

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079610.D
 Acq On : 19 Oct 2023 11:28
 Operator : JC\MD
 Sample : VN1019WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 01:26:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	282673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	482595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	438567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181407	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229099	49.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.980%
35) Dibromofluoromethane	8.171	113	184148	53.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.200%
50) Toluene-d8	10.571	98	694091	55.312	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.620%
62) 4-Bromofluorobenzene	12.853	95	218165	54.174	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	78494	19.379	ug/l	97
3) Chloromethane	2.365	50	87232	17.260	ug/l	97
4) Vinyl Chloride	2.518	62	101225	19.255	ug/l	97
5) Bromomethane	2.954	94	57420	18.245	ug/l	99
6) Chloroethane	3.118	64	67145	16.941	ug/l	99
7) Trichlorofluoromethane	3.495	101	123432	19.886	ug/l	94
8) Diethyl Ether	3.965	74	44901	20.291	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	71421	19.690	ug/l	98
10) Methyl Iodide	4.595	142	71960	22.862	ug/l	99
11) Tert butyl alcohol	5.518	59	53726	77.884	ug/l	99
12) 1,1-Dichloroethene	4.342	96	62568	18.734	ug/l #	81
13) Acrolein	4.177	56	51150	74.468	ug/l	99
14) Allyl chloride	5.030	41	97304	18.054	ug/l #	86
15) Acrylonitrile	5.724	53	188431	94.219	ug/l	99
16) Acetone	4.430	43	189171	104.060	ug/l	96
17) Carbon Disulfide	4.718	76	178923	17.175	ug/l	98
18) Methyl Acetate	5.030	43	157704	17.724	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	218735	20.157	ug/l	95
20) Methylene Chloride	5.283	84	81823	20.195	ug/l #	77
21) trans-1,2-Dichloroethene	5.794	96	74095	18.995	ug/l	86
22) Diisopropyl ether	6.677	45	251202	20.785	ug/l #	90
23) Vinyl Acetate	6.606	43	663777	97.642	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	146927	19.864	ug/l	99
25) 2-Butanone	7.489	43	255409	94.661	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	117354	20.761	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	84411	19.919	ug/l	88
28) Bromochloromethane	7.812	49	62886	17.869	ug/l #	73
29) Tetrahydrofuran	7.841	42	164409	94.216	ug/l #	75
30) Chloroform	7.971	83	149657	20.026	ug/l	94
31) Cyclohexane	8.265	56	120125	18.477	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	130139	20.693	ug/l	96
36) 1,1-Dichloropropene	8.377	75	109024	20.946	ug/l	95
37) Ethyl Acetate	7.565	43	104249	20.128	ug/l #	91
38) Carbon Tetrachloride	8.365	117	108480	20.818	ug/l	98
39) Methylcyclohexane	9.606	83	96304	19.257	ug/l #	85
40) Benzene	8.612	78	321363	20.789	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52176	19.162	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	116298	20.705	ug/l	99
43) Isopropyl Acetate	8.694	43	162437	17.902	ug/l #	91
44) Trichloroethene	9.359	130	75079	20.635	ug/l	100
45) 1,2-Dichloropropane	9.624	63	88024	21.612	ug/l	97
46) Dibromomethane	9.712	93	56757	21.516	ug/l	96
47) Bromodichloromethane	9.894	83	118123	21.769	ug/l	99
48) Methyl methacrylate	9.688	41	78931	20.299	ug/l #	79
49) 1,4-Dioxane	9.700	88	26290	367.069	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	518771	101.279	ug/l	89
52) Toluene	10.635	92	197431	21.697	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	116712	21.344	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	128743	21.507	ug/l #	89
55) 1,1,2-Trichloroethane	11.024	97	80497	22.035	ug/l	96
56) Ethyl methacrylate	10.877	69	108052	21.525	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	138614	21.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	104834	54.532	ug/l #	87
59) 2-Hexanone	11.200	43	381416	103.191	ug/l	85
60) Dibromochloromethane	11.365	129	81358	22.160	ug/l	100
61) 1,2-Dibromoethane	11.471	107	77676	21.426	ug/l	95
64) Tetrachloroethene	11.106	164	65432	21.688	ug/l	96
65) Chlorobenzene	11.894	112	204188	20.906	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	75425	21.091	ug/l	98
67) Ethyl Benzene	11.971	91	365766	21.546	ug/l	96
68) m/p-Xylenes	12.071	106	273823	44.393	ug/l	96
69) o-Xylene	12.400	106	132272	21.805	ug/l	96
70) Styrene	12.418	104	216964	22.644	ug/l	100
71) Bromoform	12.582	173	52357	20.004	ug/l #	99
73) Isopropylbenzene	12.700	105	334345	19.811	ug/l	98
74) N-amyl acetate	12.500	43	125510	18.140	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	113341	20.080	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	135392	25.885	ug/l	72
77) Bromobenzene	12.988	156	78236	18.906	ug/l	95
78) n-propylbenzene	13.041	91	398120	20.850	ug/l	97
79) 2-Chlorotoluene	13.129	91	236431	19.350	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	277205	20.830	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31404	17.421	ug/l #	73
82) 4-Chlorotoluene	13.223	91	238072	20.476	ug/l	97
83) tert-Butylbenzene	13.441	119	223740	20.520	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	270964	21.335	ug/l	99
85) sec-Butylbenzene	13.618	105	311364	20.473	ug/l	99
86) p-Isopropyltoluene	13.735	119	247866	21.245	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	134621	20.511	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	130474	19.252	ug/l	98
89) n-Butylbenzene	14.059	91	192077	20.616	ug/l	97
90) Hexachloroethane	14.335	117	49400	20.234	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	124346	19.422	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16385	16.790	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	34745	17.523	ug/l	99
94) Hexachlorobutadiene	15.506	225	30764	19.921	ug/l	98
95) Naphthalene	15.647	128	85864	14.181	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	38016	16.066	ug/l	97

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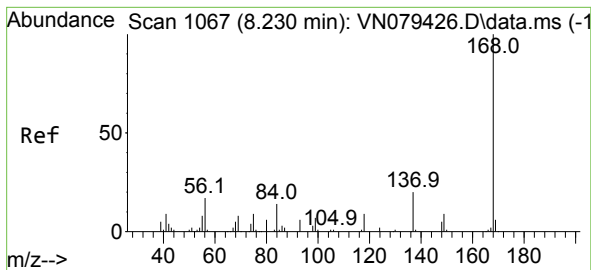
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

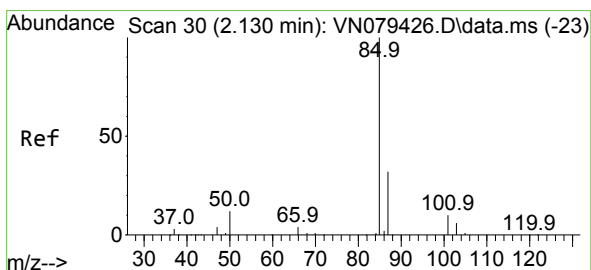
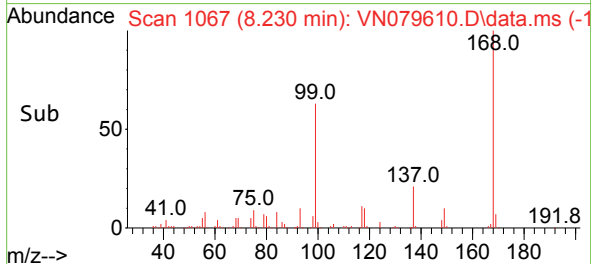
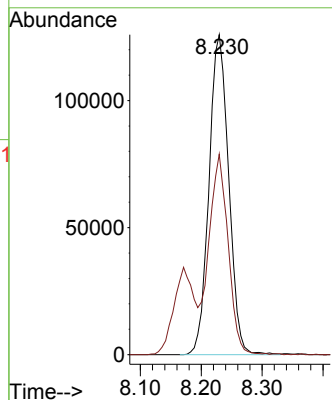
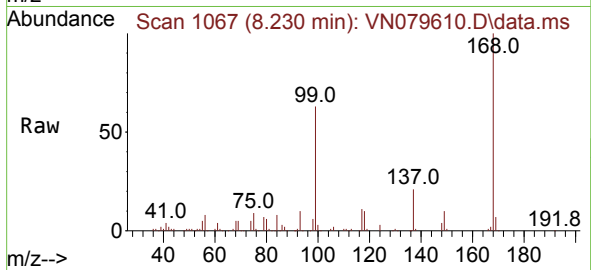
ClientSampleId :

Tgt Ion:168 Resp: 282673

Ion Ratio Lower Upper

168 100

99 62.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.379 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.000 min

Lab File: VN079610.D

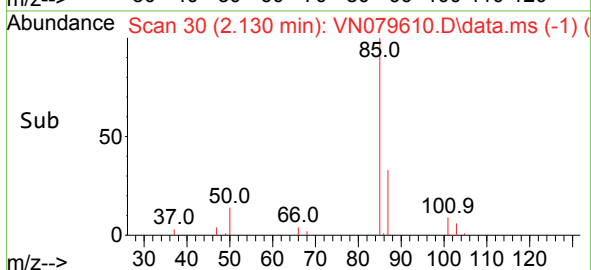
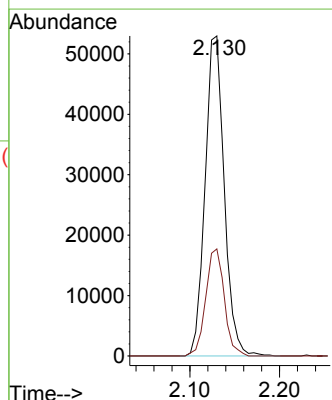
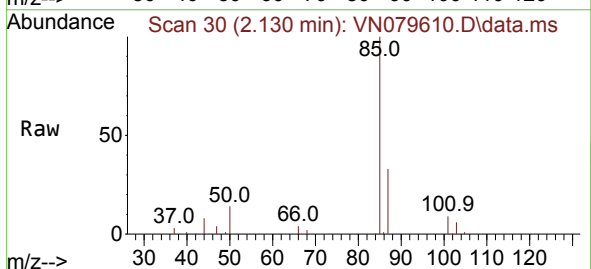
Acq: 19 Oct 2023 11:28

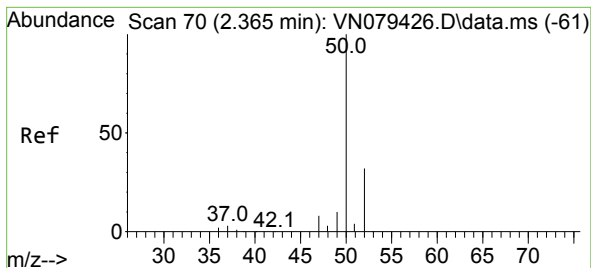
Tgt Ion: 85 Resp: 78494

Ion Ratio Lower Upper

85 100

87 33.4 15.8 47.4





#3

Chloromethane

Concen: 17.260 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

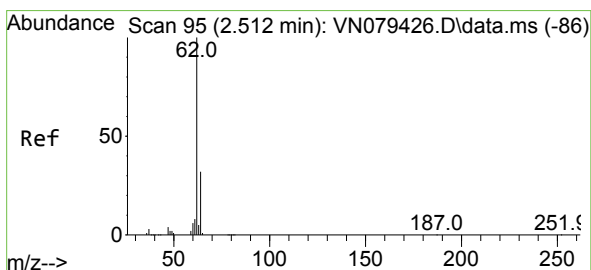
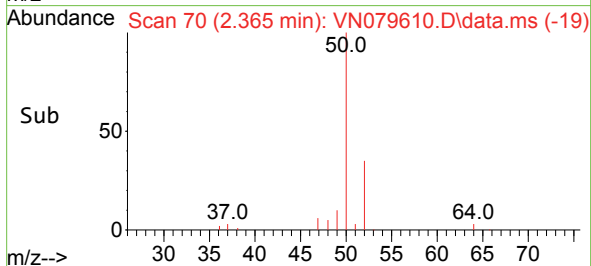
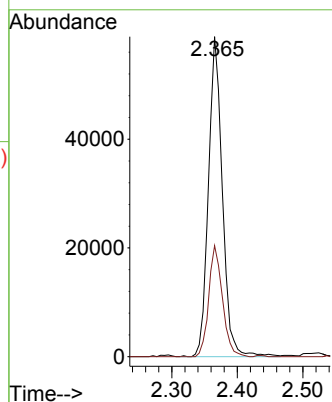
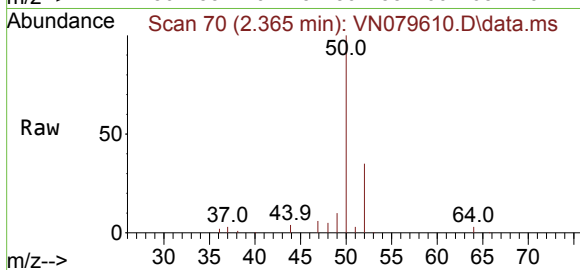
ClientSampleId :

Tgt Ion: 50 Resp: 87232

Ion Ratio Lower Upper

50 100

52 34.7 26.5 39.7



#4

Vinyl Chloride

Concen: 19.255 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079610.D

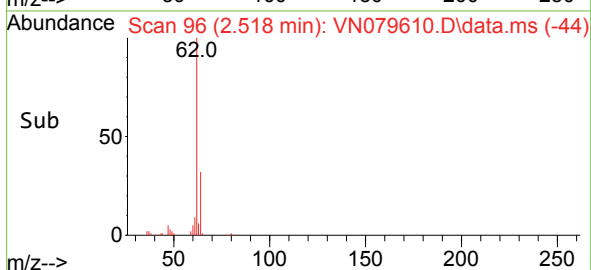
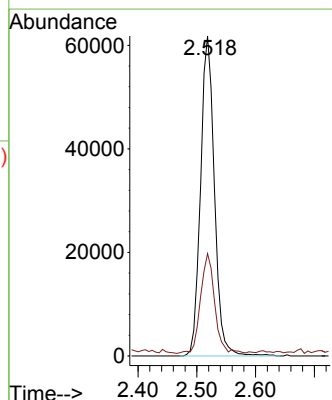
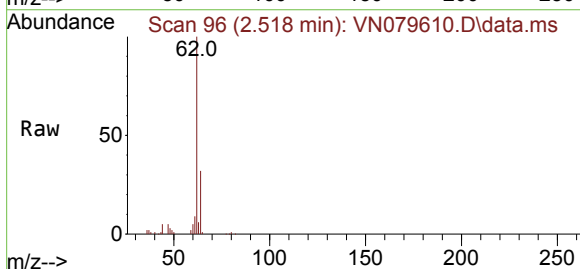
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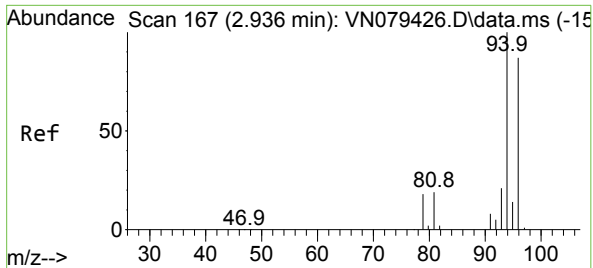
Tgt Ion: 62 Resp: 101225

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.2

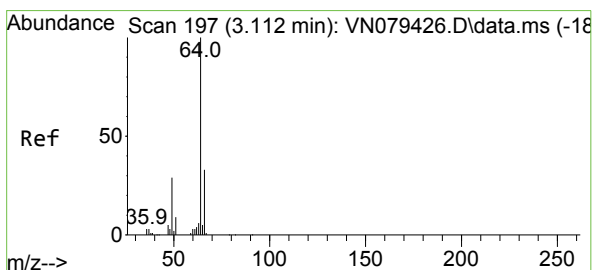
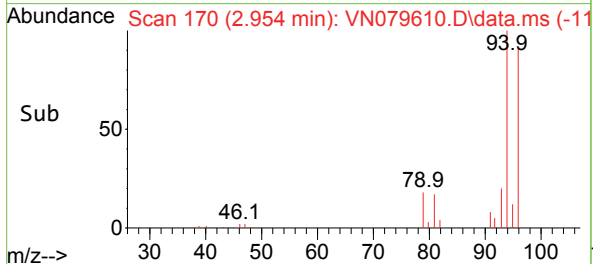
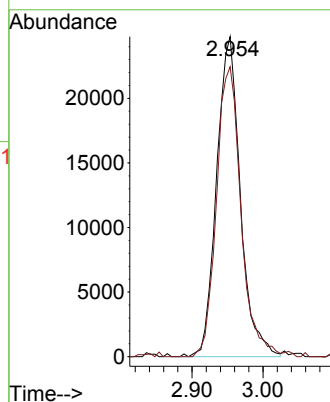
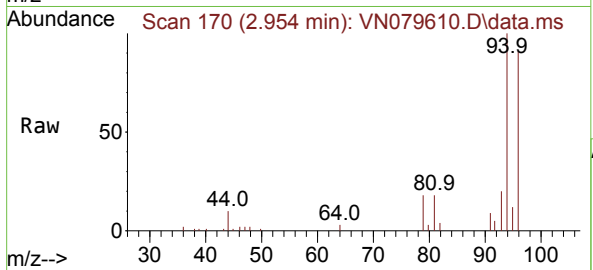




#5
Bromomethane
Concen: 18.245 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079610.D
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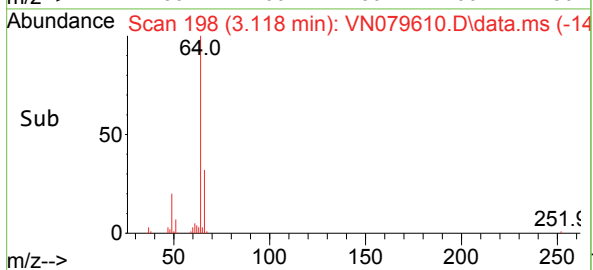
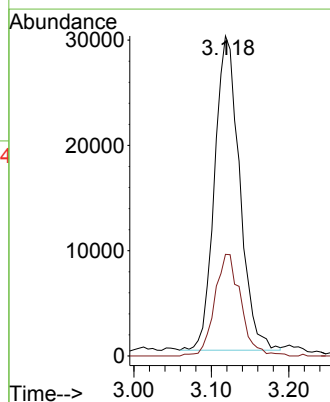
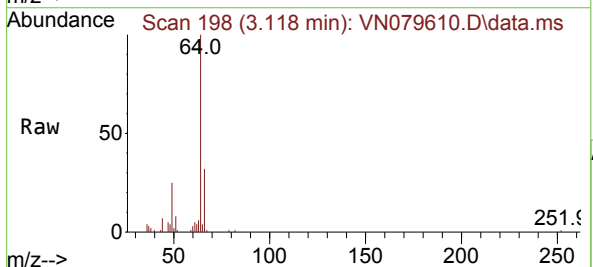
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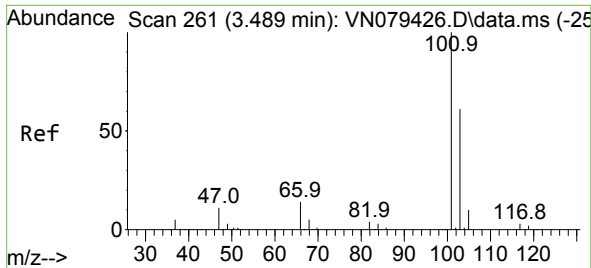
Tgt Ion: 94 Resp: 57420
Ion Ratio Lower Upper
94 100
96 90.6 73.1 109.7



#6
Chloroethane
Concen: 16.941 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 64 Resp: 67145
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.2

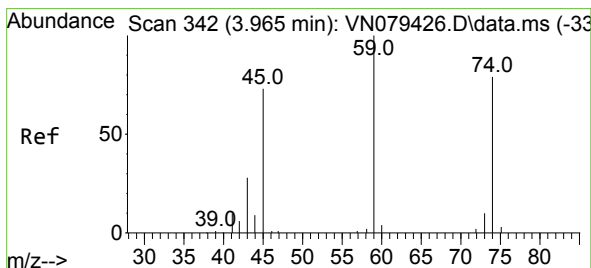
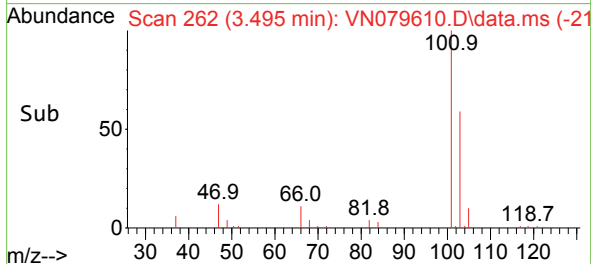
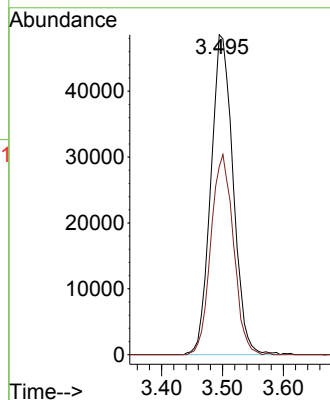
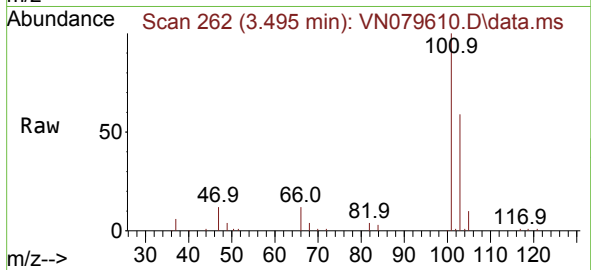




#7
 Trichlorofluoromethane
 Concen: 19.886 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

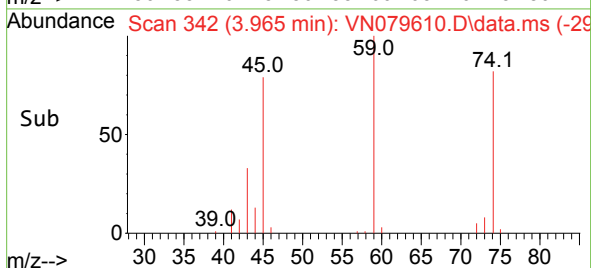
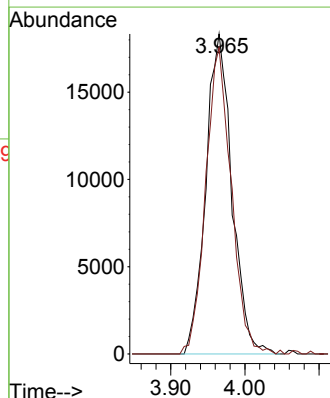
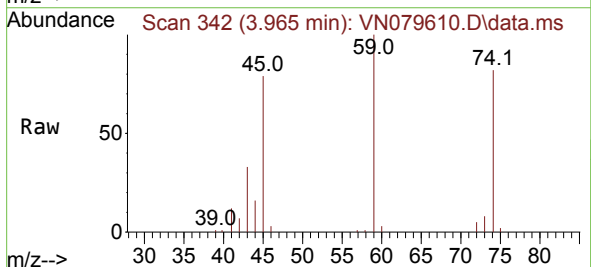
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 123432
 Ion Ratio Lower Upper
 101 100
 103 58.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.291 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

