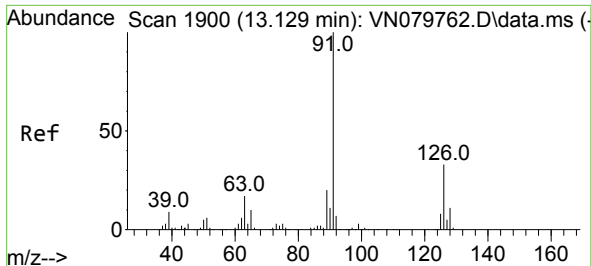
Tgt Ion: 91 Resp: 1112698

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

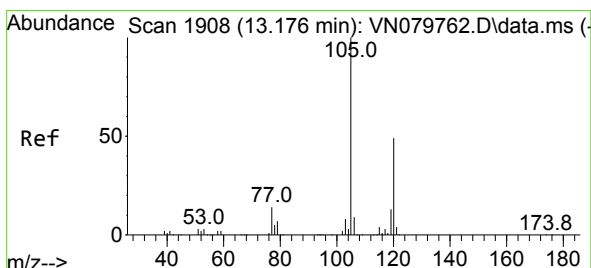
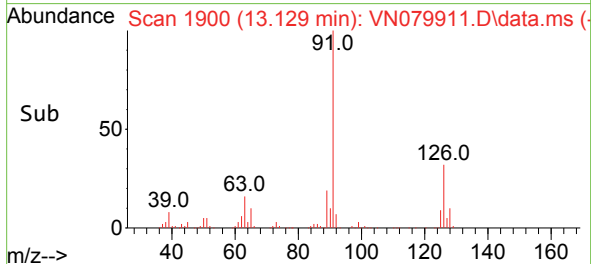
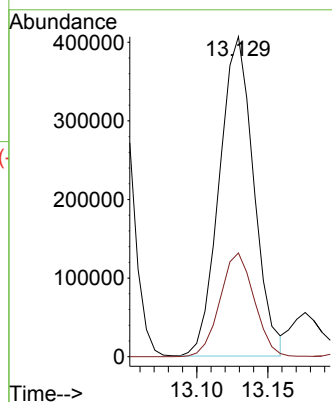
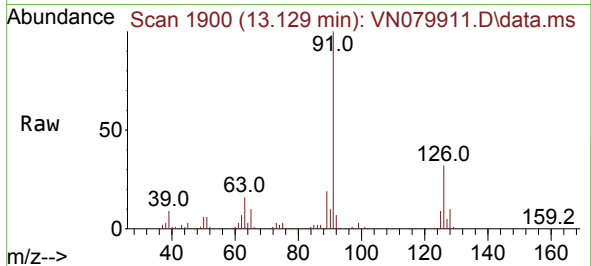




#79
2-Chlorotoluene
Concen: 54.325 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

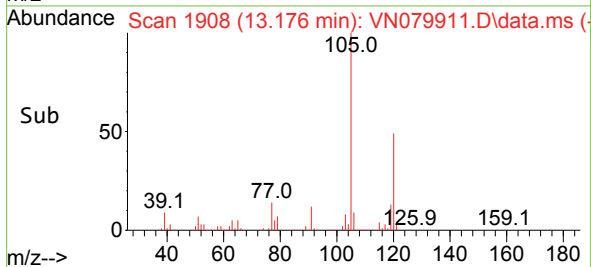
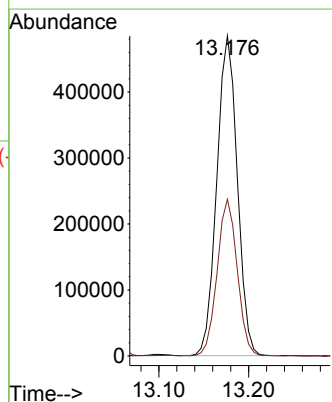
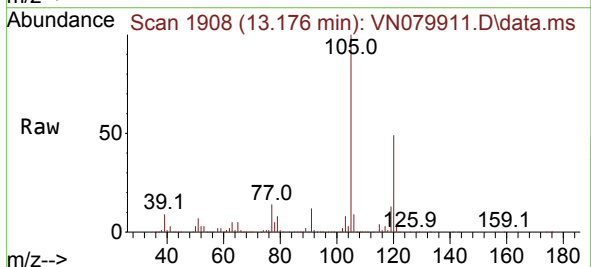
Instrument :
MSVOA_N
ClientSampleId :

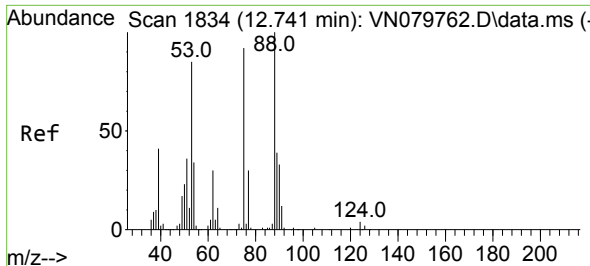
Tgt Ion: 91 Resp: 686034
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 57.258 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

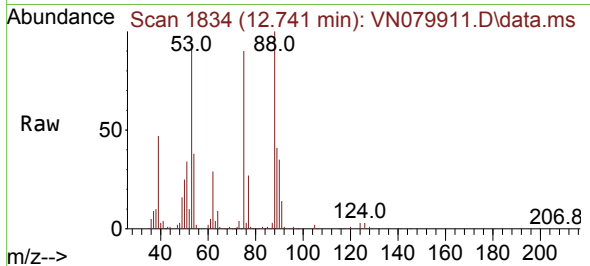
Tgt Ion:105 Resp: 769003
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3



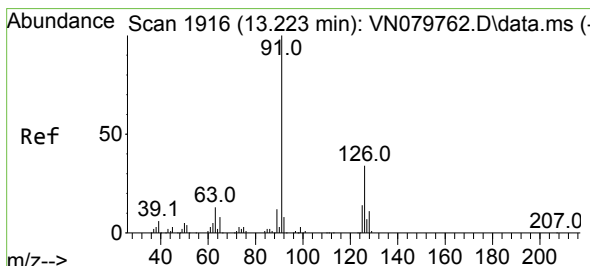
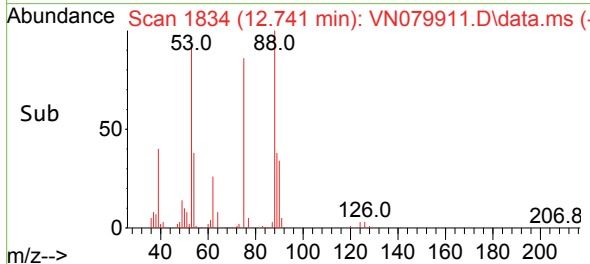
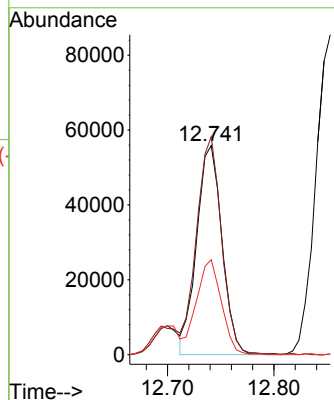


#81
trans-1,4-Dichloro-2-butene
Concen: 47.180 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Instrument :
MSVOA_N
ClientSampleId :

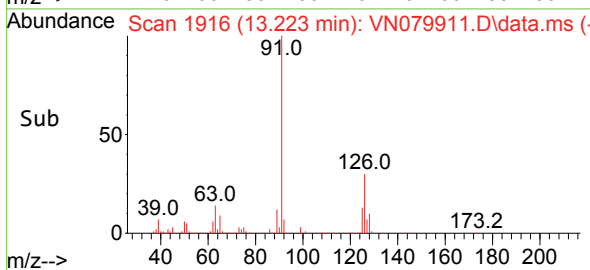
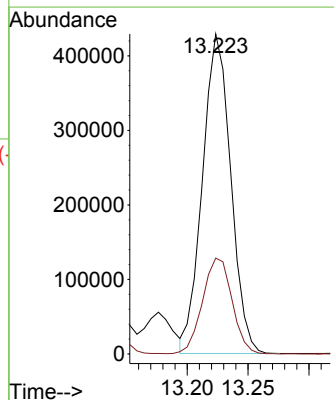
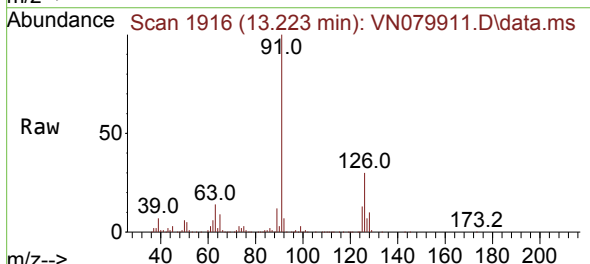


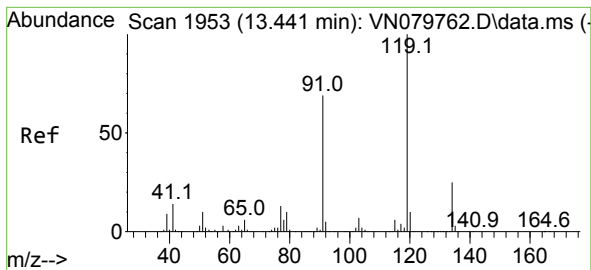
Tgt Ion: 75 Resp: 92598
Ion Ratio Lower Upper
75 100
53 102.2 67.4 101.2#
89 45.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 55.335 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion: 91 Resp: 694385
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 57.039 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