Tgt Ion: 74 Resp: 44901
 Ion Ratio Lower Upper
 74 100
 45 93.6 34.4 103.3

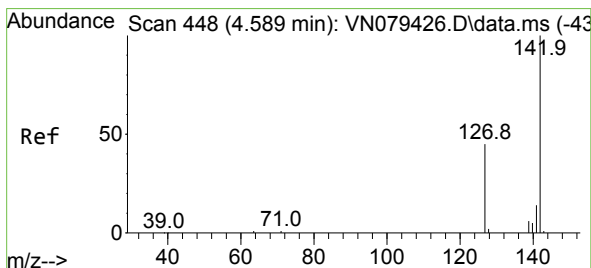
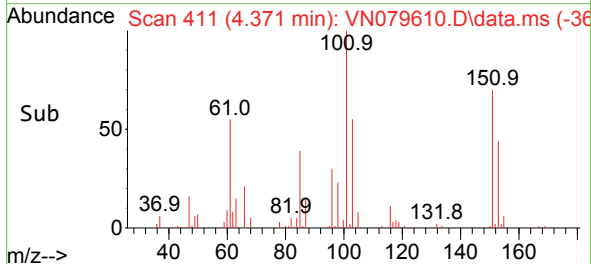
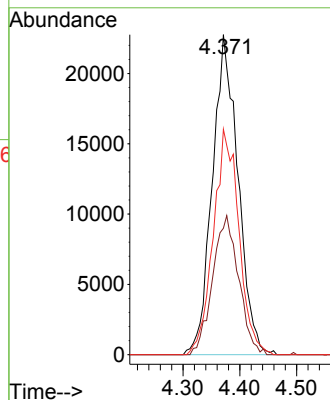
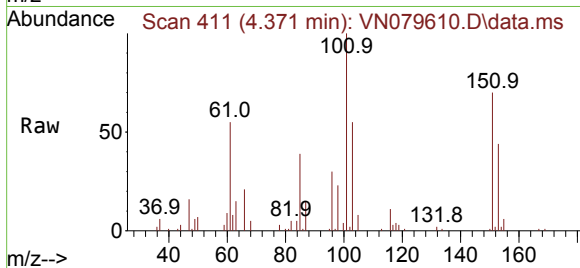




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.690 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079610.D
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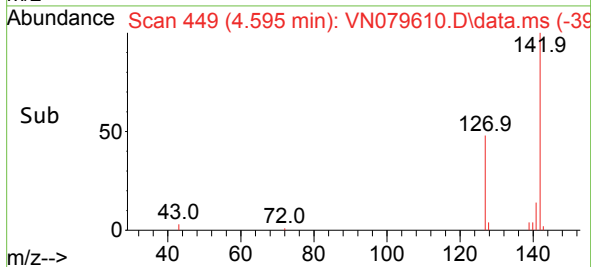
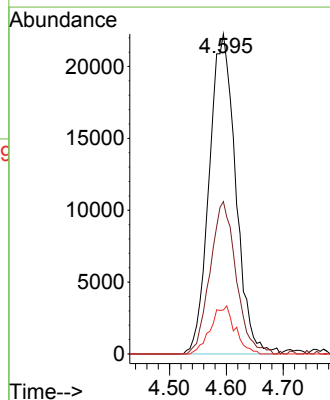
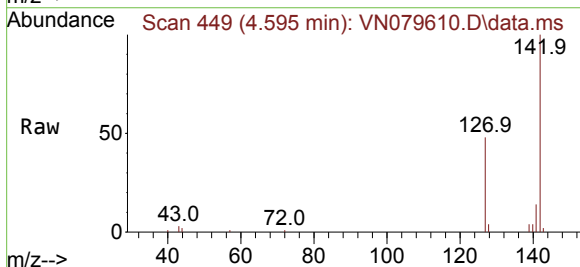
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 71421
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 70.2 57.6 86.4



#10
Methyl Iodide
Concen: 22.862 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion:142 Resp: 71960
Ion Ratio Lower Upper
142 100
127 47.6 37.6 56.4
141 13.7 11.4 17.0

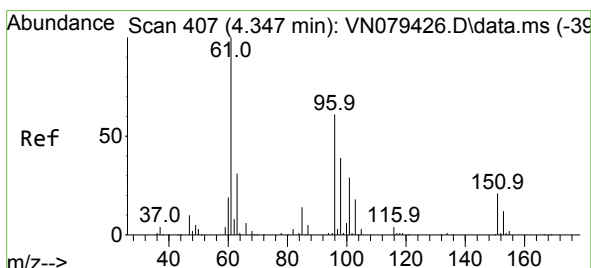
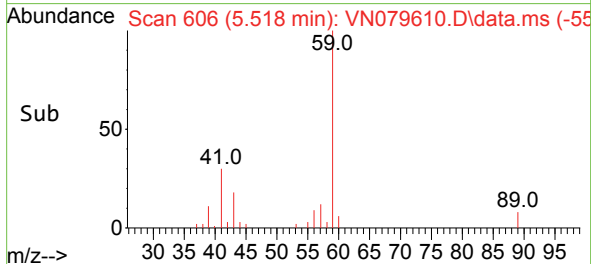
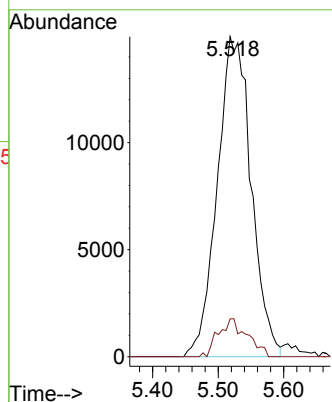
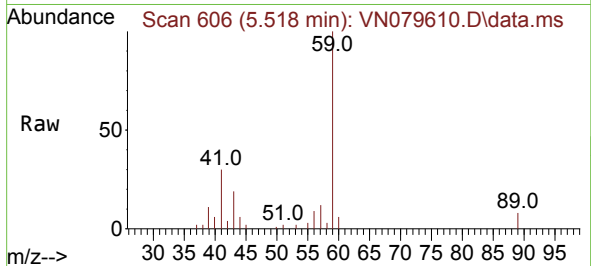




#11
Tert butyl alcohol
Concen: 77.884 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

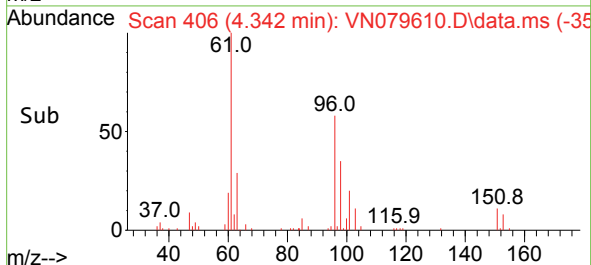
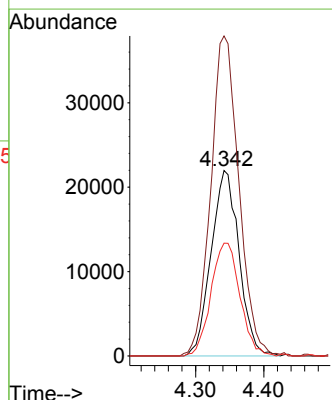
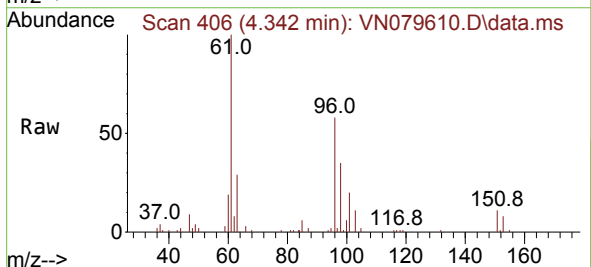
Instrument :
MSVOA_N
ClientSampleId :

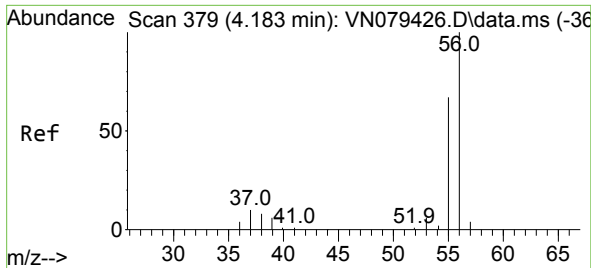
Tgt Ion: 59 Resp: 53726
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.734 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 96 Resp: 62568
Ion Ratio Lower Upper
96 100
61 172.6 112.7 169.1#
98 60.8 51.2 76.8

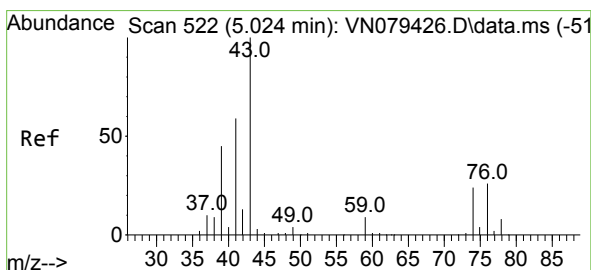
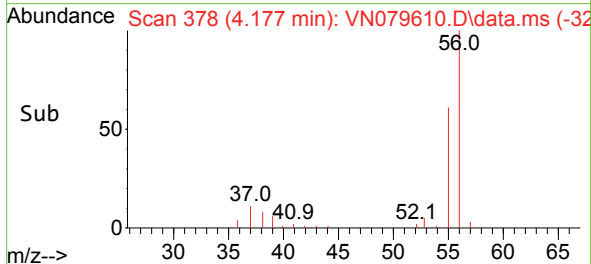
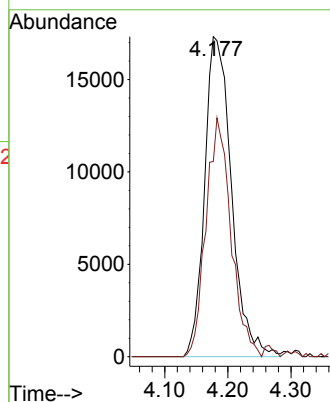
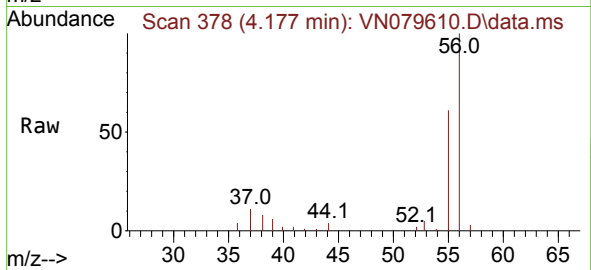




#13
Acrolein
Concen: 74.468 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

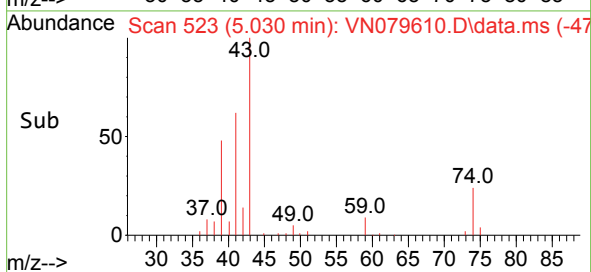
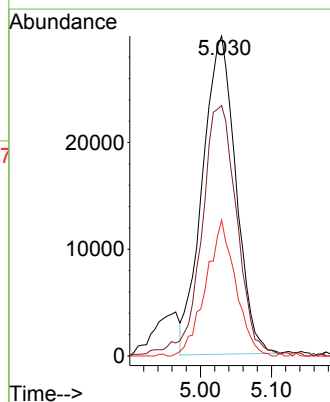
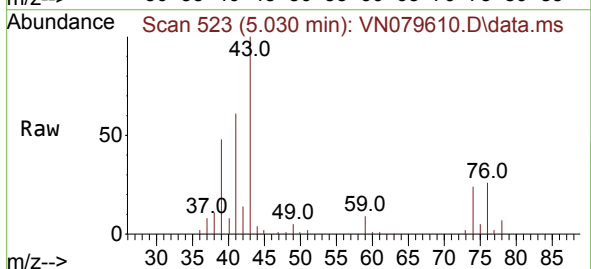
Instrument :
MSVOA_N
ClientSampleId :

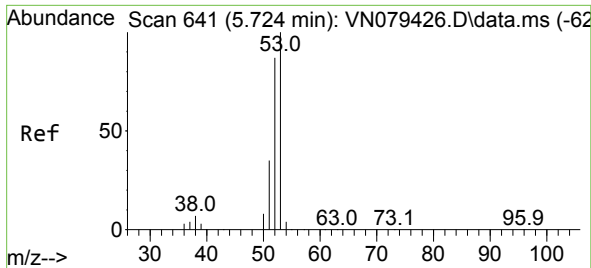
Tgt Ion: 56 Resp: 51150
Ion Ratio Lower Upper
56 100
55 69.3 54.5 81.7



#14
Allyl chloride
Concen: 18.054 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 41 Resp: 97304
Ion Ratio Lower Upper
41 100
39 83.7 58.8 88.2
76 38.2 39.1 58.7#

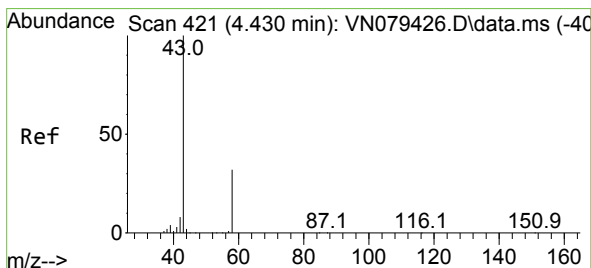
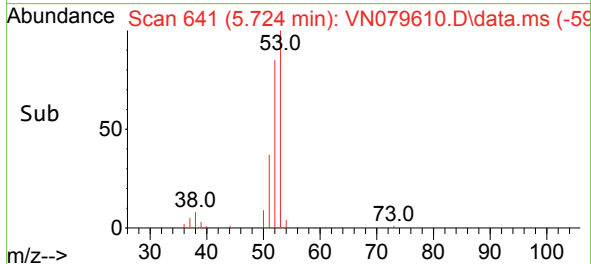
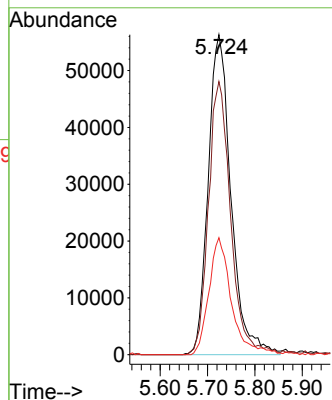
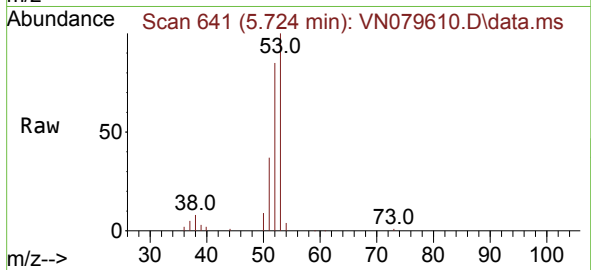




#15
Acrylonitrile
Concen: 94.219 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

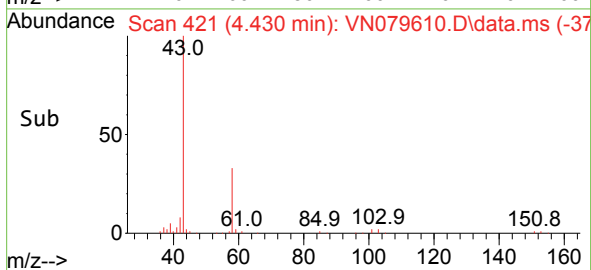
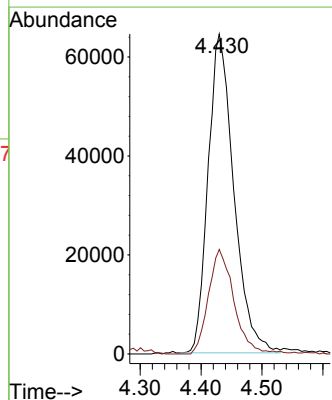
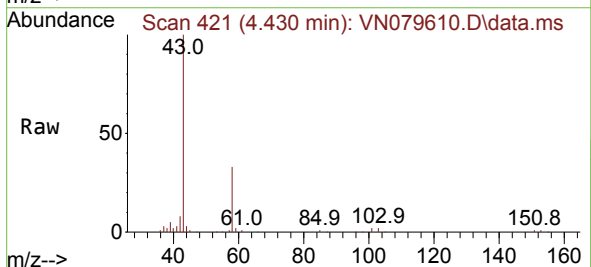
Instrument :
MSVOA_N
ClientSampleId :

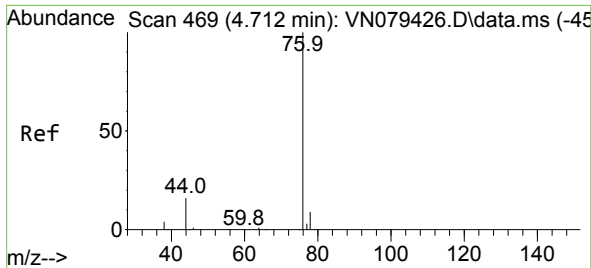
Tgt Ion: 53 Resp: 188431
Ion Ratio Lower Upper
53 100
52 83.0 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 104.060 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 43 Resp: 189171
Ion Ratio Lower Upper
43 100
58 32.8 28.0 42.0

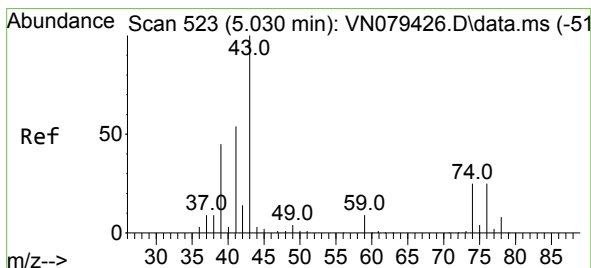
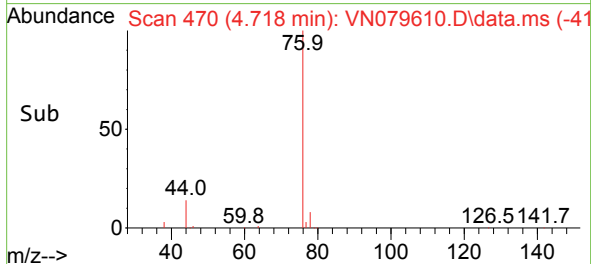
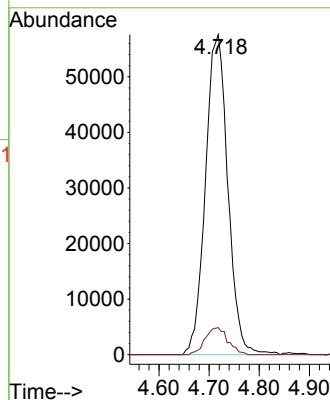
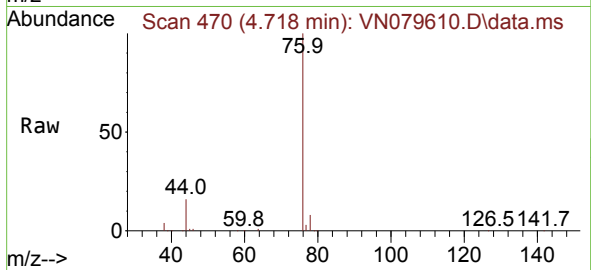




#17
Carbon Disulfide
Concen: 17.175 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

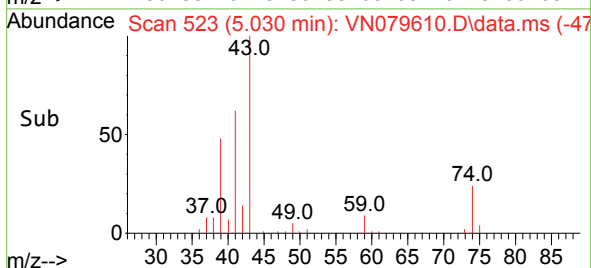
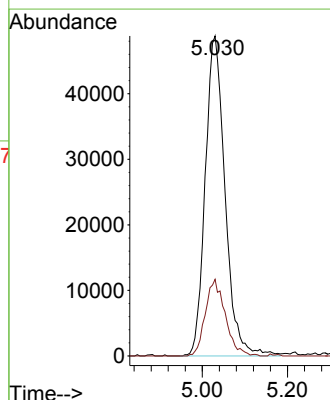
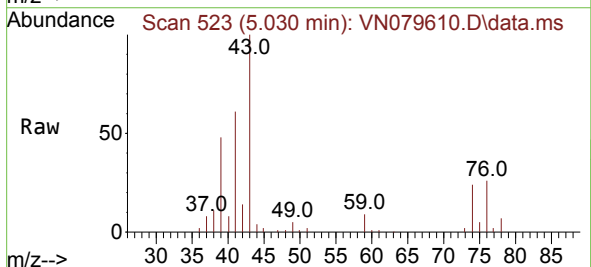
Instrument :
MSVOA_N
ClientSampleId :

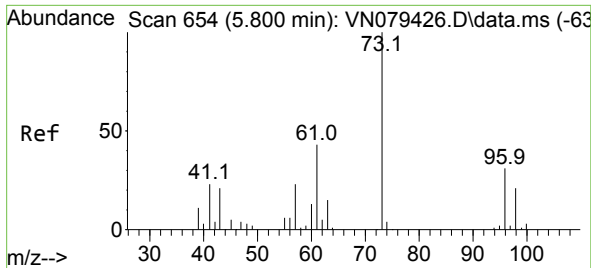
Tgt Ion: 76 Resp: 178923
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 17.724 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 43 Resp: 157704
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#