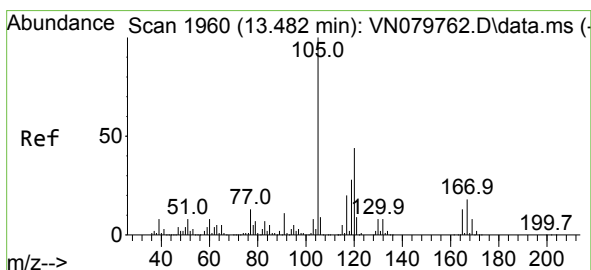
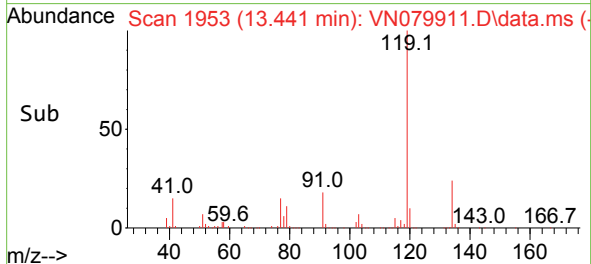
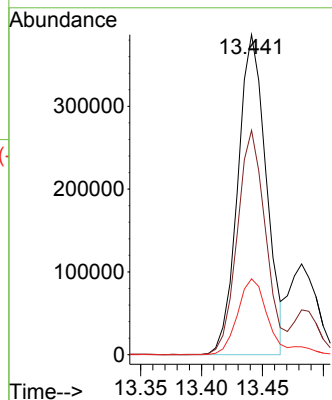
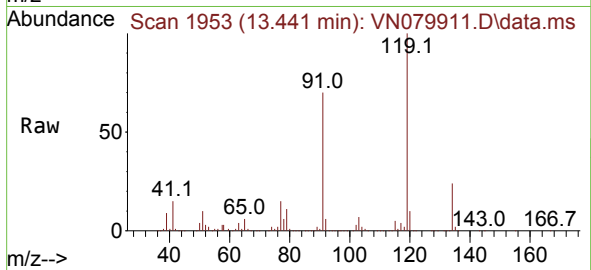
Tgt Ion:119 Resp: 627061

Ion Ratio Lower Upper

119 100

91 70.3 33.9 101.7

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 59.155 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079911.D

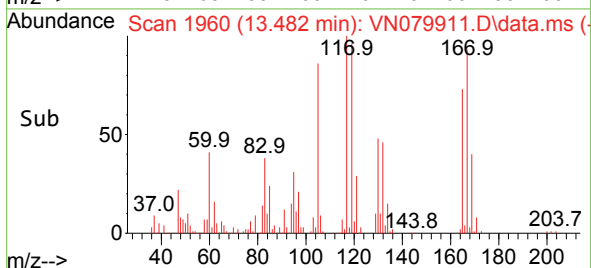
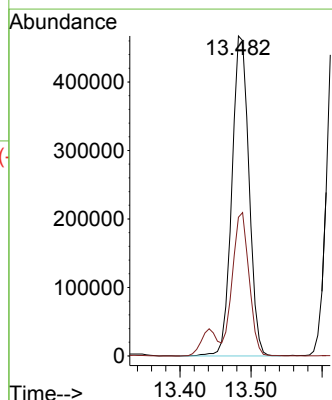
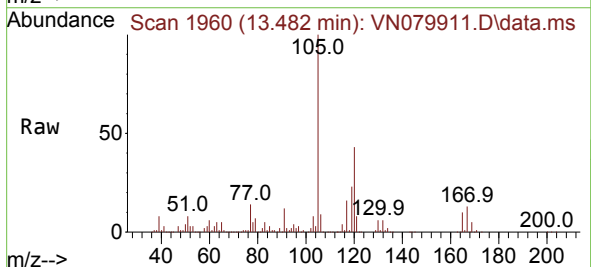
Acq: 04 Nov 2023 22:51

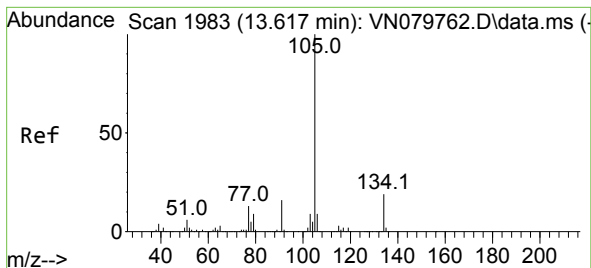
Tgt Ion:105 Resp: 781665

Ion Ratio Lower Upper

105 100

120 43.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 58.061 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

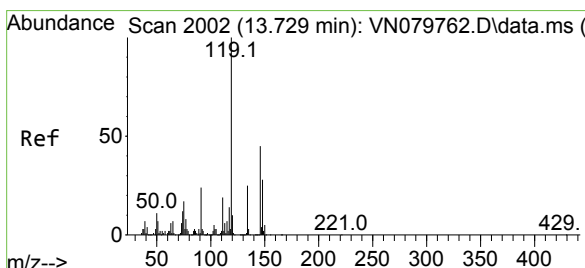
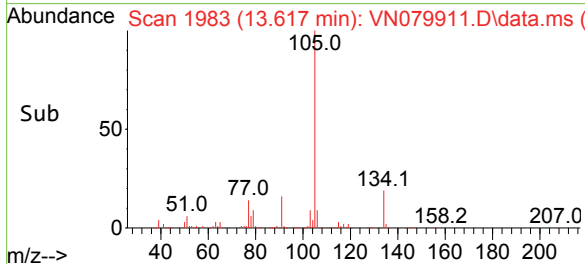
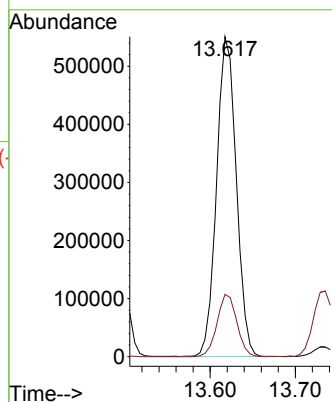
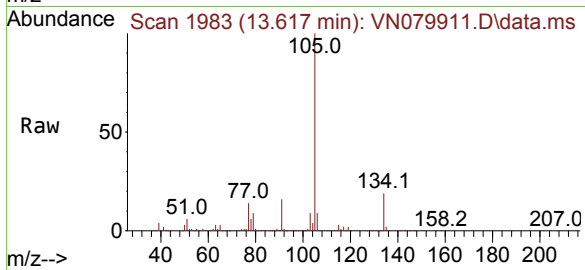
ClientSampleId :

Tgt Ion:105 Resp: 884340

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 58.758 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

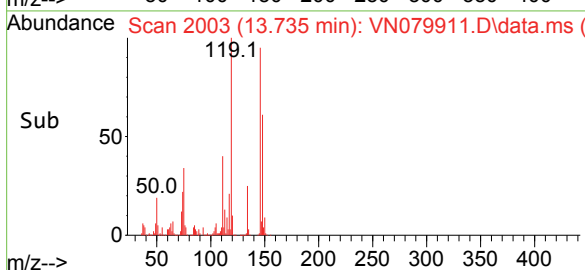
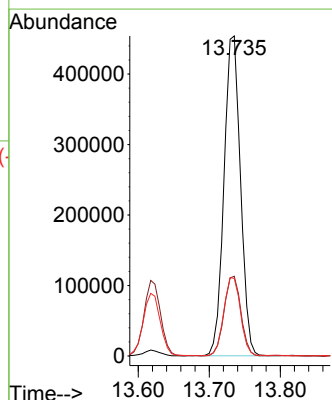
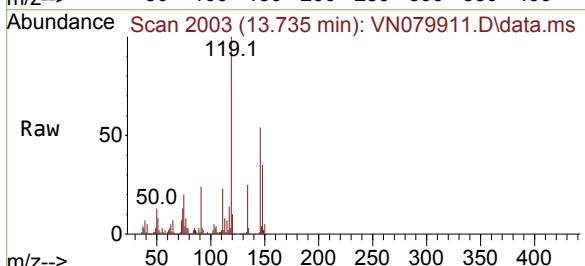
Tgt Ion:119 Resp: 729664

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 24.8 12.4 37.2

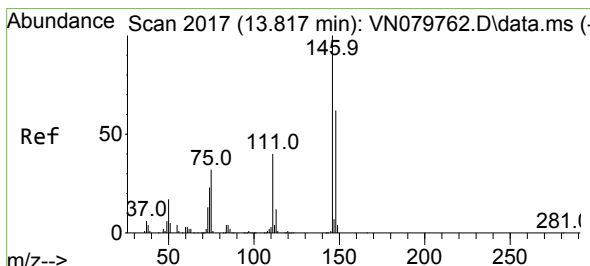
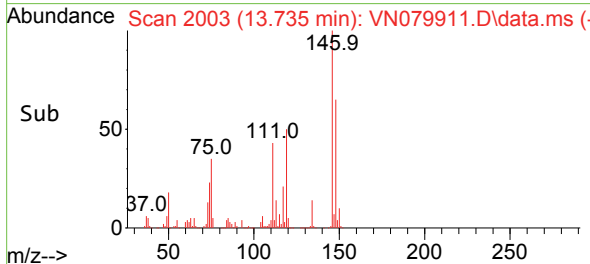
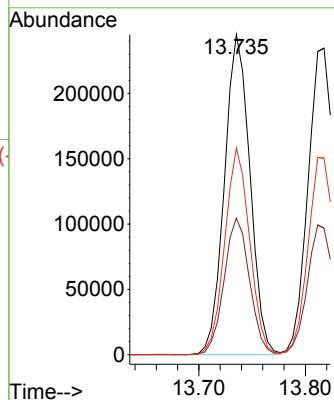
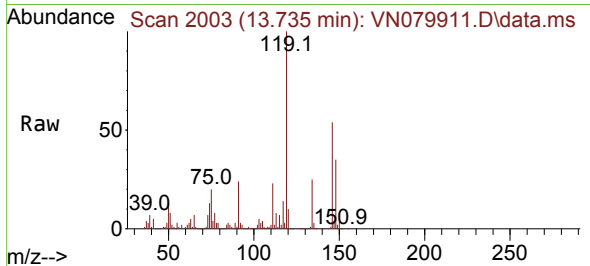