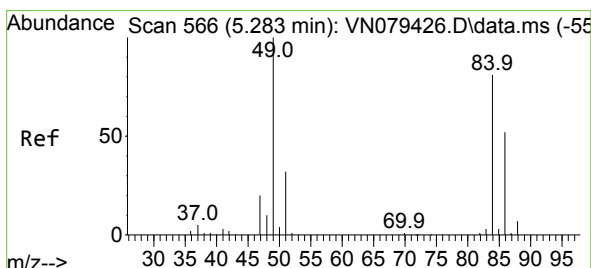
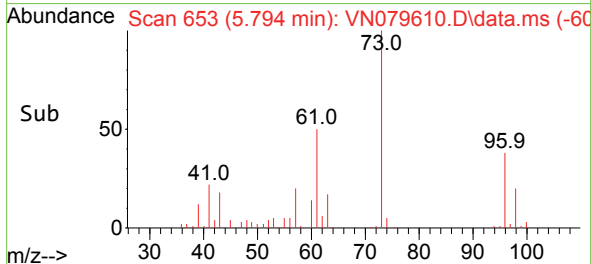
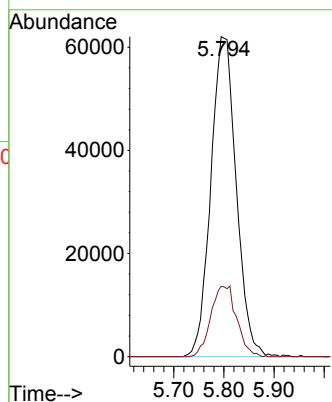
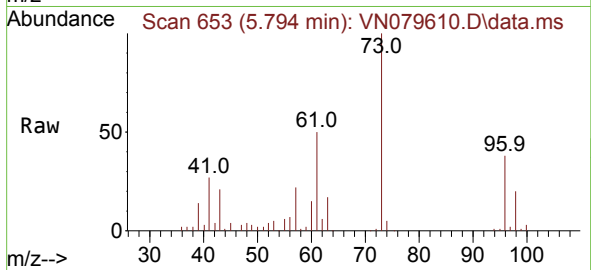




#19
Methyl tert-butyl Ether
Concen: 20.157 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

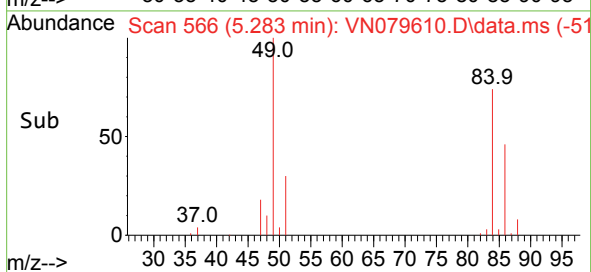
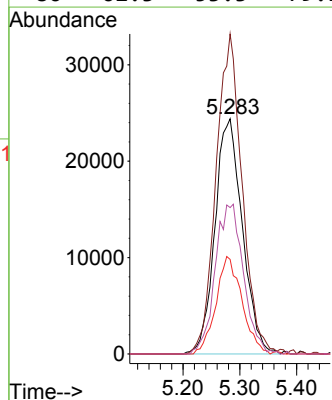
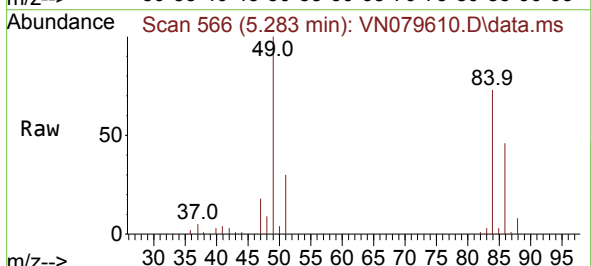
Instrument :
MSVOA_N
ClientSampleId :

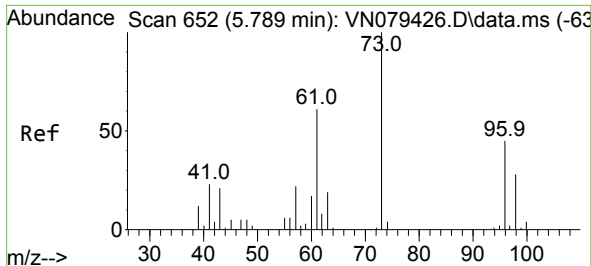
Tgt Ion: 73 Resp: 218735
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4



#20
Methylene Chloride
Concen: 20.195 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

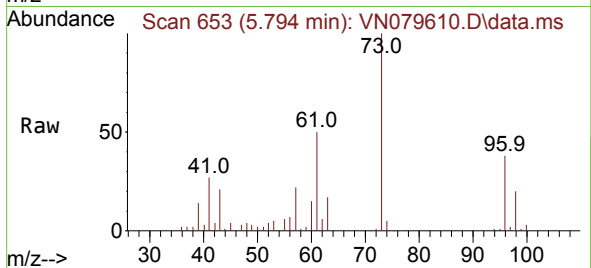
Tgt Ion: 84 Resp: 81823
Ion Ratio Lower Upper
84 100
49 136.1 79.7 119.5#
51 40.2 25.2 37.8#
86 62.3 53.3 79.9



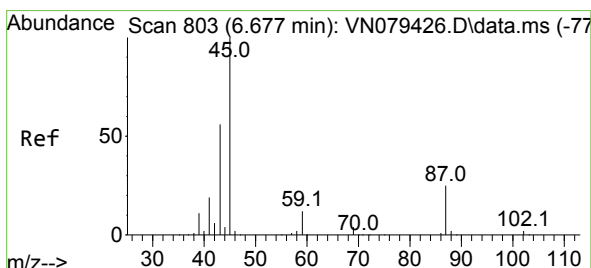
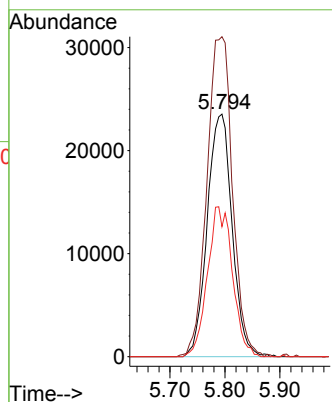
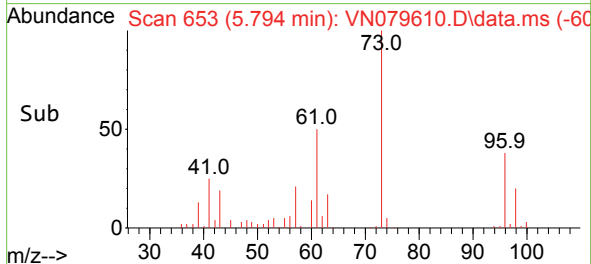


#21
trans-1,2-Dichloroethene
Concen: 18.995 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

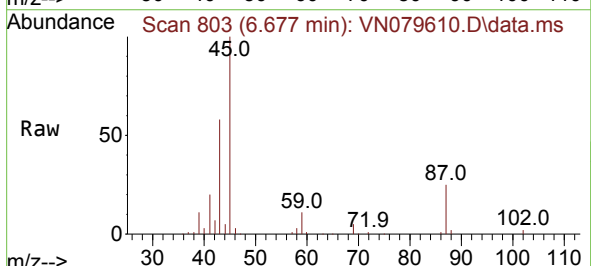
Instrument :
MSVOA_N
ClientSampleId :



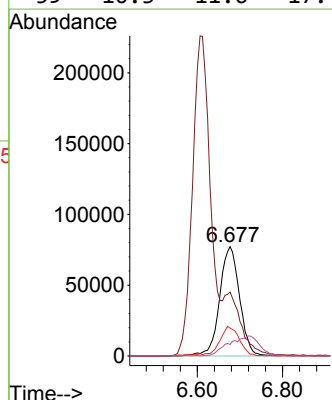
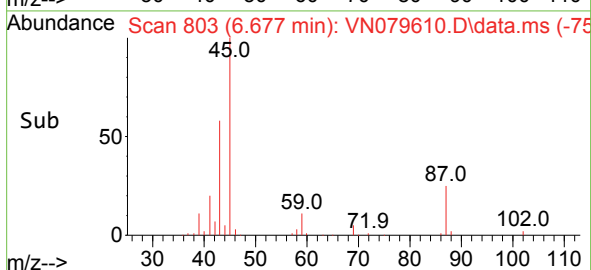
Tgt Ion: 96 Resp: 74095
Ion Ratio Lower Upper
96 100
61 131.9 90.1 135.1
98 53.6 46.4 69.6



#22
Diisopropyl ether
Concen: 20.785 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28



Tgt Ion: 45 Resp: 251202
Ion Ratio Lower Upper
45 100
43 57.2 45.5 68.3
87 25.5 31.8 47.8#
59 10.3 11.6 17.4#

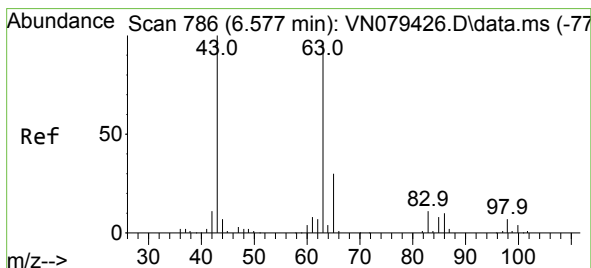
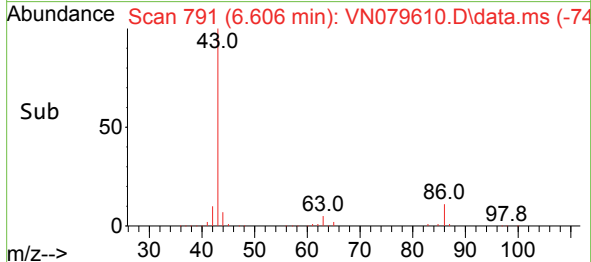
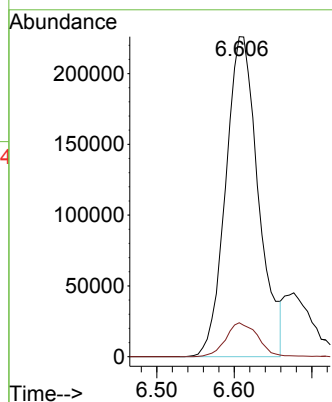
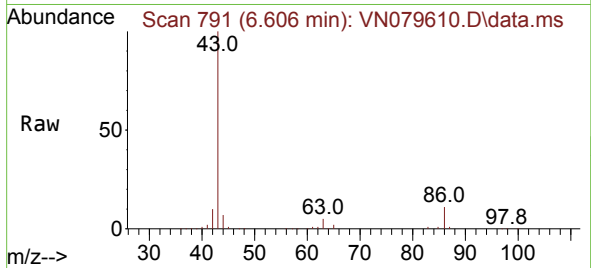




#23
 Vinyl Acetate
 Concen: 97.642 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

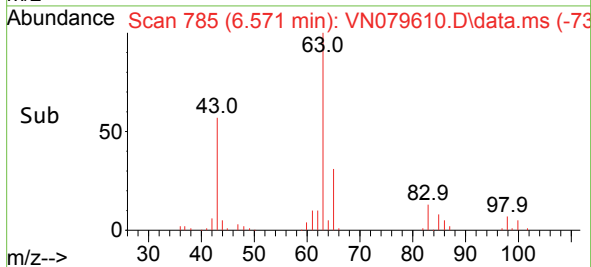
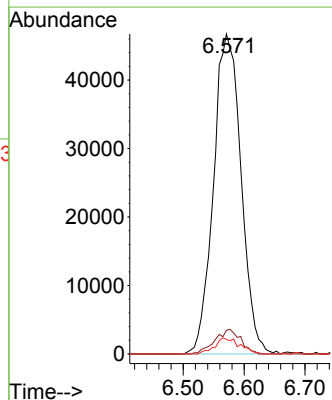
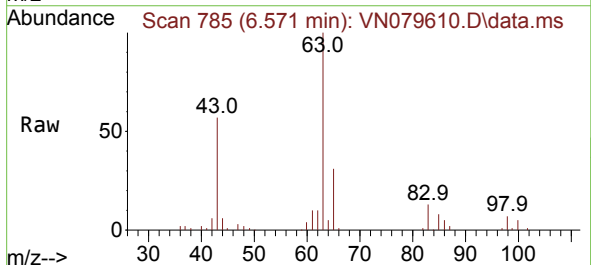
Instrument :
 MSVOA_N
 ClientSampleId :

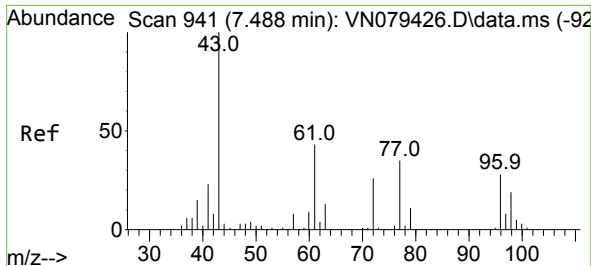
Tgt Ion: 43 Resp: 663777
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.864 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

Tgt Ion: 63 Resp: 146927
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.5 2.5 7.4

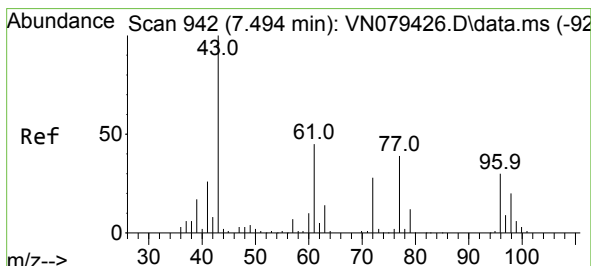
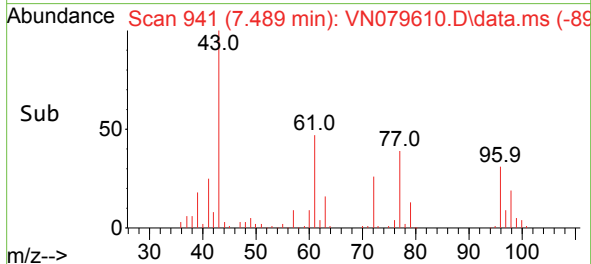
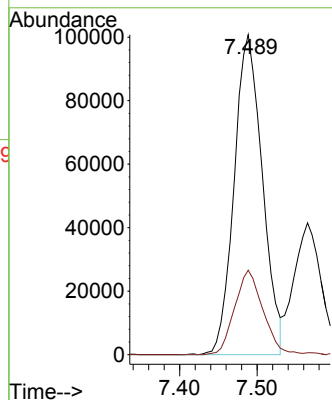
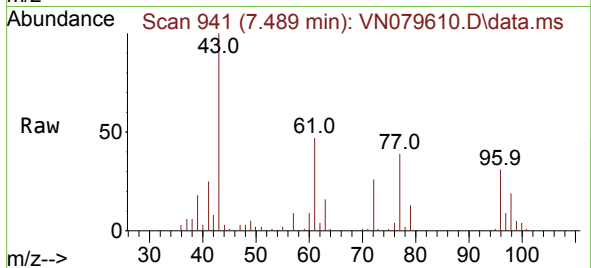




#25
2-Butanone
Concen: 94.661 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

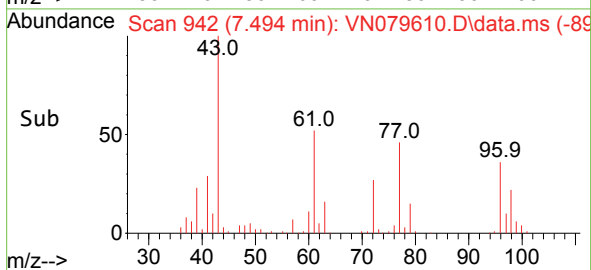
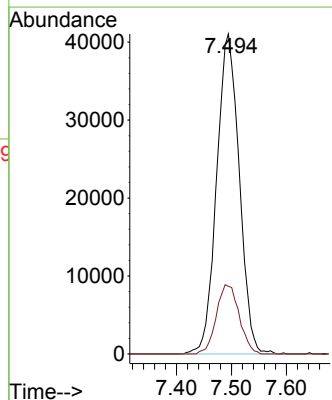
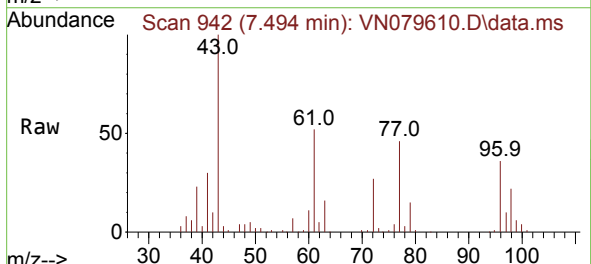
Instrument :
MSVOA_N
ClientSampleId :

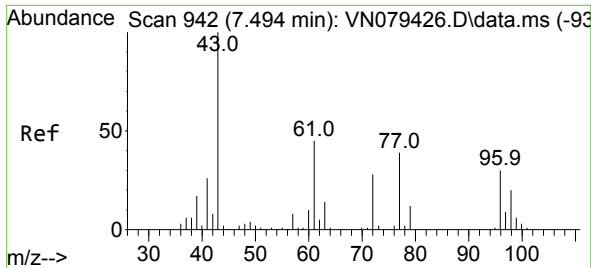
Tgt Ion: 43 Resp: 255409
Ion Ratio Lower Upper
43 100
72 26.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.761 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 77 Resp: 117354
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6

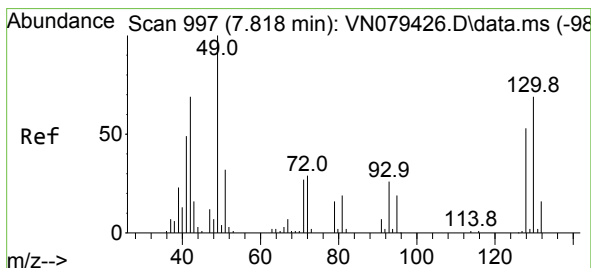
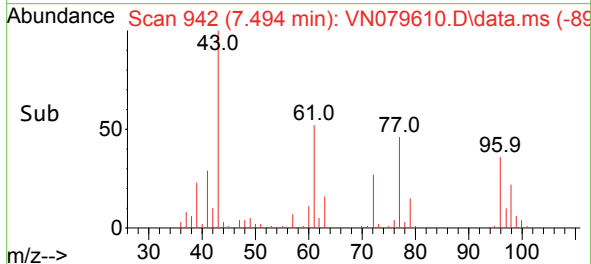
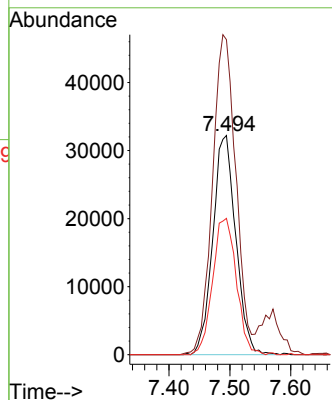
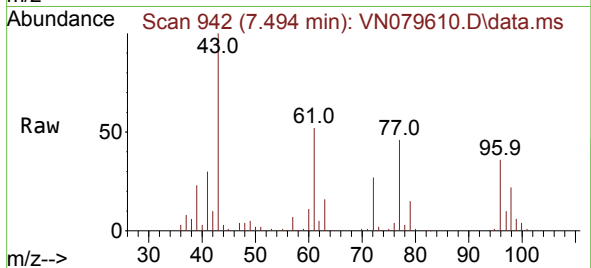




#27
 cis-1,2-Dichloroethene
 Concen: 19.919 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

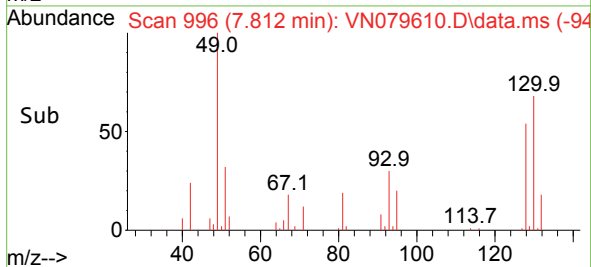
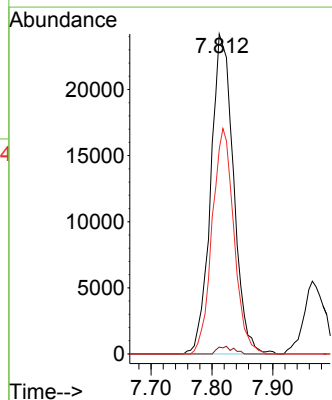
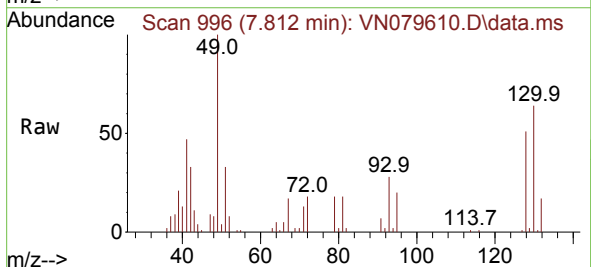
Instrument :
 MSVOA_N
 ClientSampleId :

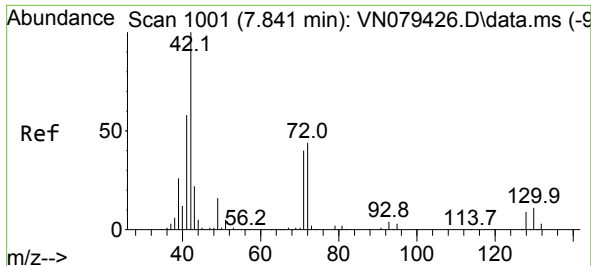
Tgt Ion: 96 Resp: 84411
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 255.2
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 17.869 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

Tgt Ion: 49 Resp: 62886
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 67.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 94.216 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

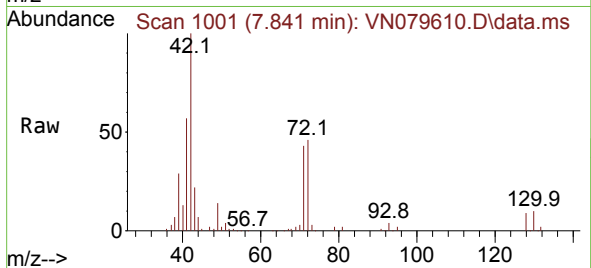
Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :



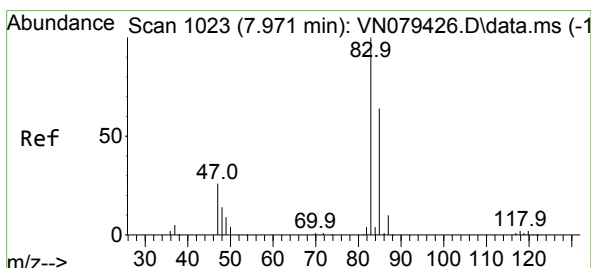
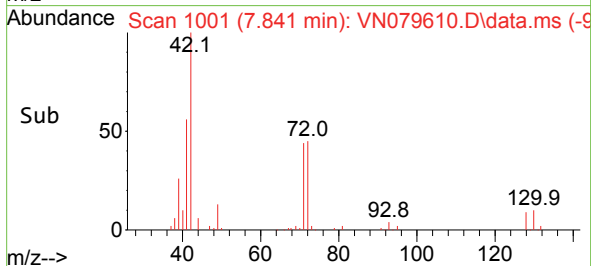
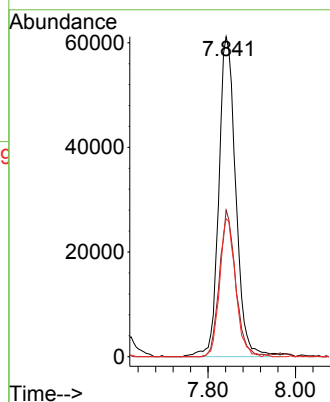
Tgt Ion: 42 Resp: 164409

Ion Ratio Lower Upper

42 100

72 43.5 49.8 74.6#

71 40.3 47.4 71.2#



#30

Chloroform

Concen: 20.026 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079610.D

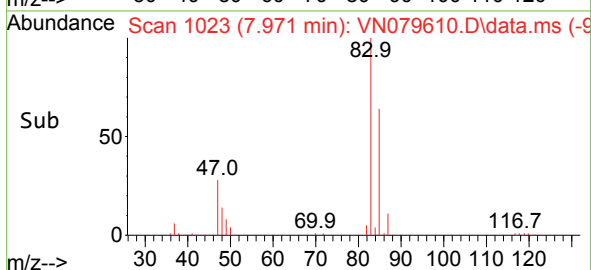
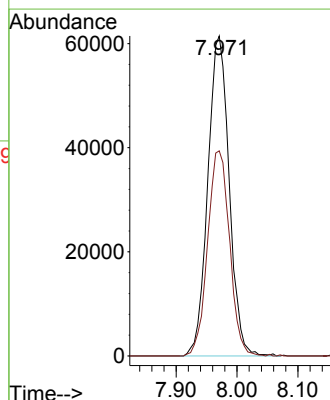
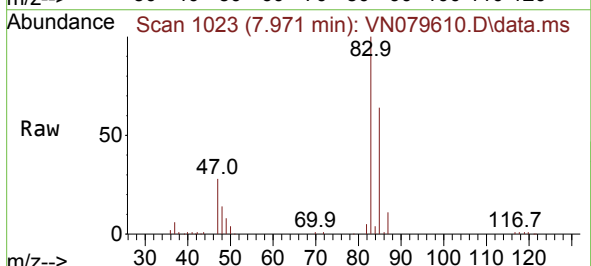
Acq: 19 Oct 2023 11:28

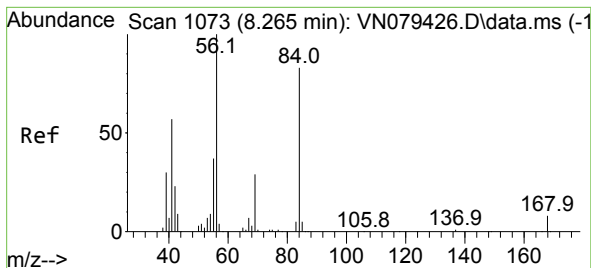
Tgt Ion: 83 Resp: 149657

Ion Ratio Lower Upper

83 100

85 64.1 55.4 83.0





#31

Cyclohexane

Concen: 18.477 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

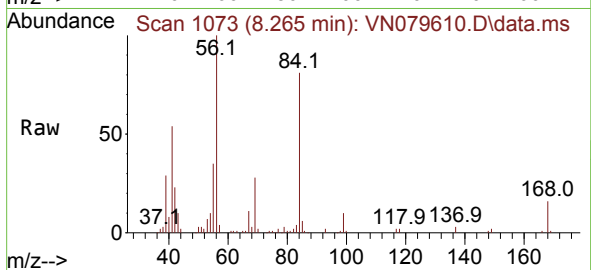
Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :



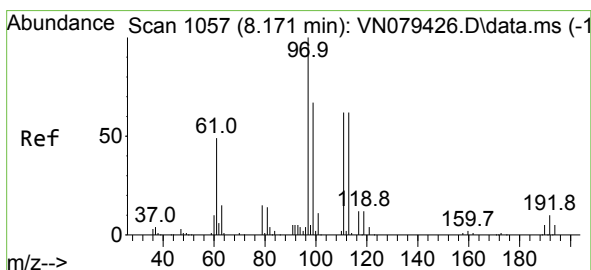
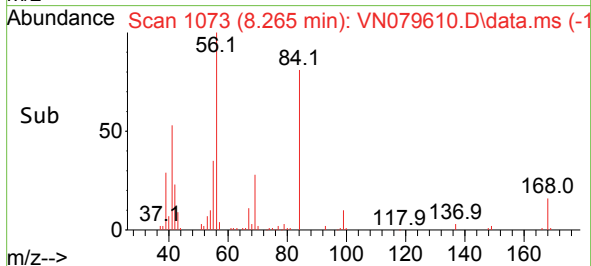
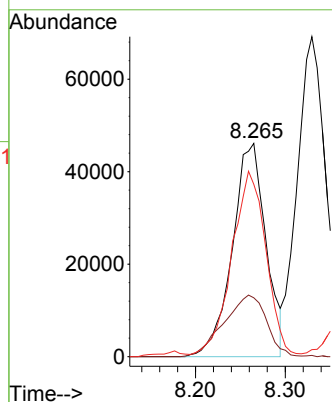
Tgt Ion: 56 Resp: 120125

Ion Ratio Lower Upper

56 100

69 27.6 26.8 40.2

84 79.4 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 20.693 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

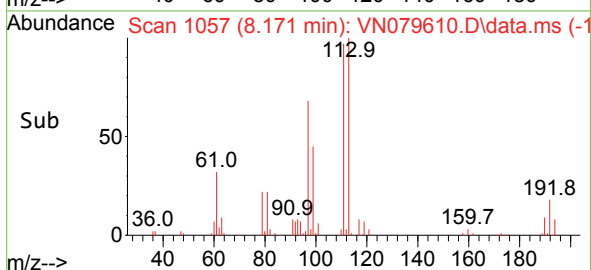
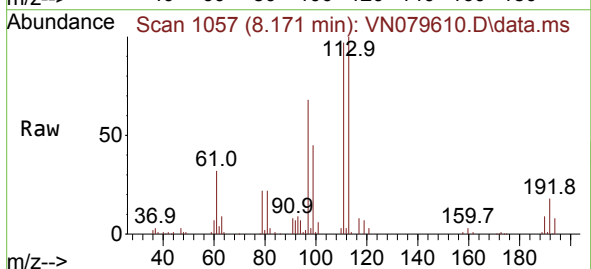
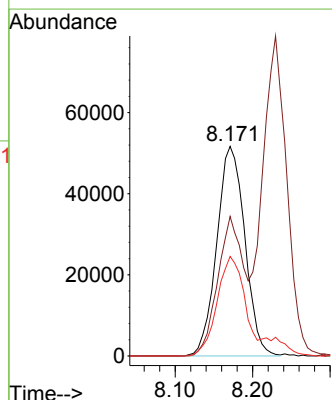
Tgt Ion: 97 Resp: 130139

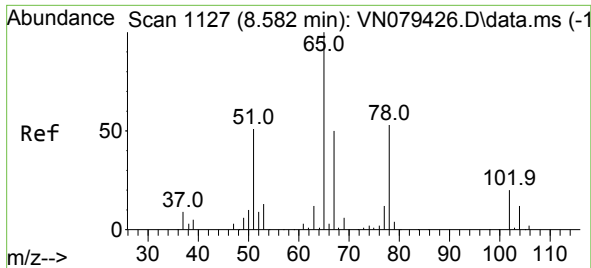
Ion Ratio Lower Upper

97 100

99 60.7 50.3 75.5

61 47.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.985 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

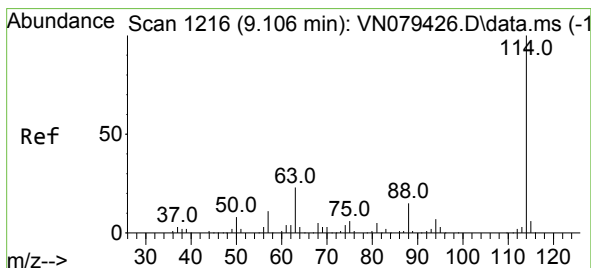
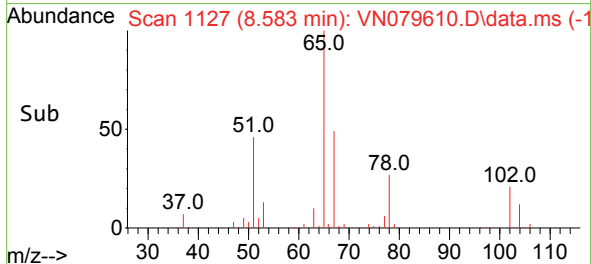
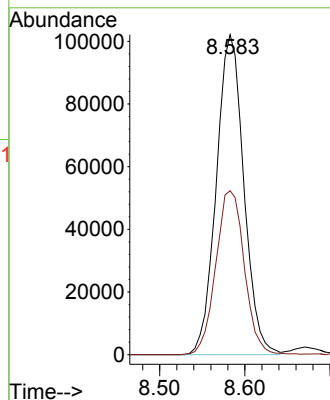
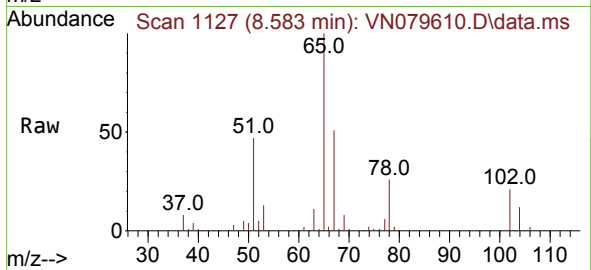
ClientSampleId :

Tgt Ion: 65 Resp: 229099

Ion Ratio Lower Upper

65 100

67 53.2 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: VN079610.D

Acq: 19 Oct 2023 11:28

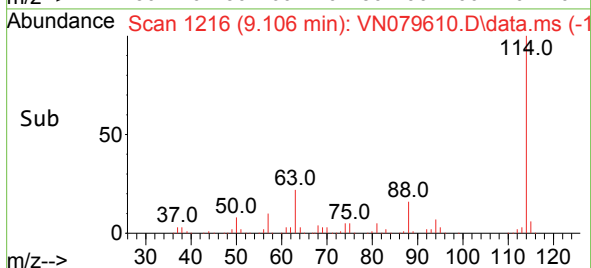
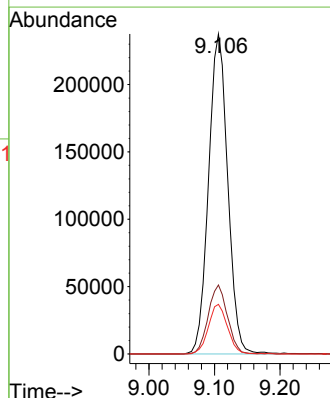
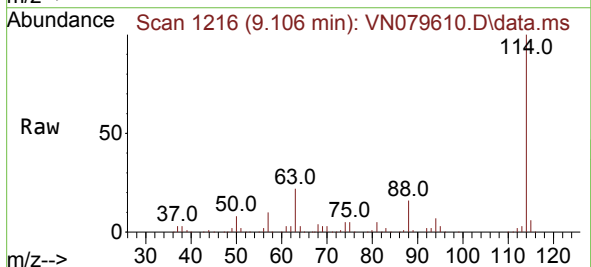
Tgt Ion: 114 Resp: 482595

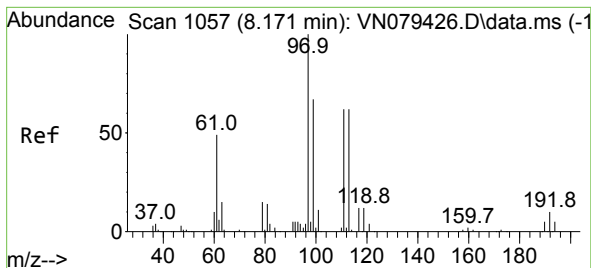
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.098 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

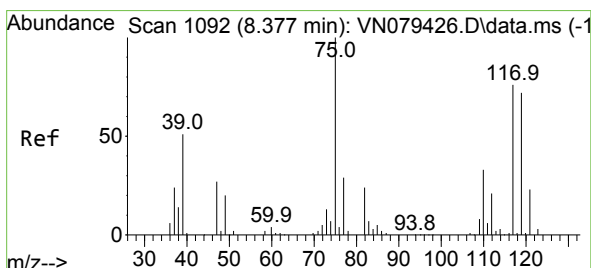
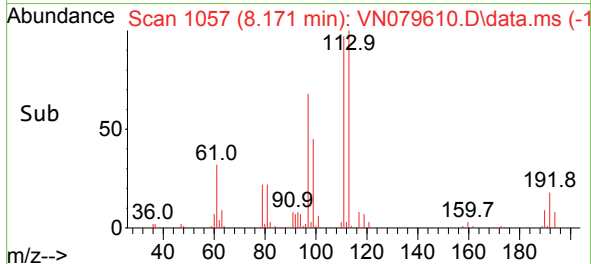
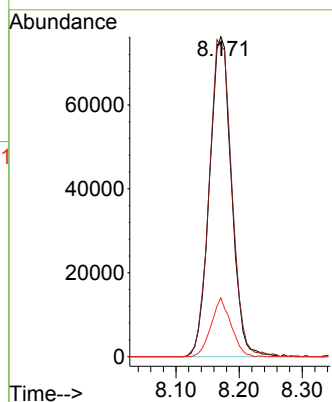
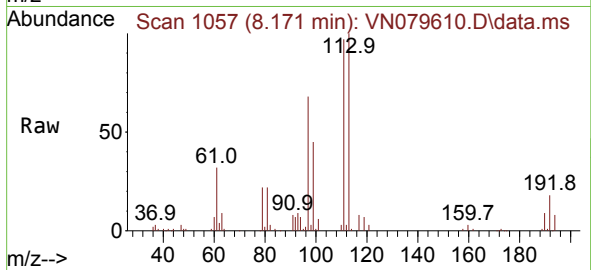
Tgt Ion:113 Resp: 184148

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 20.946 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

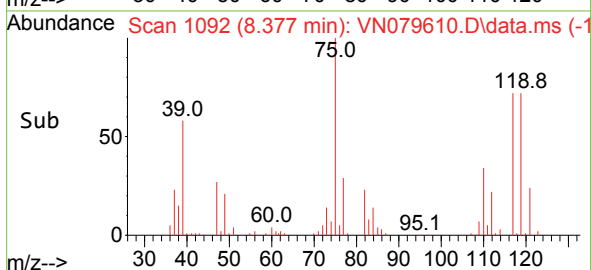
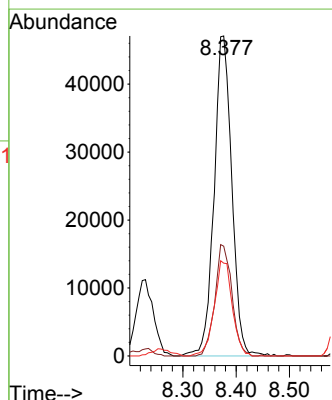
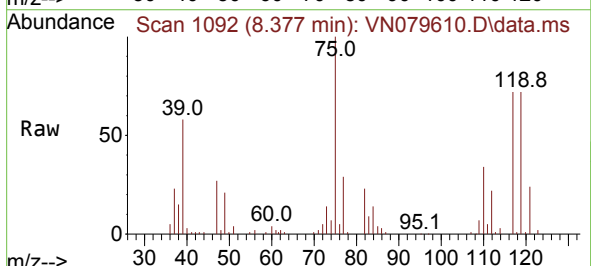
Tgt Ion: 75 Resp: 109024

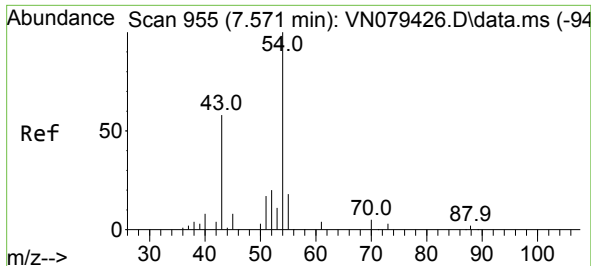
Ion Ratio Lower Upper

75 100

110 33.5 19.1 57.3

77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 20.128 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

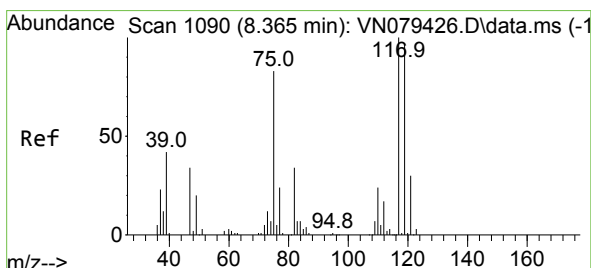
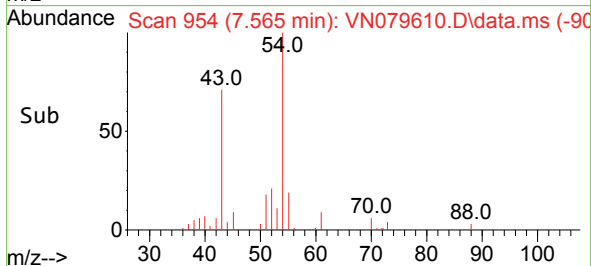
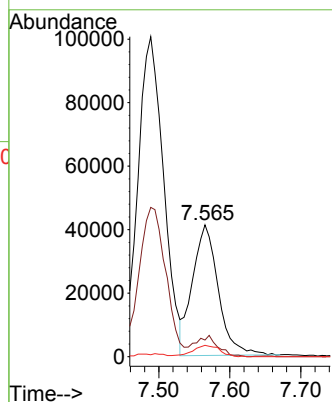
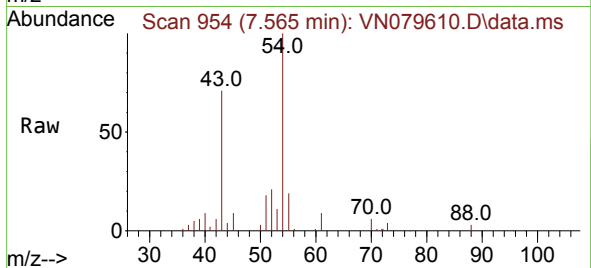
Tgt Ion: 43 Resp: 104249

Ion Ratio Lower Upper

43 100

61 13.6 13.2 19.8

70 9.0 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 20.818 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

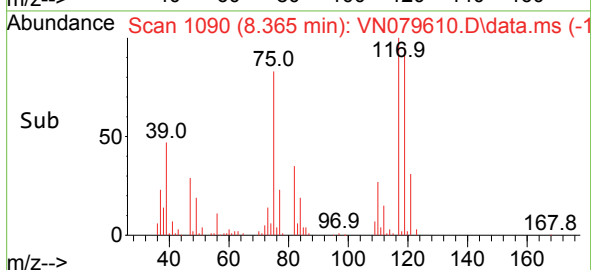
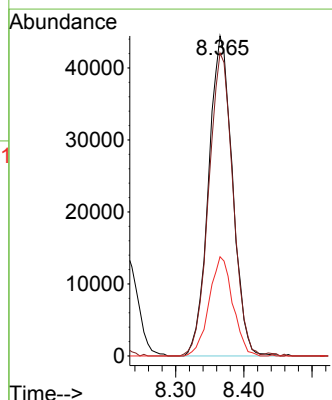
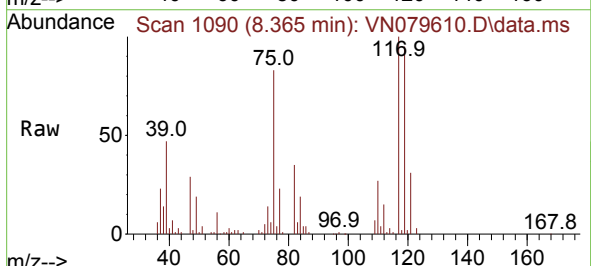
Tgt Ion: 117 Resp: 108480

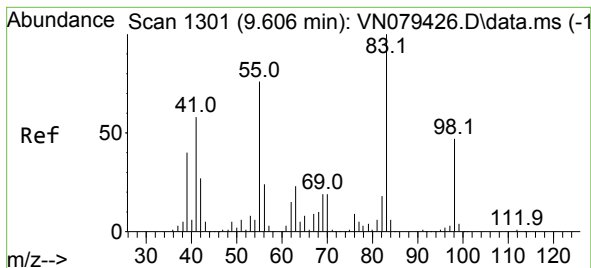
Ion Ratio Lower Upper

117 100

119 94.7 77.3 115.9

121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 19.257 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

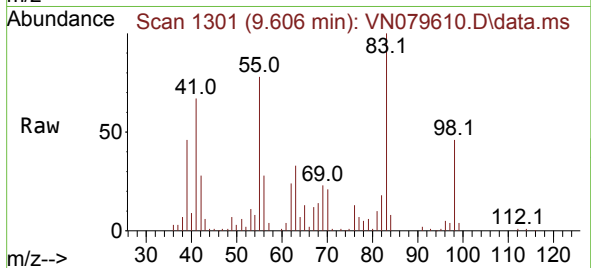
Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

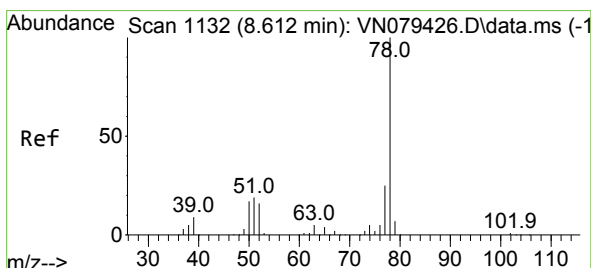
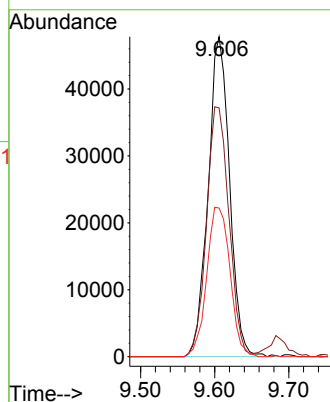
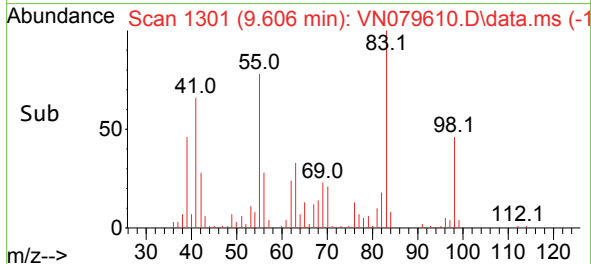
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	83	Resp:	96304
Ion Ratio	Lower	Upper	
83	100		
55	77.7	49.1	73.7#
98	46.4	40.6	61.0