#87
1,3-Dichlorobenzene
Concen: 51.931 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

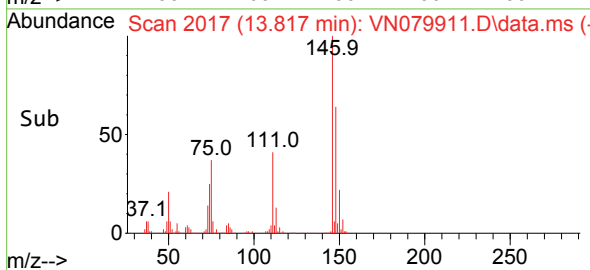
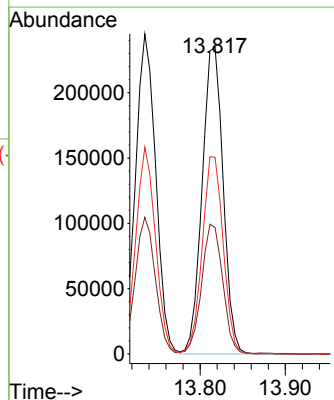
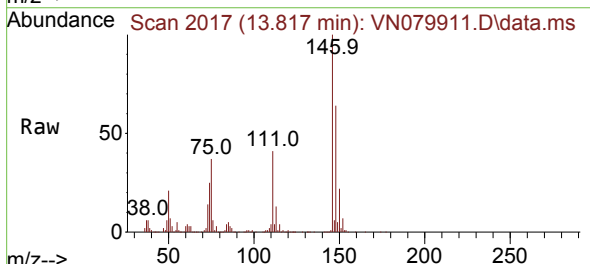
Instrument :
MSVOA_N
ClientSampleId :

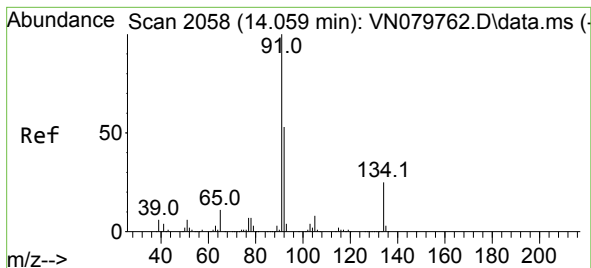
Tgt Ion:146 Resp: 408280
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.3
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.439 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079911.D
Acq: 04 Nov 2023 22:51

Tgt Ion:146 Resp: 402509
Ion Ratio Lower Upper
146 100
111 42.3 20.6 61.8
148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 58.454 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

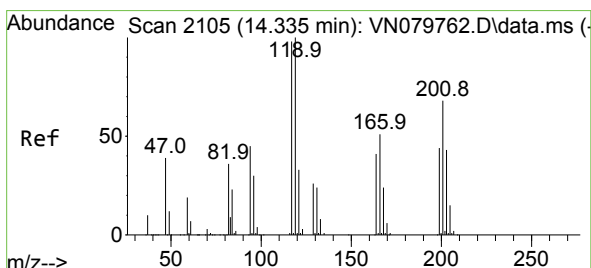
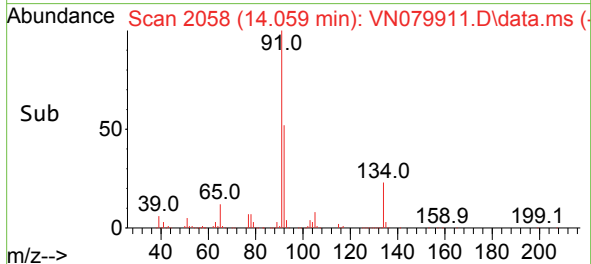
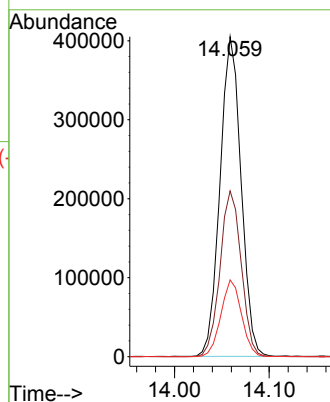
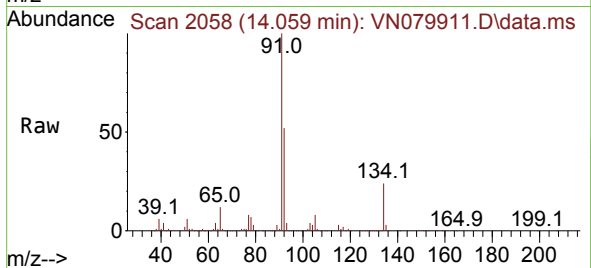
Tgt Ion: 91 Resp: 625199

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.0

134 23.6 12.6 37.6



#90

Hexachloroethane

Concen: 53.351 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079911.D

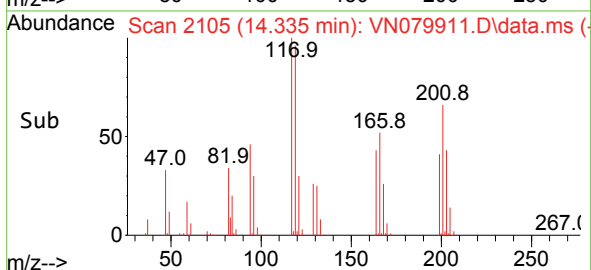
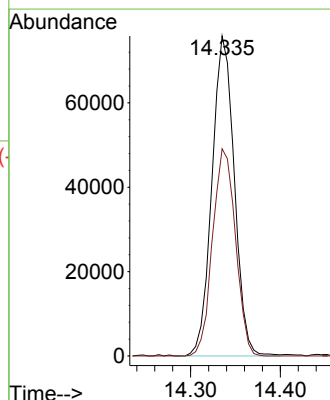
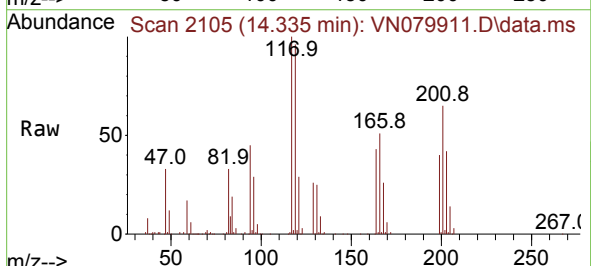
Acq: 04 Nov 2023 22:51

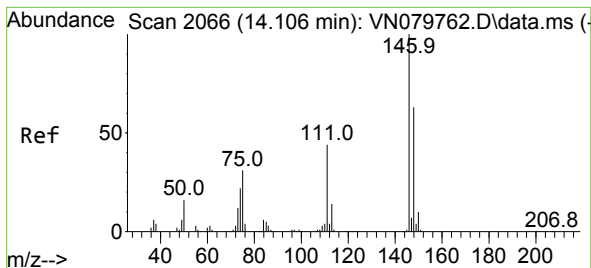
Tgt Ion: 117 Resp: 131207

Ion Ratio Lower Upper

117 100

201 66.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 53.241 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :

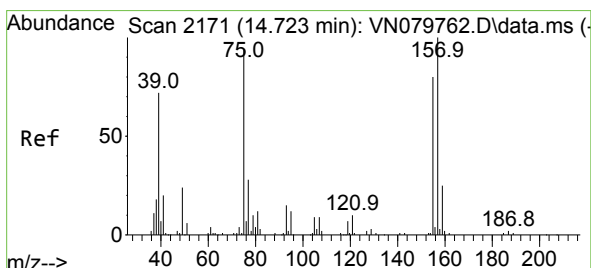
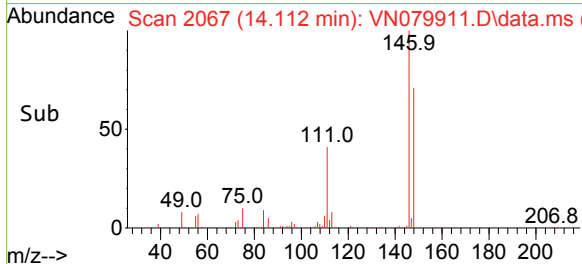
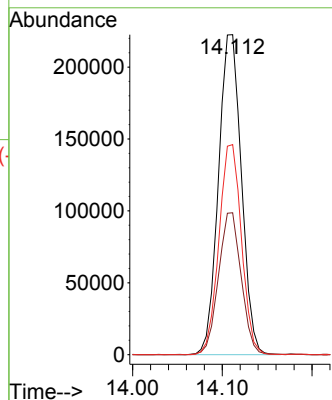
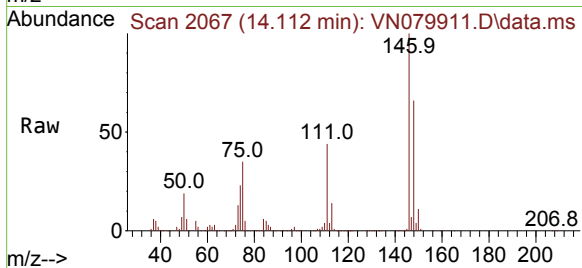
Tgt Ion:146 Resp: 395145