#40

Benzene

Concen: 20.789 ug/l

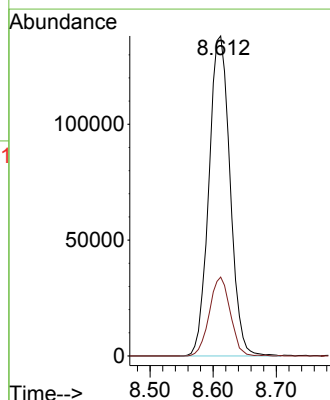
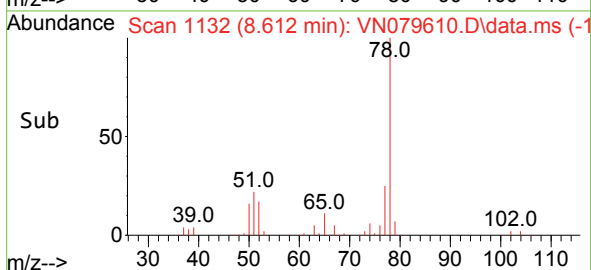
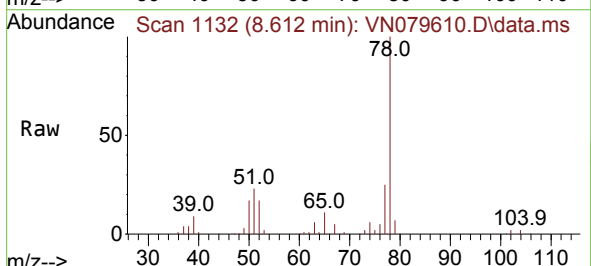
RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

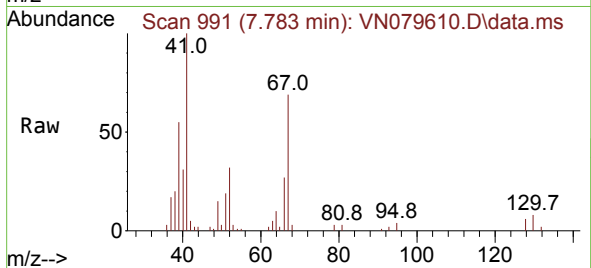
Tgt Ion:	78	Resp:	321363
Ion Ratio	Lower	Upper	
78	100		
77	24.7	19.0	28.6



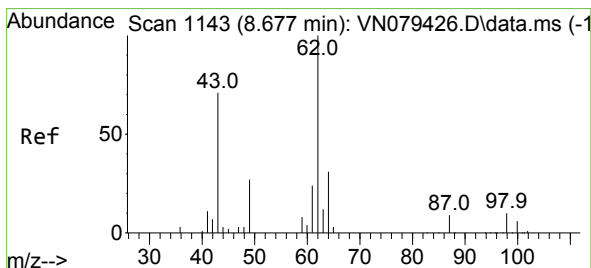
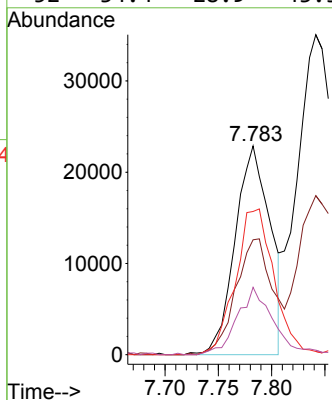
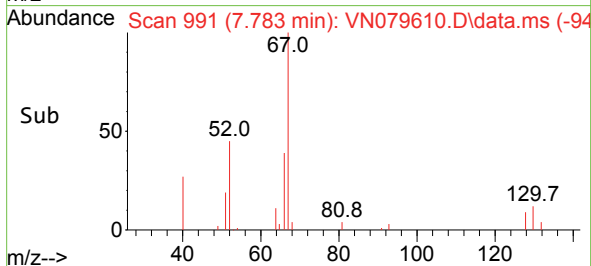


#41
Methacrylonitrile
Concen: 19.162 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

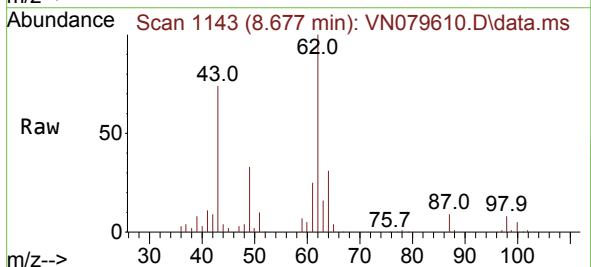
Instrument :
MSVOA_N
ClientSampleId :



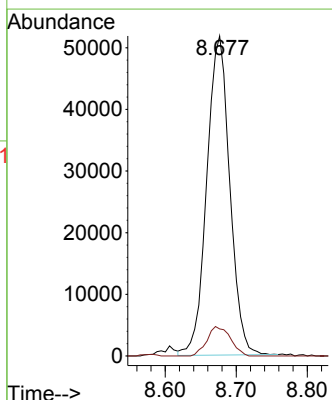
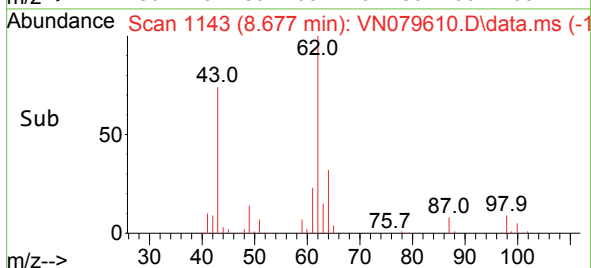
Tgt Ion:	41	Resp:	52176
Ion Ratio	Lower	Upper	
41	100		
39	59.3	42.6	64.0
67	76.8	77.5	116.3
52	34.4	28.9	43.3

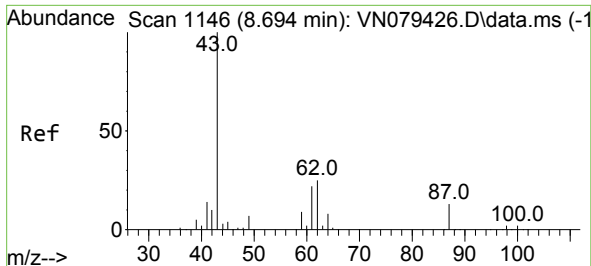


#42
1,2-Dichloroethane
Concen: 20.705 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28



Tgt Ion:	62	Resp:	116298
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	19.8

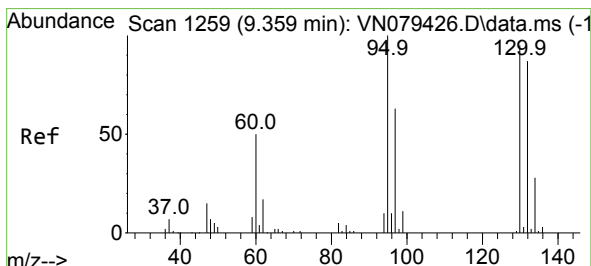
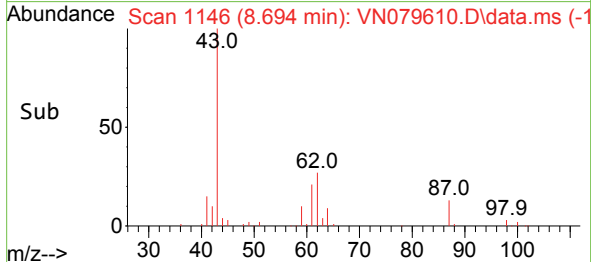
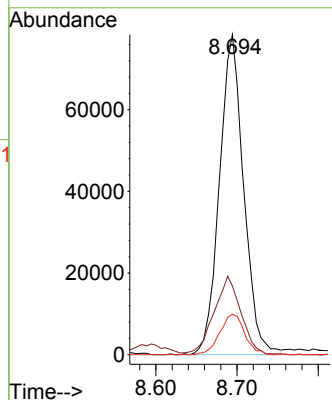
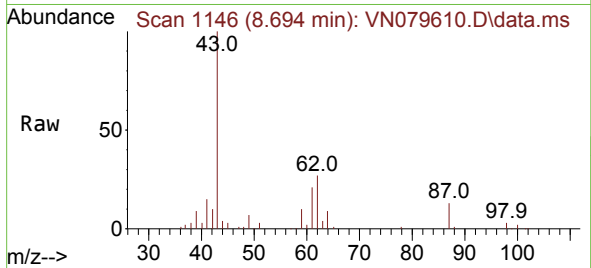




#43
Isopropyl Acetate
Concen: 17.902 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

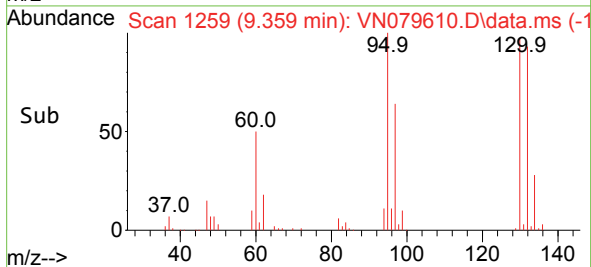
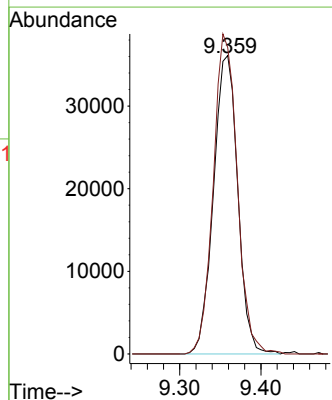
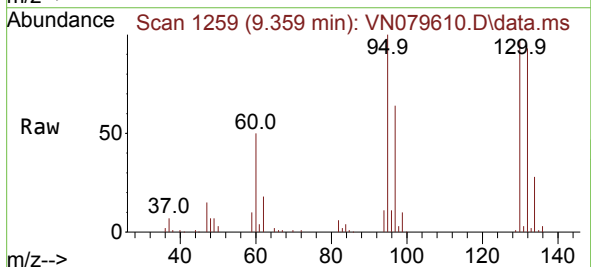
Instrument :
MSVOA_N
ClientSampleId :

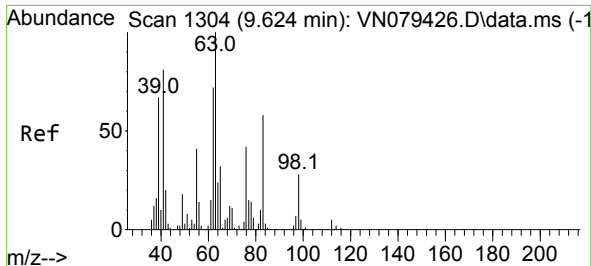
Tgt Ion: 43 Resp: 162437
Ion Ratio Lower Upper
43 100
61 27.3 24.7 37.1
87 13.0 14.6 21.8#



#44
Trichloroethene
Concen: 20.635 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion:130 Resp: 75079
Ion Ratio Lower Upper
130 100
95 102.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.612 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

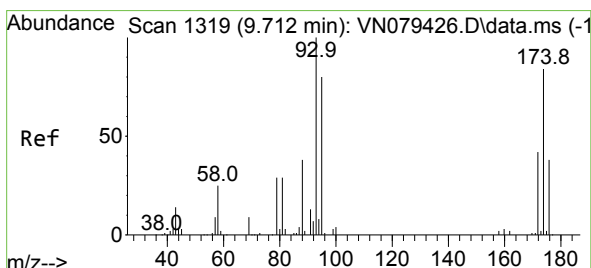
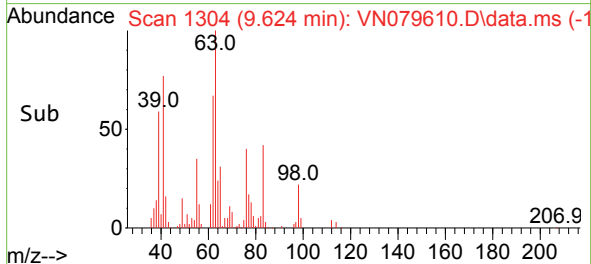
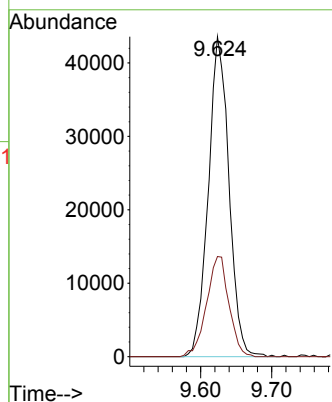
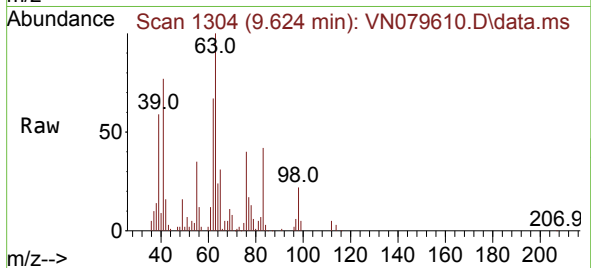
ClientSampleId :

Tgt Ion: 63 Resp: 88024

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 21.516 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

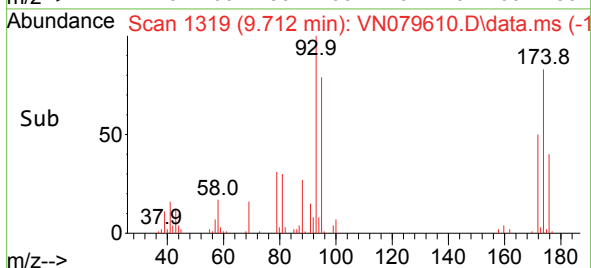
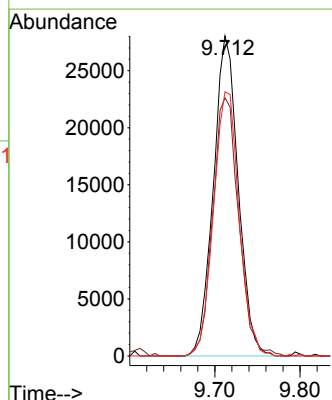
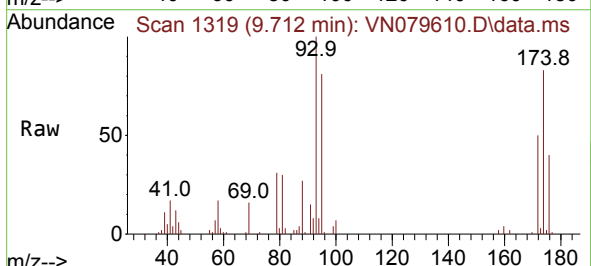
Tgt Ion: 93 Resp: 56757

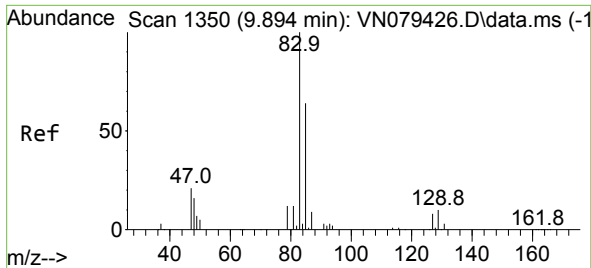
Ion Ratio Lower Upper

93 100

95 84.3 63.8 95.8

174 85.2 65.6 98.4

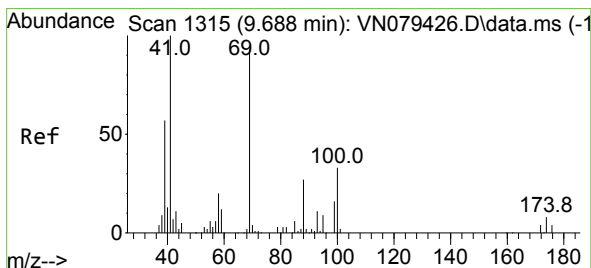
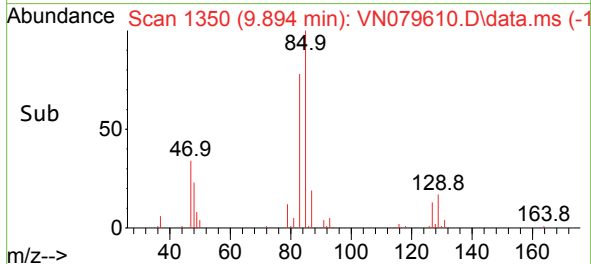
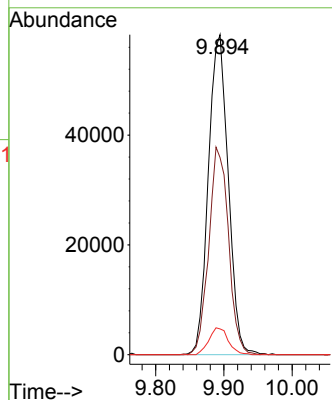
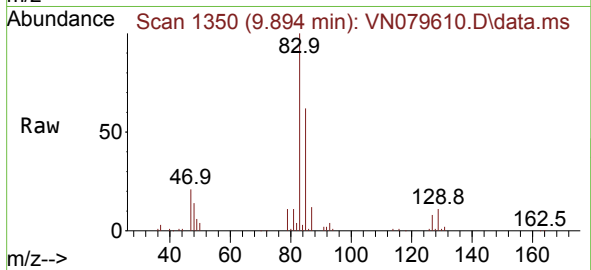




#47
Bromodichloromethane
Concen: 21.769 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

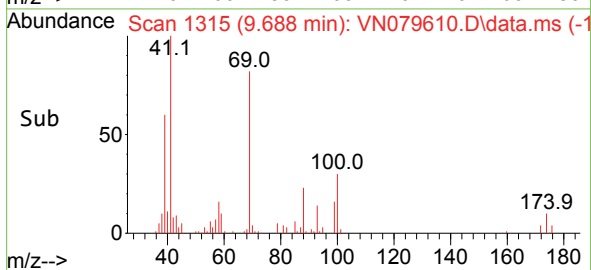
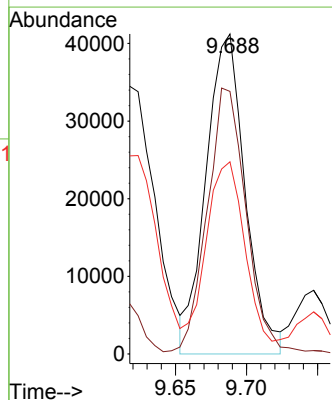
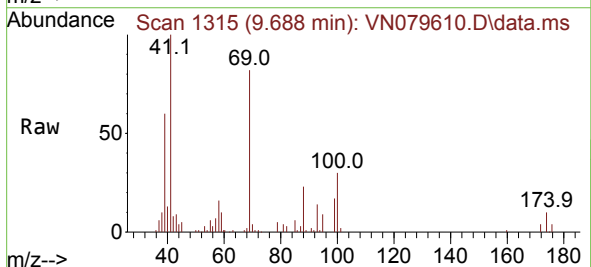
Instrument :
MSVOA_N
ClientSampleId :

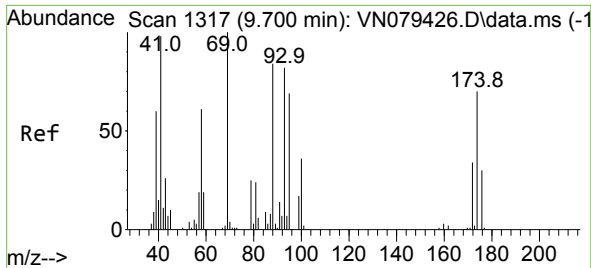
Tgt Ion: 83 Resp: 118123
Ion Ratio Lower Upper
83 100
85 61.6 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 20.299 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

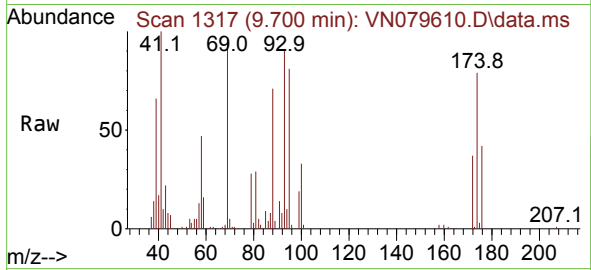
Tgt Ion: 41 Resp: 78931
Ion Ratio Lower Upper
41 100
69 83.4 90.4 135.6#
39 60.5 54.6 81.8



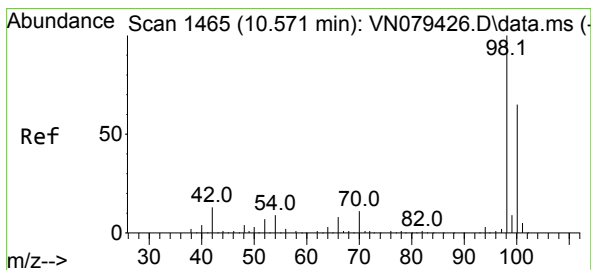
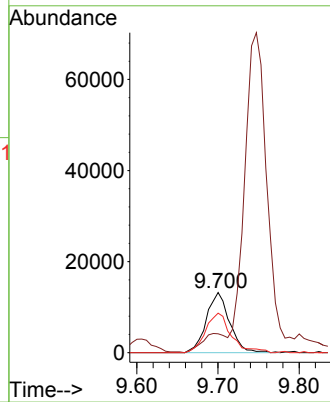
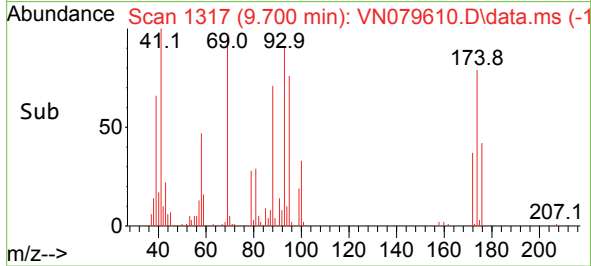


#49
1,4-Dioxane
Concen: 367.069 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

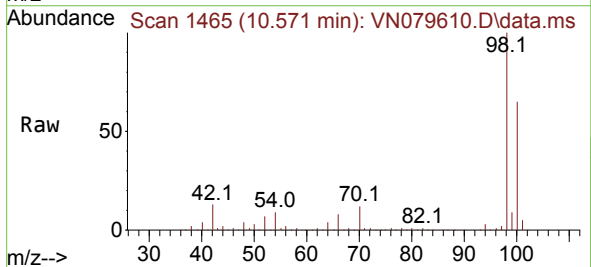
Instrument :
MSVOA_N
ClientSampleId :



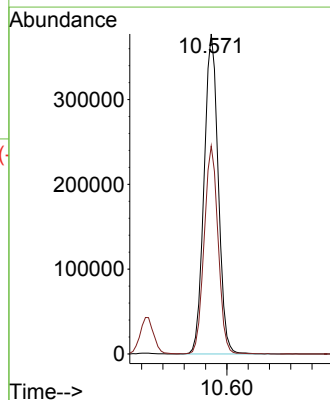
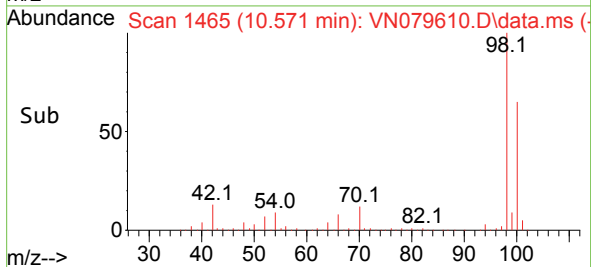
Tgt Ion: 88 Resp: 26290
Ion Ratio Lower Upper
88 100
43 33.8 17.0 25.6#
58 72.1 47.0 70.4#

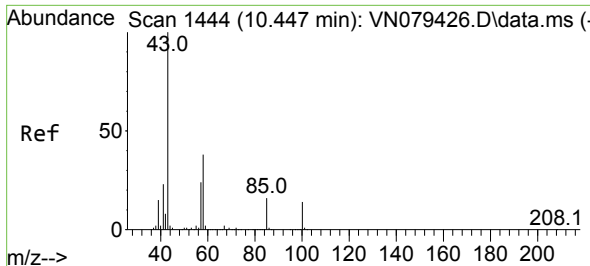


#50
Toluene-d8
Concen: 55.312 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28



Tgt Ion: 98 Resp: 694091
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

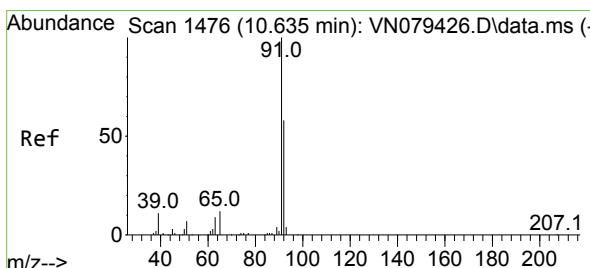
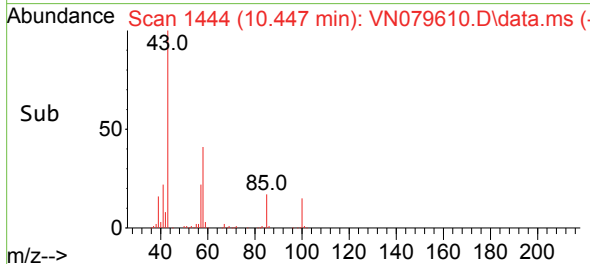
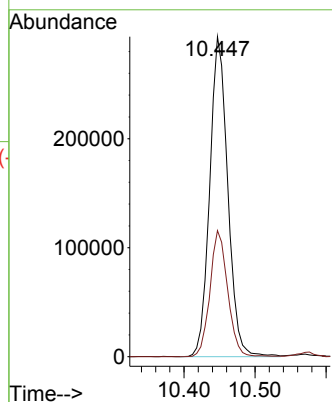
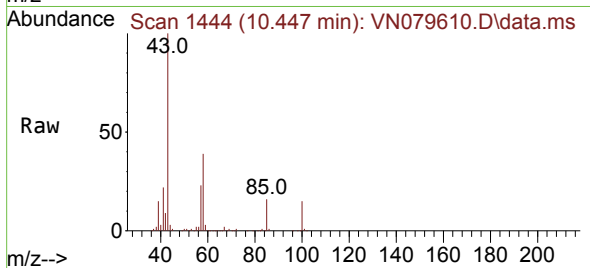




#51
4-Methyl-2-Pentanone
Concen: 101.279 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

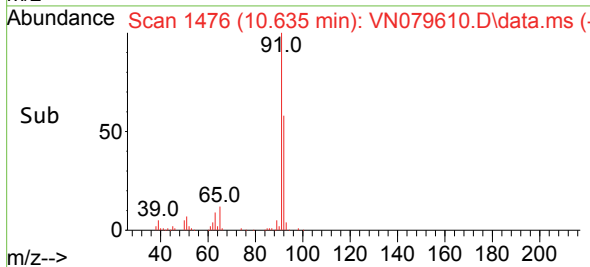
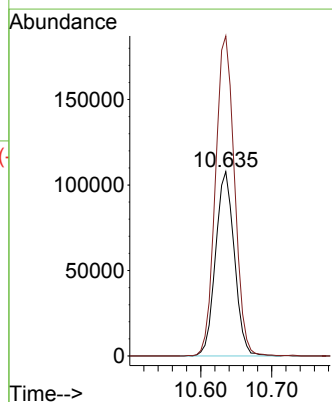
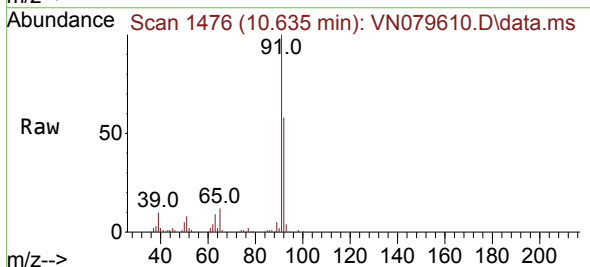
Instrument :
MSVOA_N
ClientSampleId :

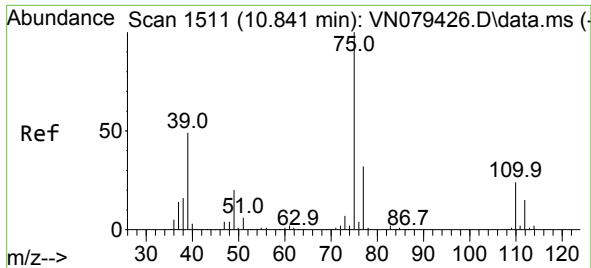
Tgt Ion: 43 Resp: 518771
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8



#52
Toluene
Concen: 21.697 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 92 Resp: 197431
Ion Ratio Lower Upper
92 100
91 176.3 137.4 206.0

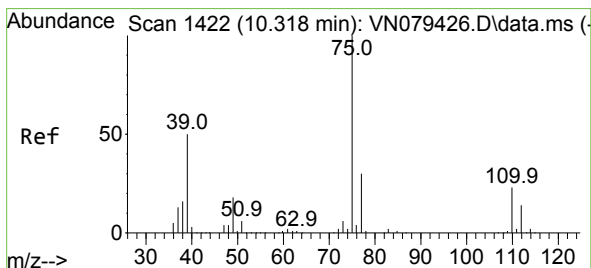
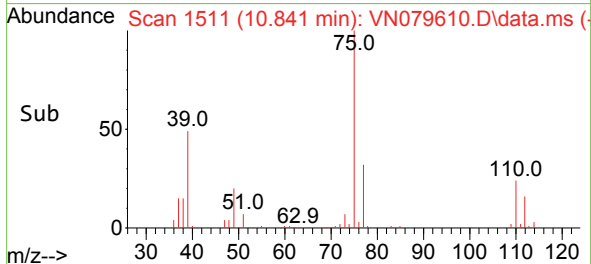
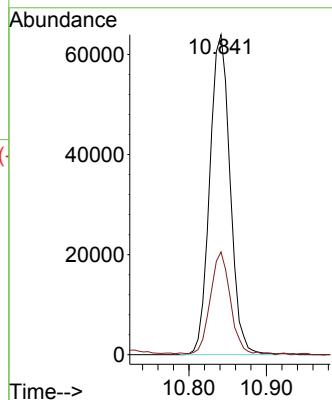
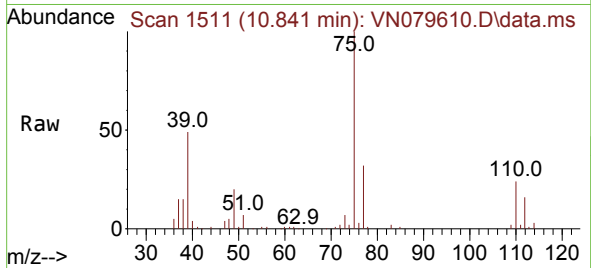




#53
 t-1,3-Dichloropropene
 Concen: 21.344 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

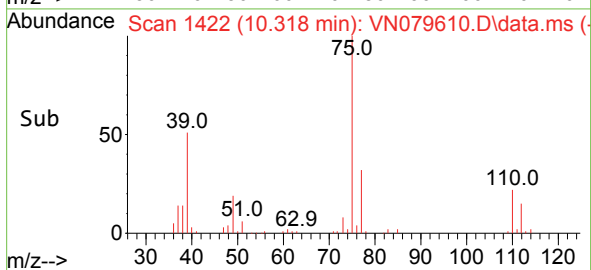
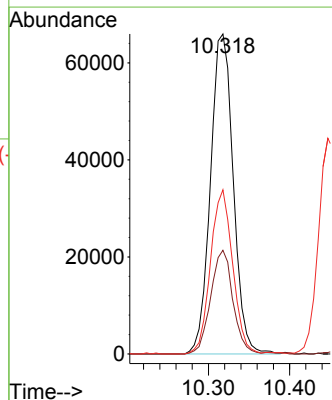
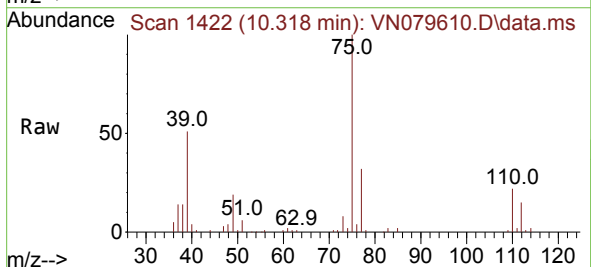
Instrument :
 MSVOA_N
 ClientSampleId :

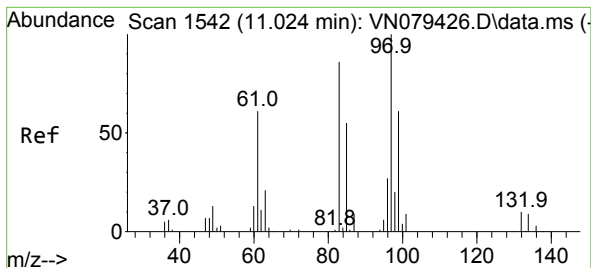
Tgt Ion: 75 Resp: 116712
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.507 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

Tgt Ion: 75 Resp: 128743
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 51.3 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 22.035 ug/l

RT: 11.024 min Scan# 11

Delta R.T. 0.000 min

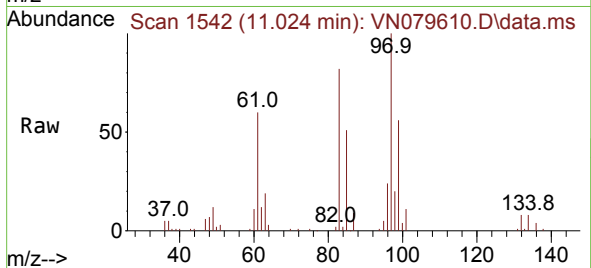
Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 80497

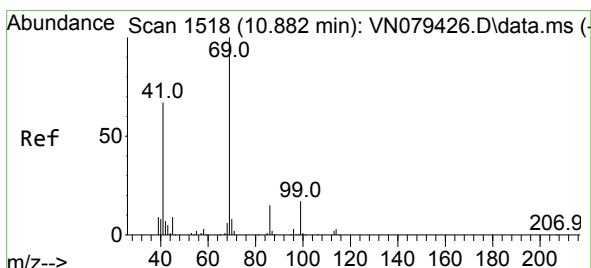
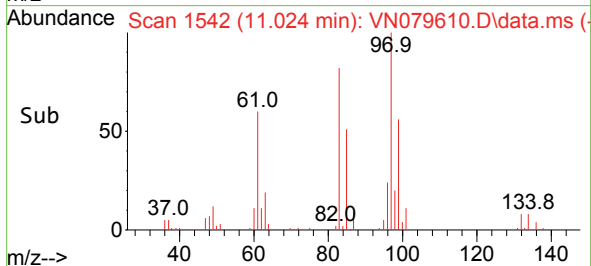
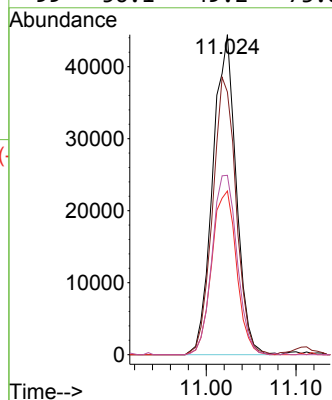
Ion Ratio Lower Upper

97 100

83 82.1 65.1 97.7

85 51.1 43.4 65.2

99 56.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.525 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.005 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

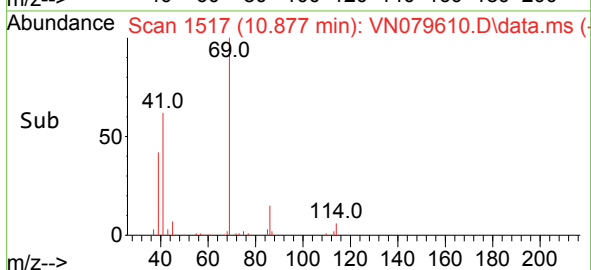
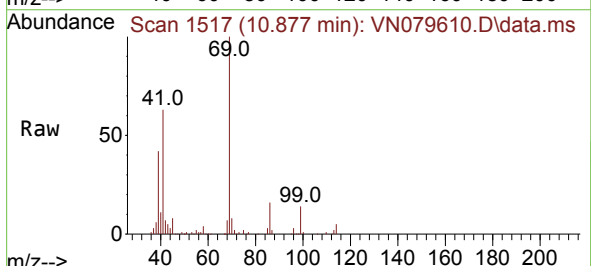
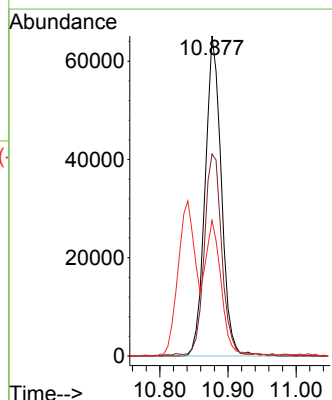
Tgt Ion: 69 Resp: 108052

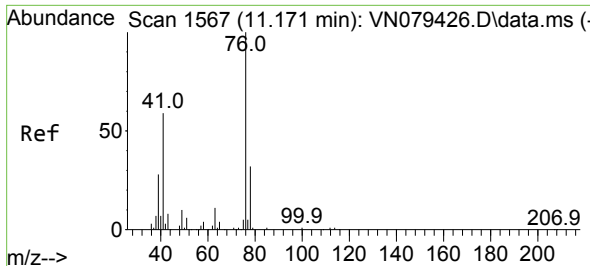
Ion Ratio Lower Upper

69 100

41 68.8 39.6 59.4#

39 41.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 21.974 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

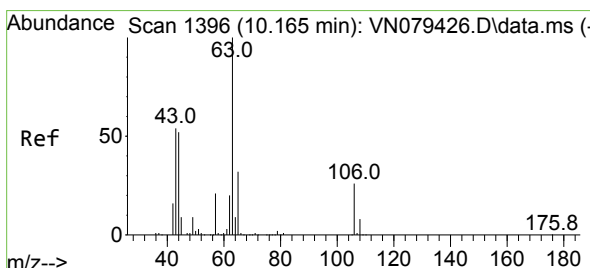
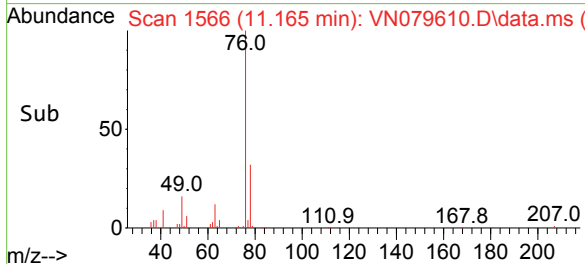
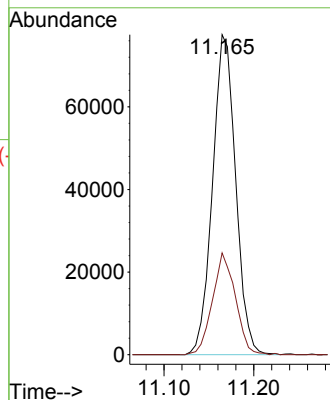
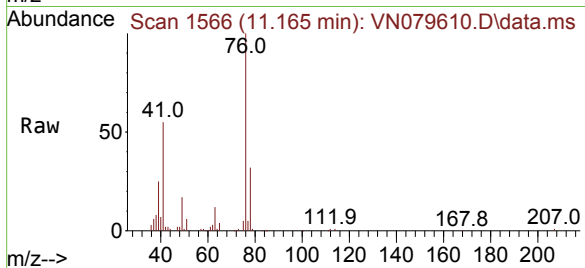
ClientSampleId :

Tgt Ion: 76 Resp: 138614

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 54.532 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079610.D

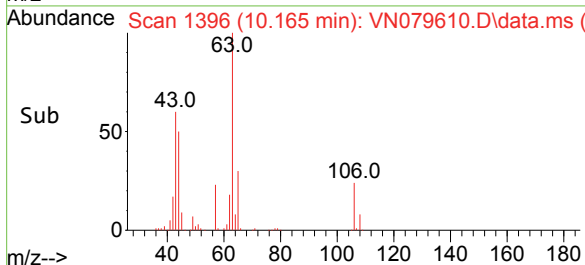
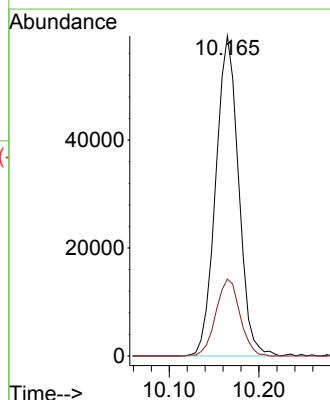
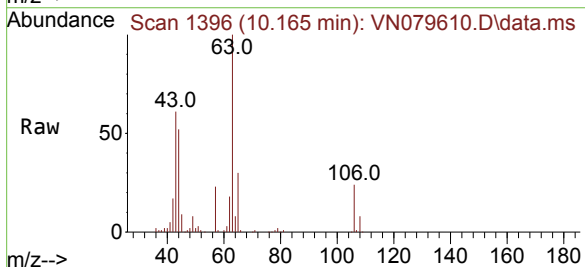
Acq: 19 Oct 2023 11:28

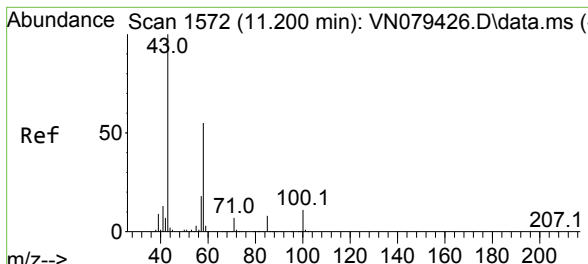
Tgt Ion: 63 Resp: 104834

Ion Ratio Lower Upper

63 100

106 25.3 26.2 39.4#

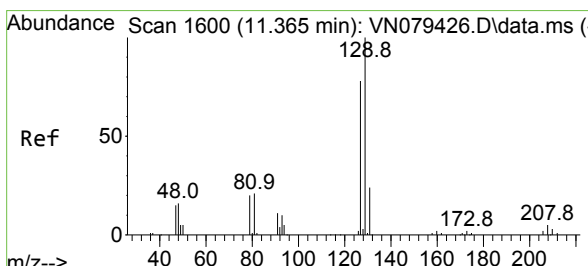
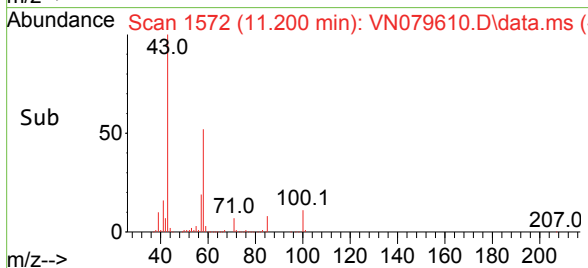
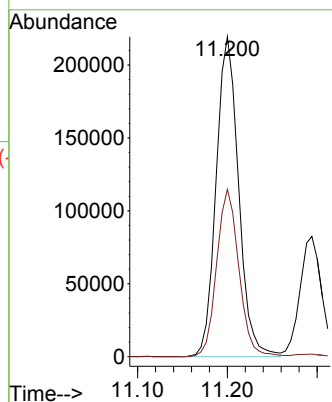
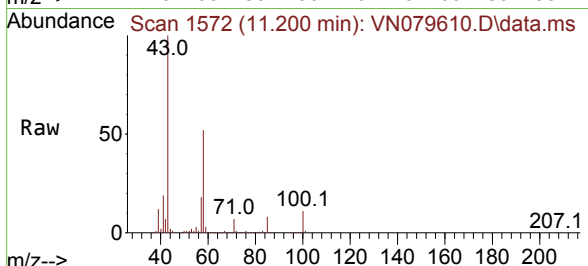




#59
2-Hexanone
Concen: 103.191 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

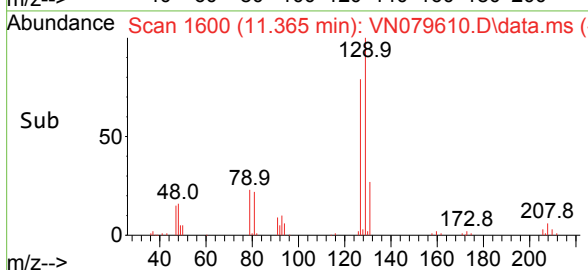
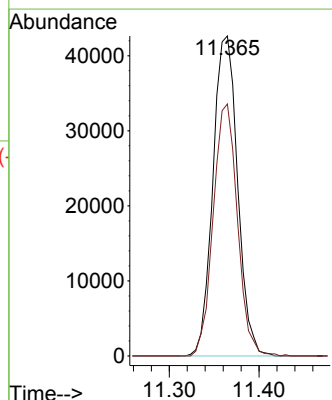
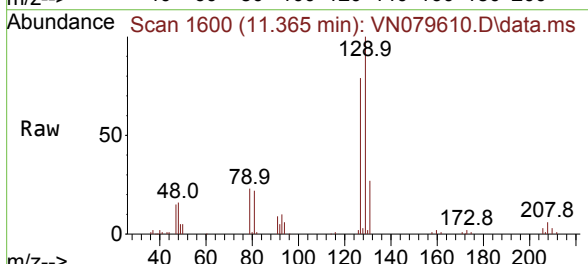
Instrument :
MSVOA_N
ClientSampleId :

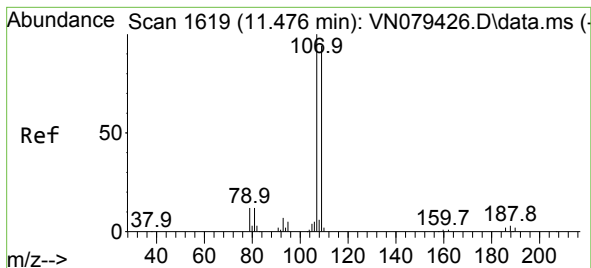
Tgt Ion: 43 Resp: 381416
Ion Ratio Lower Upper
43 100
58 51.7 31.7 95.1



#60
Dibromochloromethane
Concen: 22.160 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 129 Resp: 81358
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.426 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