Ion Ratio Lower Upper

146 100

111 44.0 22.0 66.0

148 64.5 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.963 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

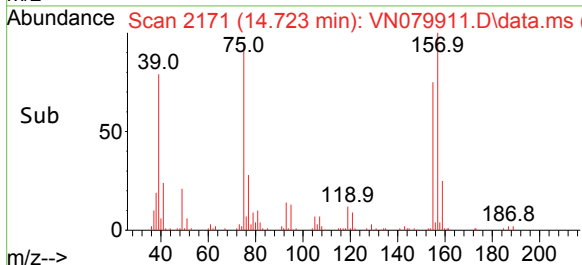
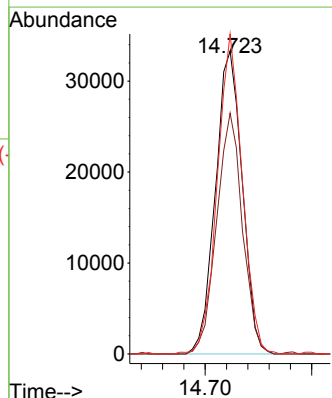
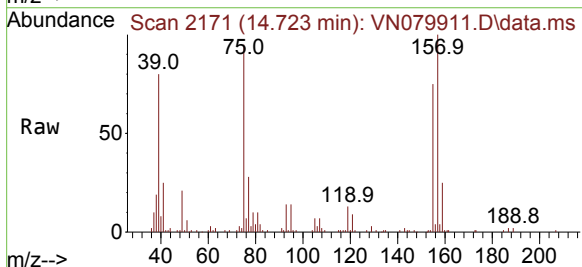
Tgt Ion: 75 Resp: 58085

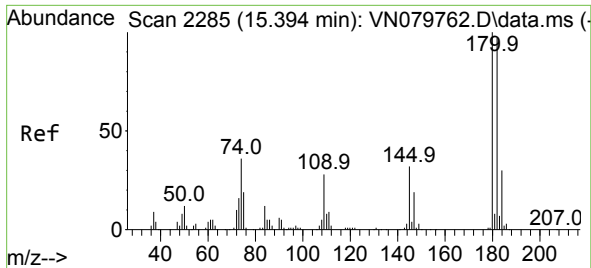
Ion Ratio Lower Upper

75 100

155 76.7 39.1 117.2

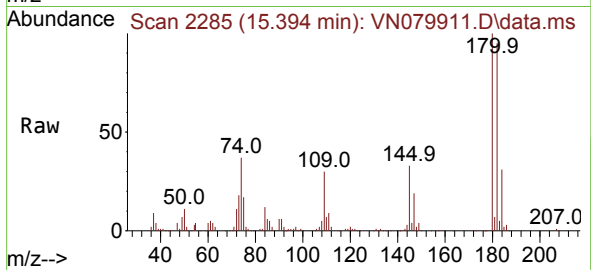
157 98.3 50.3 150.9



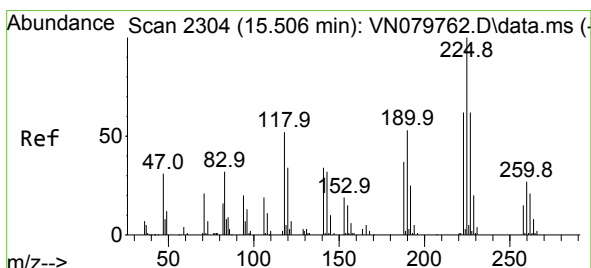
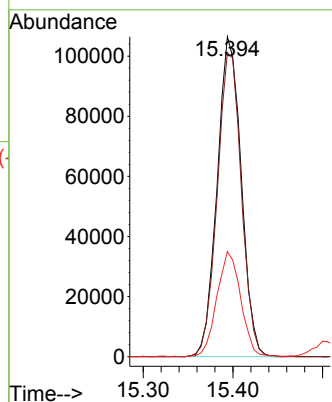
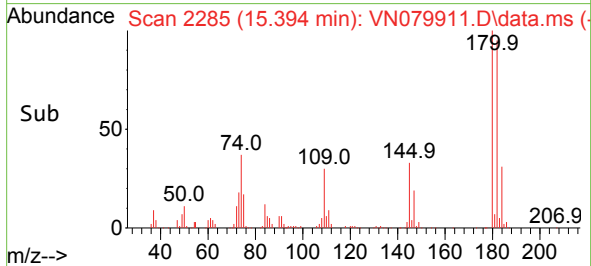


#93
 1,2,4-Trichlorobenzene
 Concen: 56.077 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079911.D
 Acq: 04 Nov 2023 22:51

Instrument :
 MSVOA_N
 ClientSampleId :

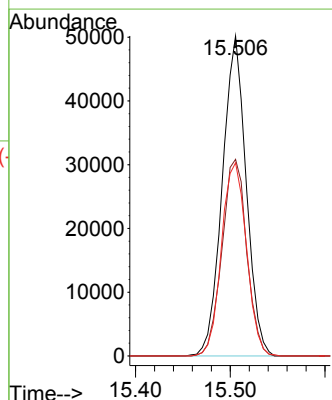
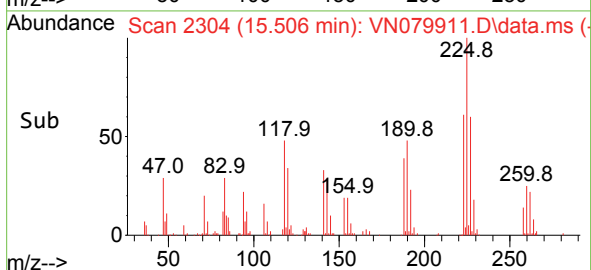
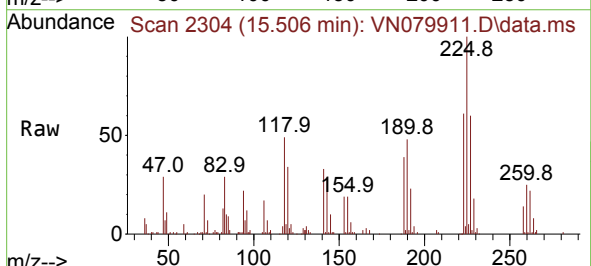


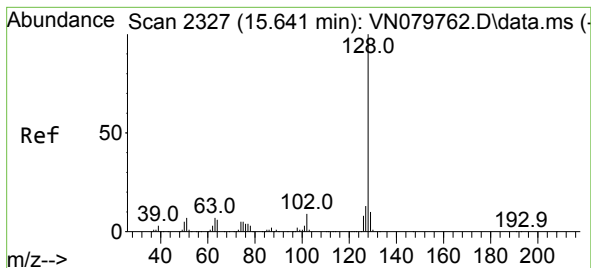
Tgt Ion:180 Resp: 197893
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.1 138.2
 145 32.7 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 54.973 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079911.D
 Acq: 04 Nov 2023 22:51

Tgt Ion:225 Resp: 87944
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.3 93.8
 227 63.1 31.9 95.9





#95

Naphthalene

Concen: 54.970 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

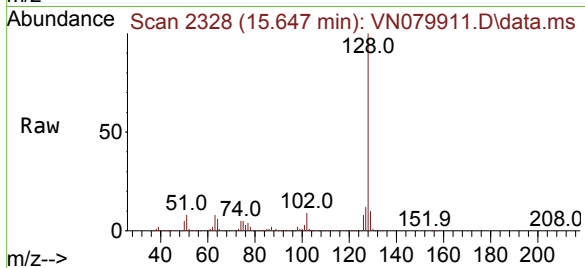
Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Instrument :

MSVOA_N

ClientSampleId :



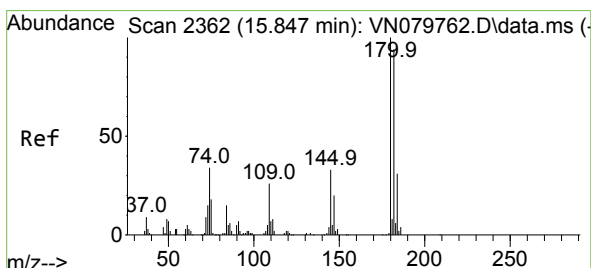
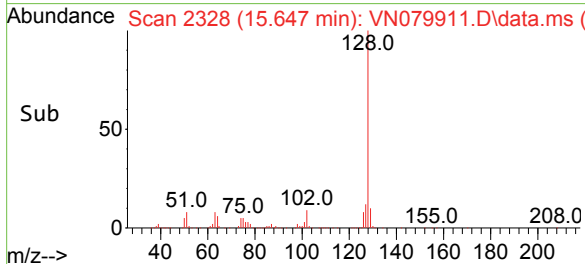
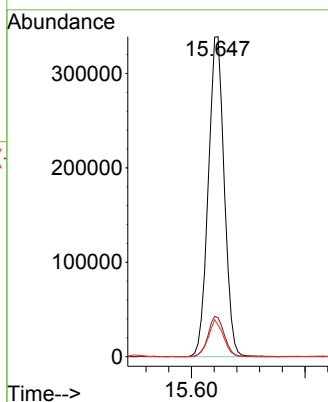
Tgt Ion:128 Resp: 657867

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.436 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079911.D

Acq: 04 Nov 2023 22:51

Tgt Ion:180 Resp: 191765

Ion Ratio Lower Upper

180 100

182 95.7 46.2 138.6

145 34.0 17.5 52.6