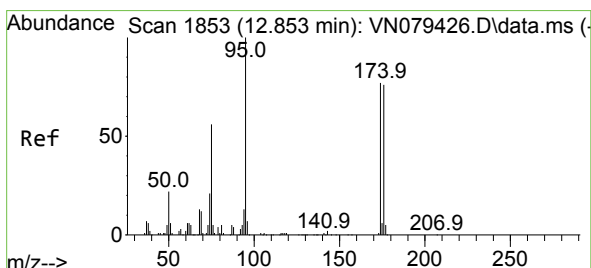
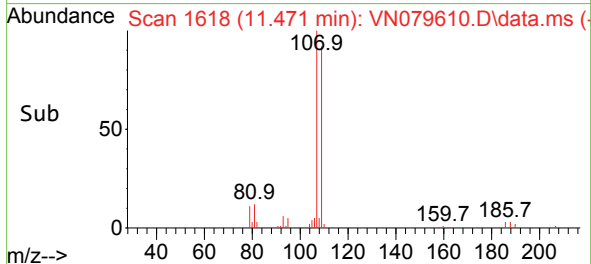
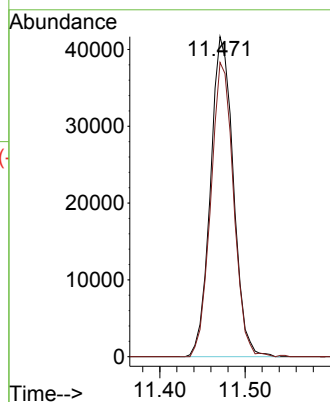
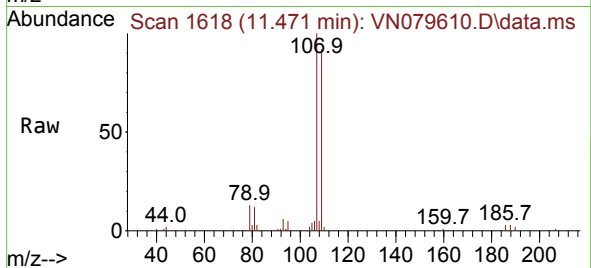
ClientSampleId :

Tgt Ion:107 Resp: 77676

Ion Ratio Lower Upper

107 100

109 91.3 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 54.174 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

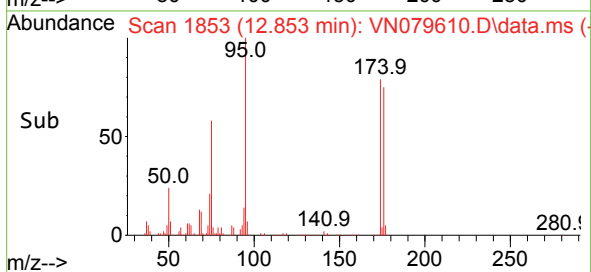
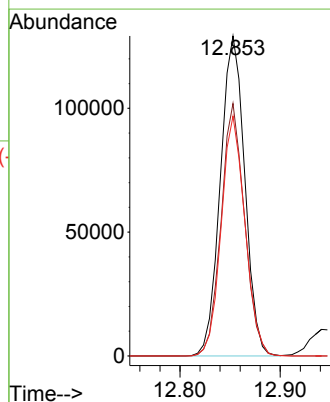
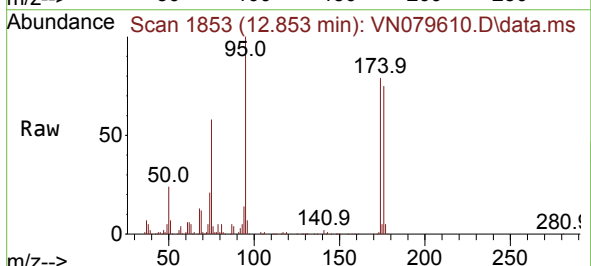
Tgt Ion: 95 Resp: 218165

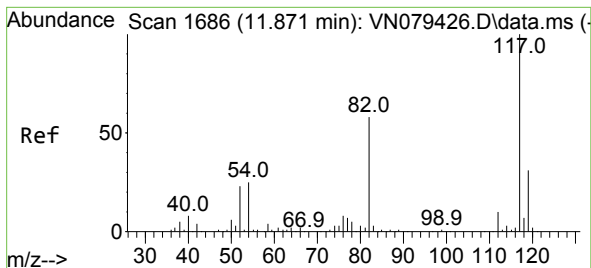
Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.8

176 73.0 0.0 135.8

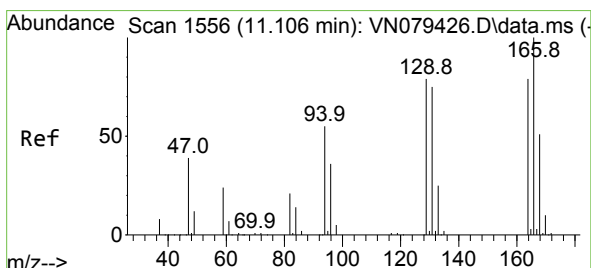
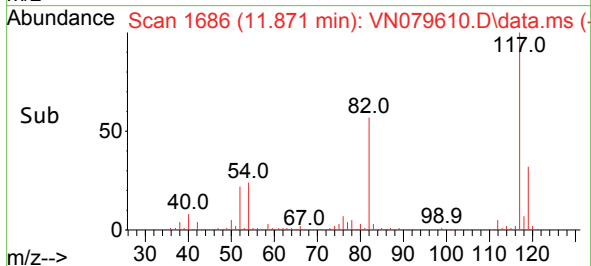
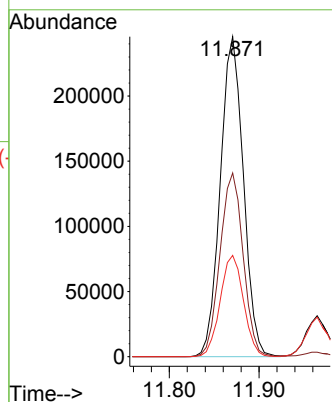
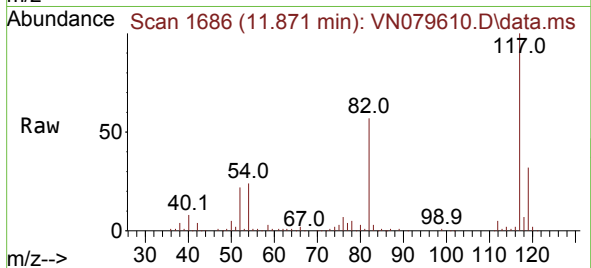




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

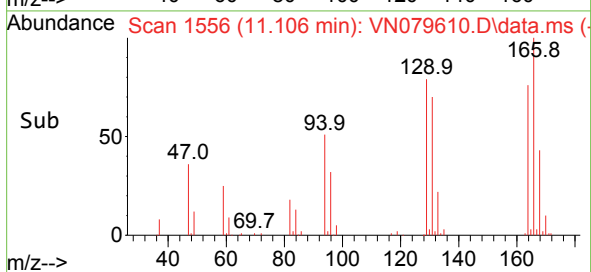
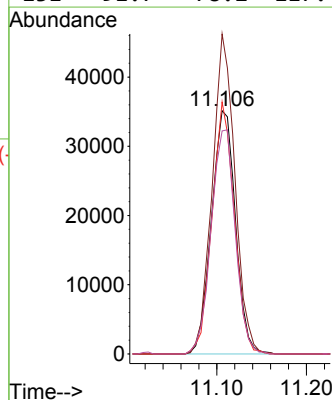
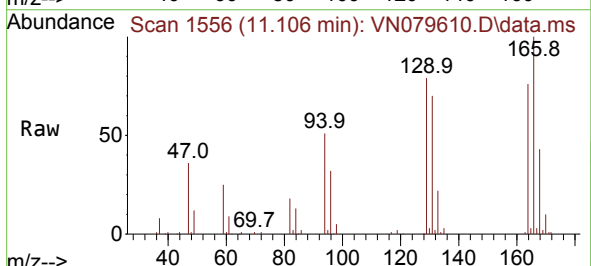
Instrument :
MSVOA_N
ClientSampleId :

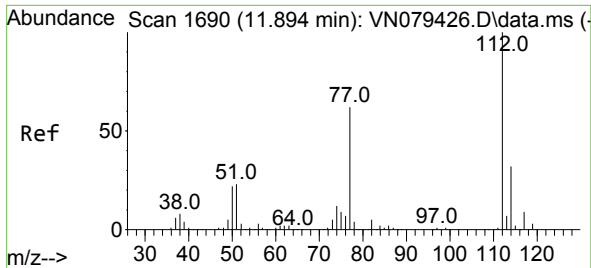
Tgt Ion:117 Resp: 438567
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 21.688 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion:164 Resp: 65432
Ion Ratio Lower Upper
164 100
166 131.6 101.4 152.0
129 103.6 82.4 123.6
131 91.7 78.2 117.4

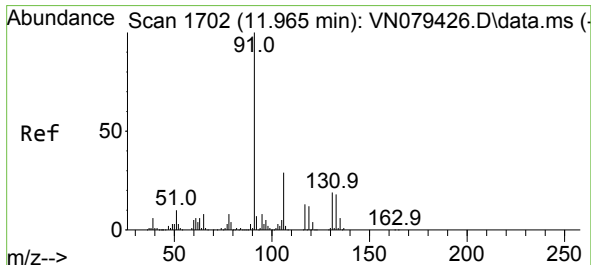
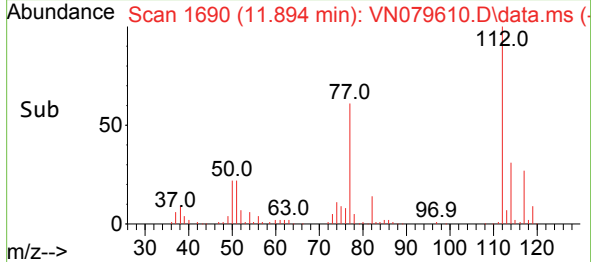
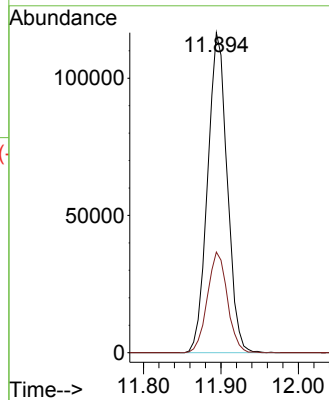
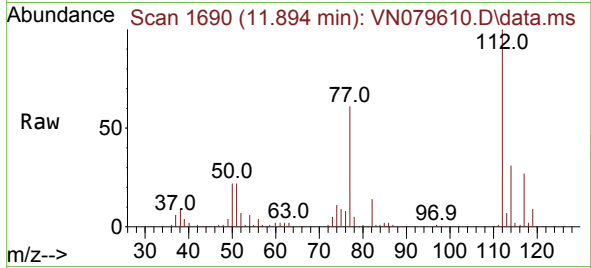




#65
Chlorobenzene
Concen: 20.906 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

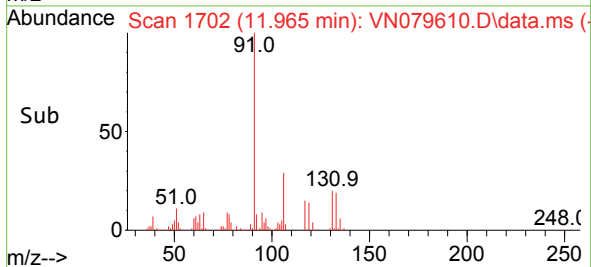
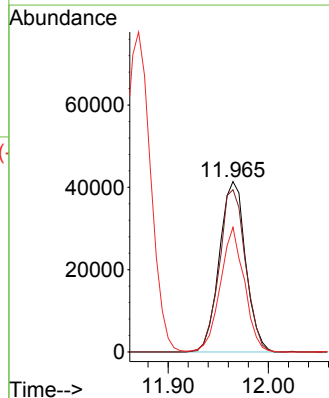
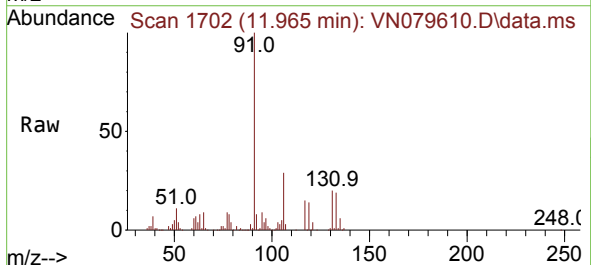
Instrument :
MSVOA_N
ClientSampleId :

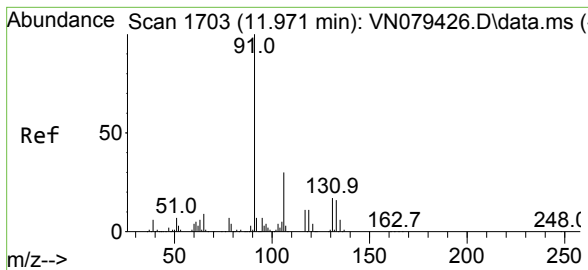
Tgt Ion:112 Resp: 204188
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.091 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion:131 Resp: 75425
Ion Ratio Lower Upper
131 100
133 95.2 46.4 139.1
119 67.1 34.1 102.2

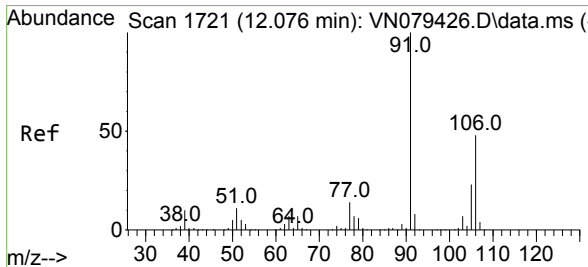
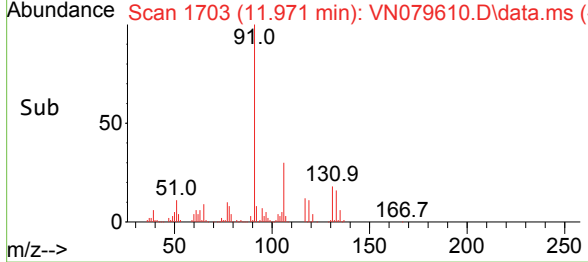
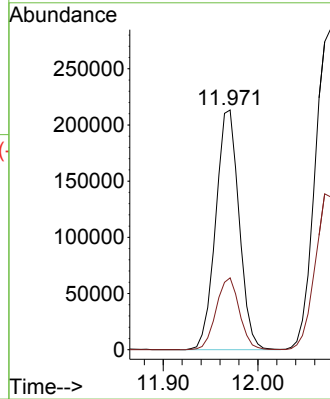
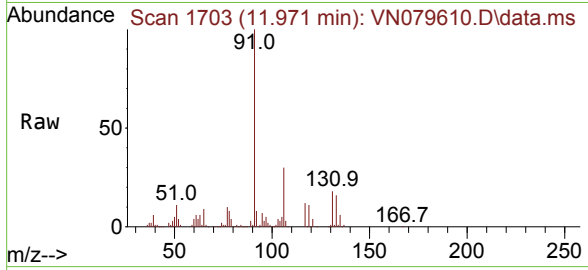




#67
Ethyl Benzene
Concen: 21.546 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

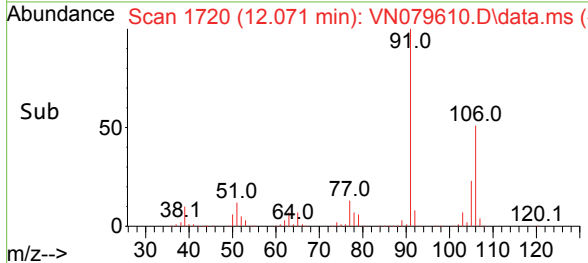
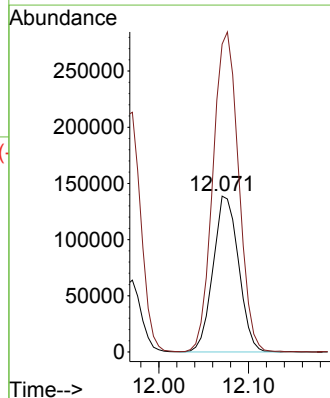
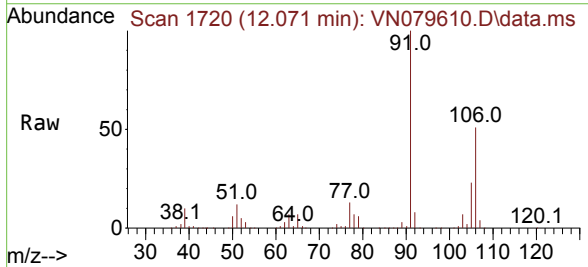
Instrument :
MSVOA_N
ClientSampleId :

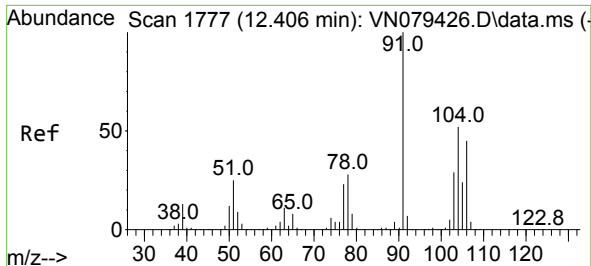
Tgt Ion: 91 Resp: 365766
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4



#68
m/p-Xylenes
Concen: 44.393 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion:106 Resp: 273823
Ion Ratio Lower Upper
106 100
91 206.2 159.6 239.4

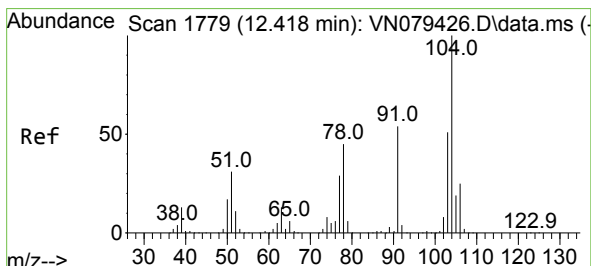
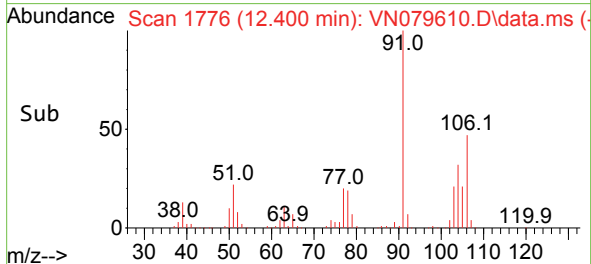
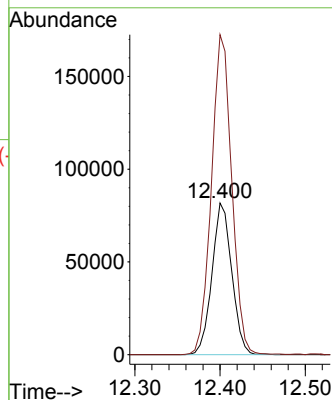
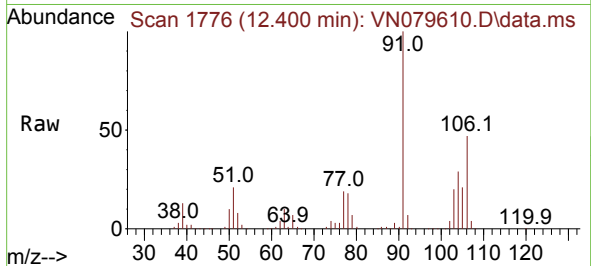




#69
o-Xylene
Concen: 21.805 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

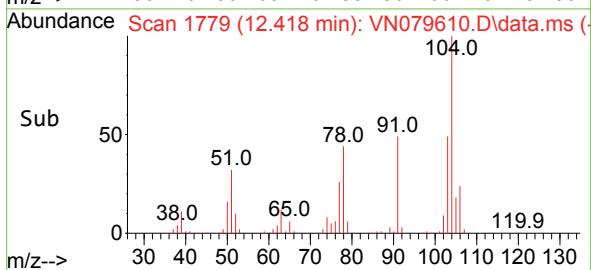
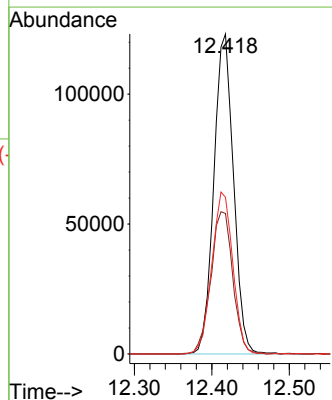
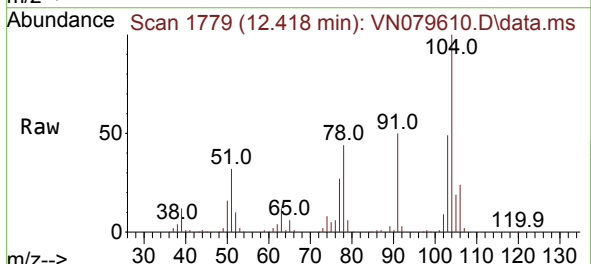
Instrument :
MSVOA_N
ClientSampleId :

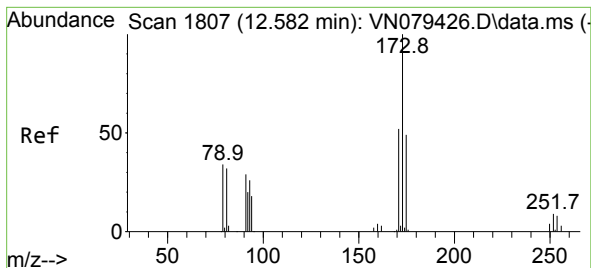
Tgt Ion:106 Resp: 132272
Ion Ratio Lower Upper
106 100
91 216.6 105.2 315.5



#70
Styrene
Concen: 22.644 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion:104 Resp: 216964
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 54.0 43.2 64.8





#71

Bromoform

Concen: 20.004 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

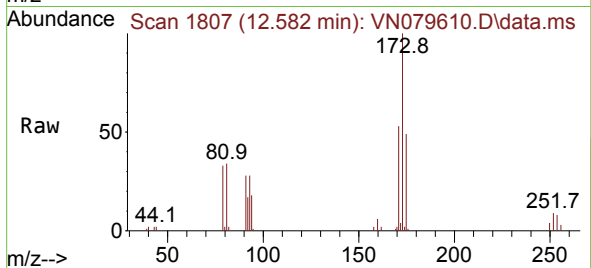
Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :



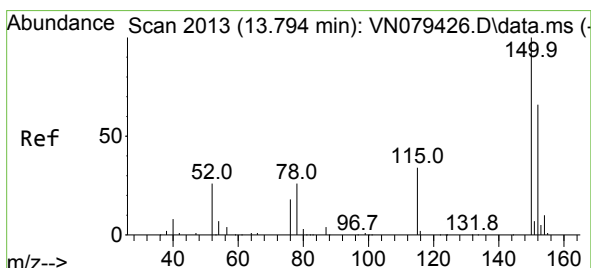
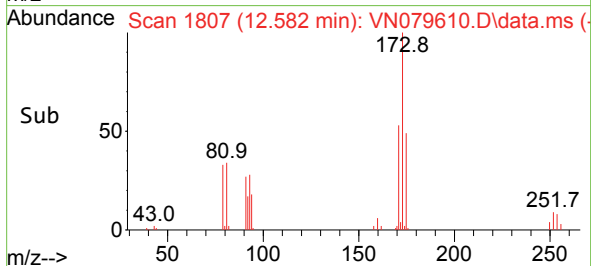
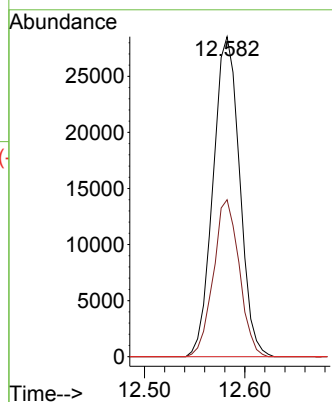
Tgt Ion:173 Resp: 52357

Ion Ratio Lower Upper

173 100

175 47.8 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: VN079610.D

Acq: 19 Oct 2023 11:28

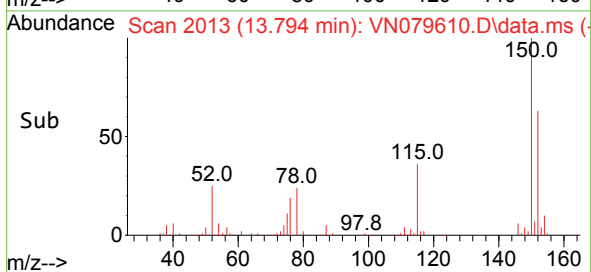
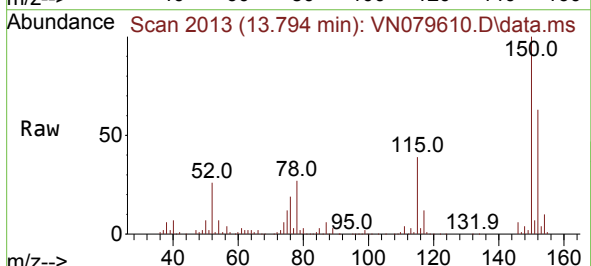
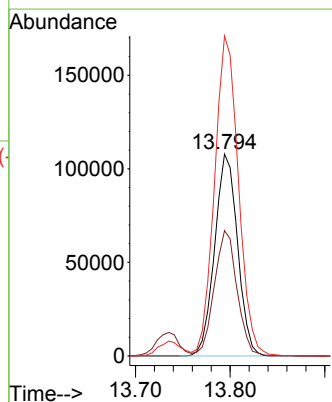
Tgt Ion:152 Resp: 181407

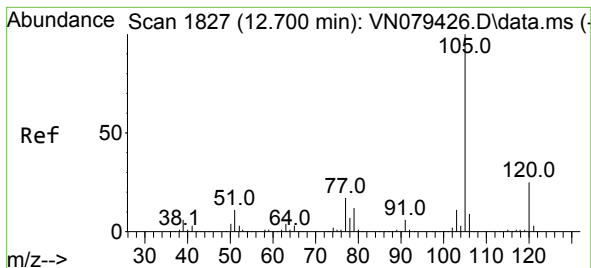
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 165.5 0.0 355.8





#73

Isopropylbenzene

Concen: 19.811 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

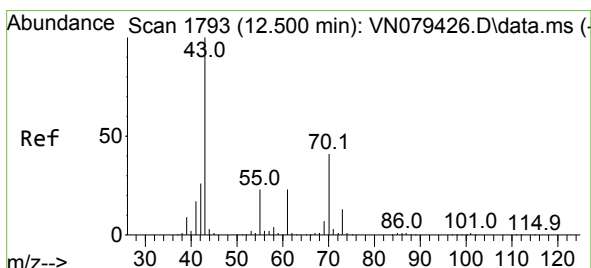
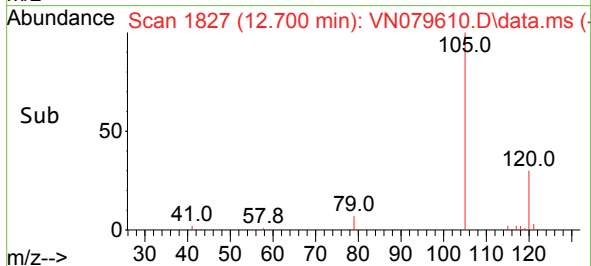
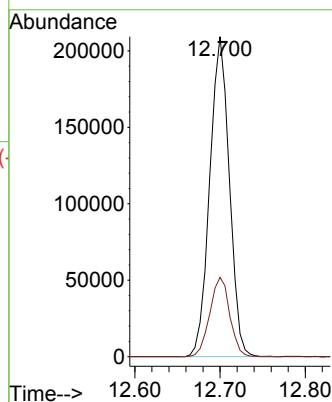
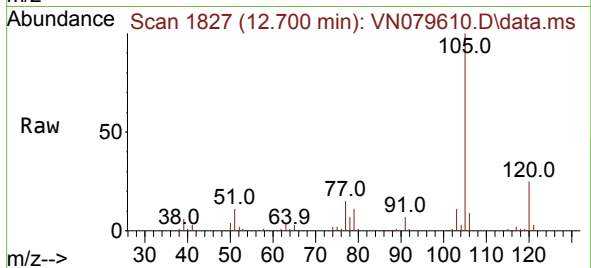
ClientSampleId :

Tgt Ion:105 Resp: 334345

Ion Ratio Lower Upper

105 100

120 25.2 13.1 39.1



#74

N-ethyl acetate

Concen: 18.140 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Tgt Ion: 43 Resp: 125510

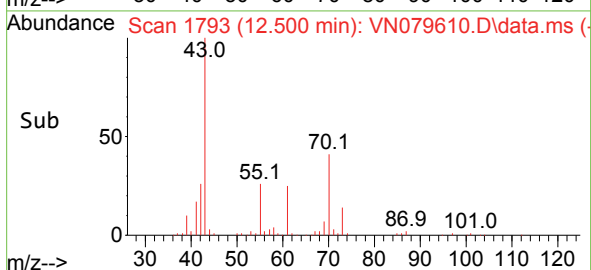
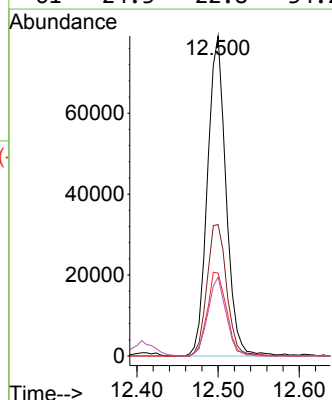
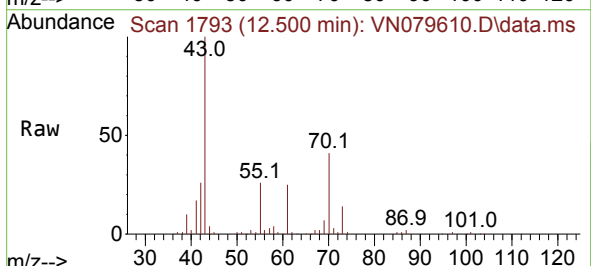
Ion Ratio Lower Upper

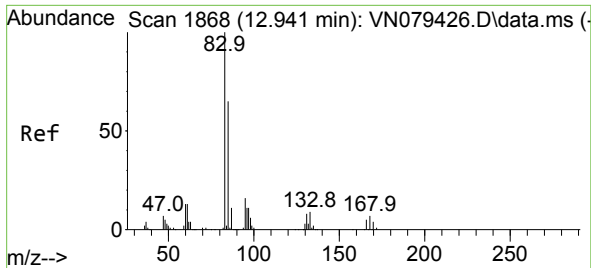
43 100

70 43.7 43.4 65.2

55 27.5 21.4 32.0

61 24.3 22.8 34.2

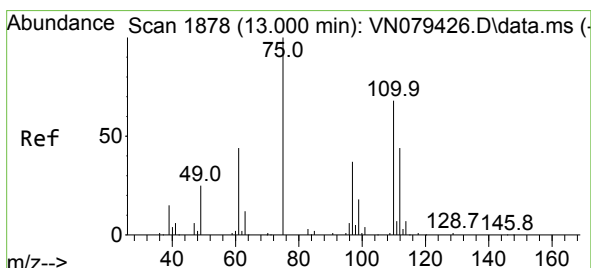
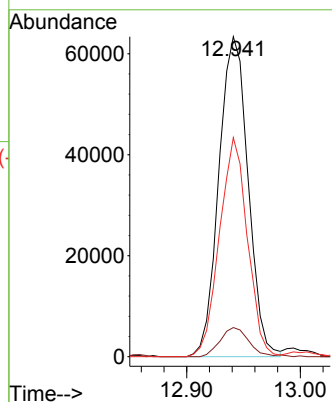
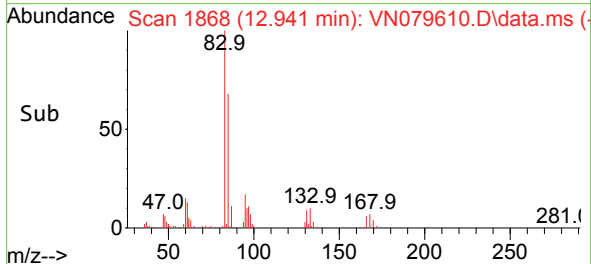
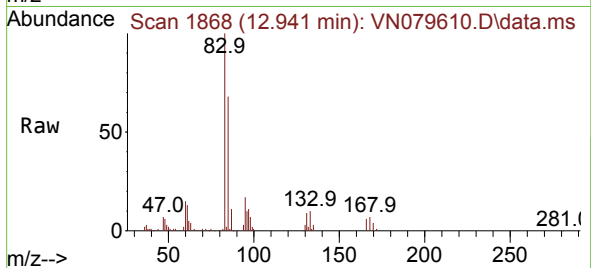




#75
1,1,2,2-Tetrachloroethane
Concen: 20.080 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

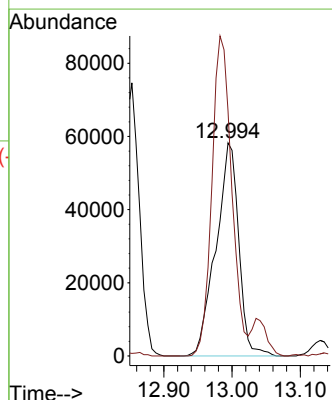
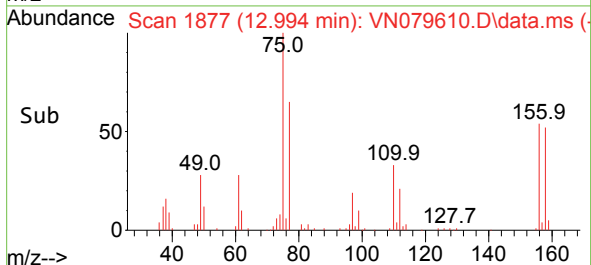
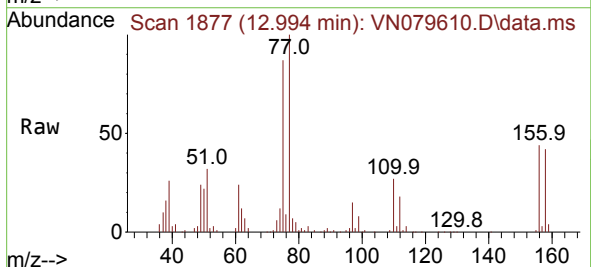
Instrument :
MSVOA_N
ClientSampleId :

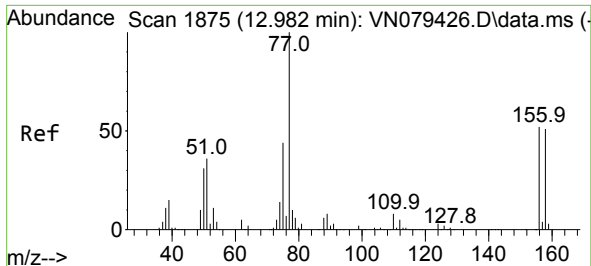
Tgt Ion: 83 Resp: 113341
Ion Ratio Lower Upper
83 100
131 9.0 5.0 15.0
85 65.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 25.885 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 75 Resp: 135392
Ion Ratio Lower Upper
75 100
77 130.6 84.5 253.5

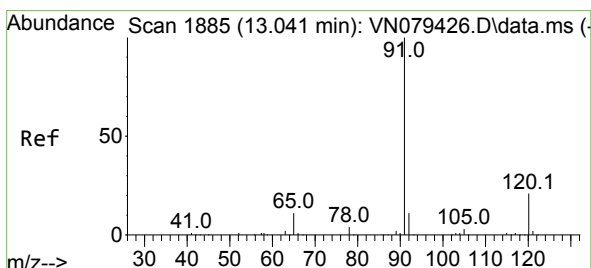
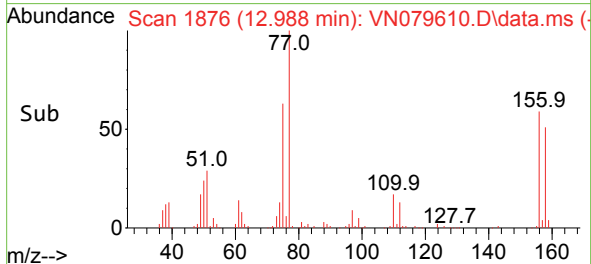
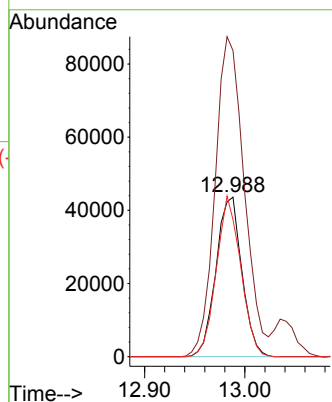
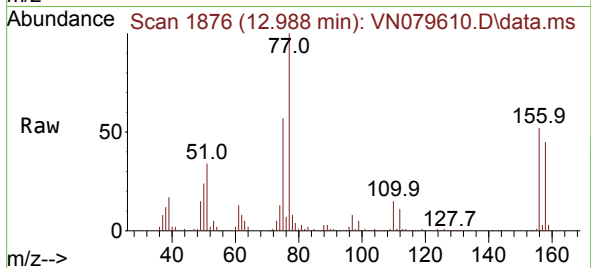




#77
Bromobenzene
Concen: 18.906 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

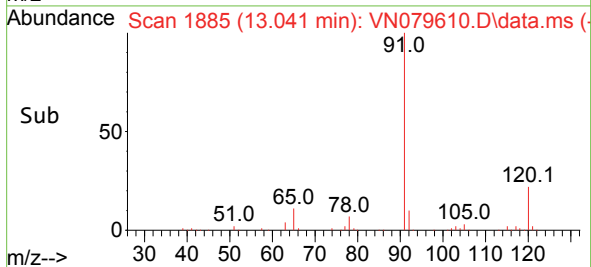
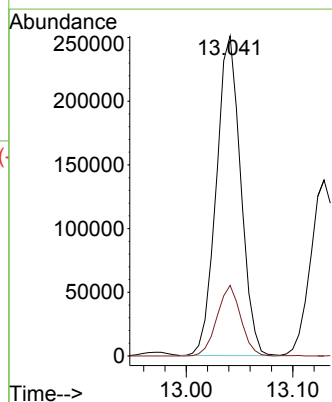
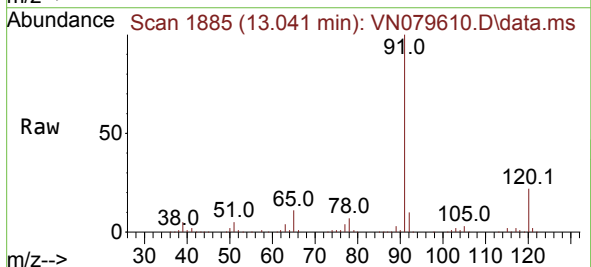
Instrument :
MSVOA_N
ClientSampleId :

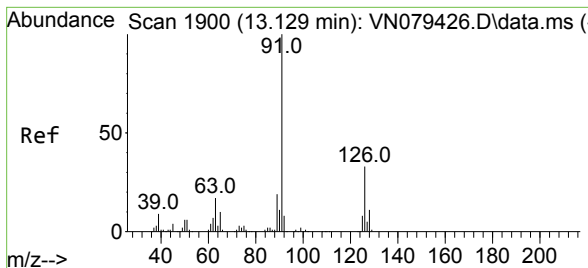
Tgt Ion:156 Resp: 78236
Ion Ratio Lower Upper
156 100
77 225.9 107.7 323.3
158 94.7 48.4 145.3



#78
n-propylbenzene
Concen: 20.850 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 91 Resp: 398120
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.350 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

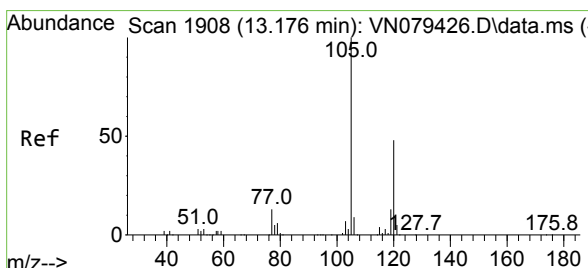
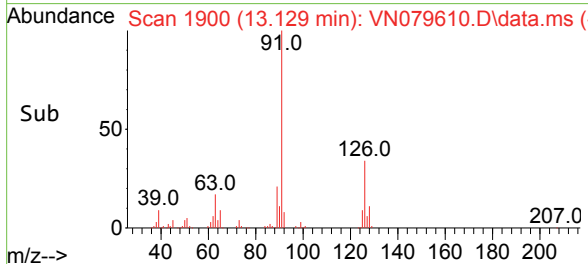
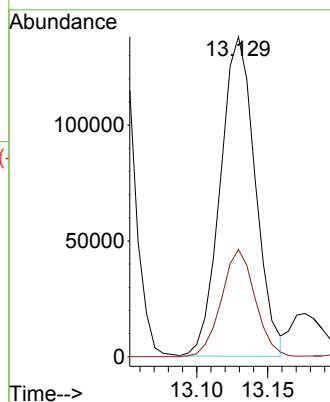
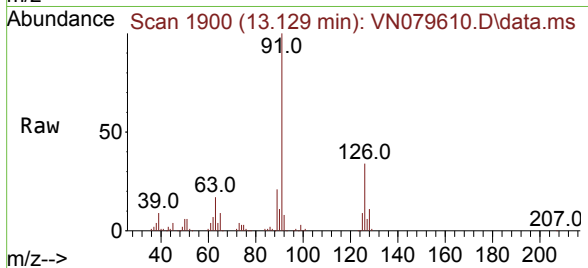
ClientSampleId :

Tgt Ion: 91 Resp: 236431

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.830 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079610.D

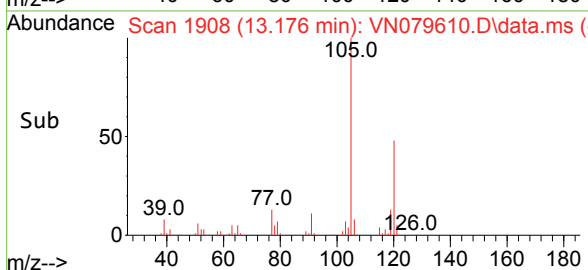
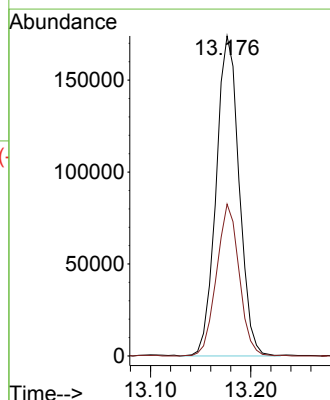
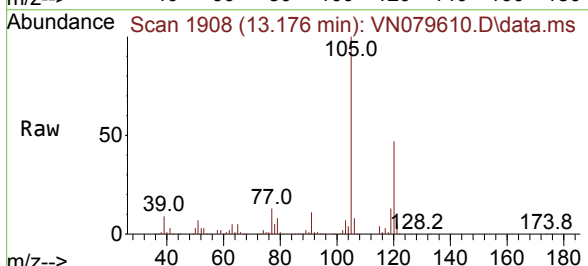
Acq: 19 Oct 2023 11:28

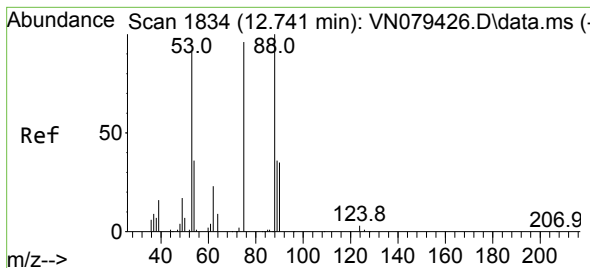
Tgt Ion: 105 Resp: 277205

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3

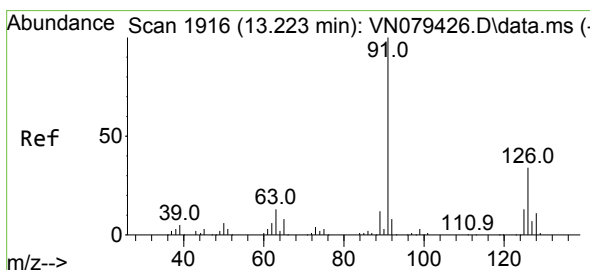
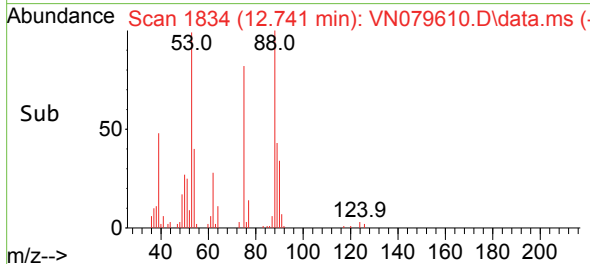
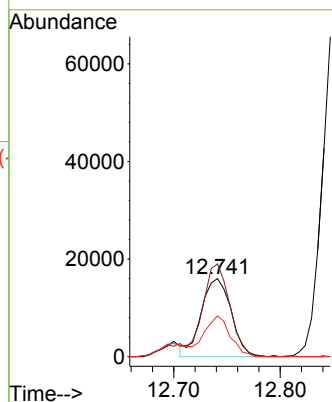
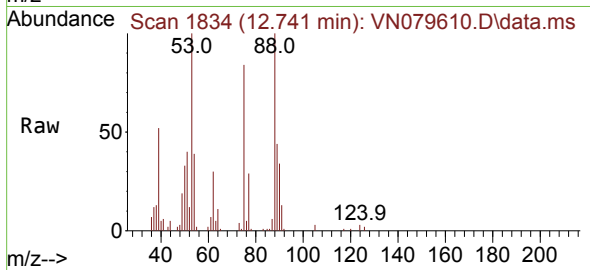




#81
trans-1,4-Dichloro-2-butene
Concen: 17.421 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

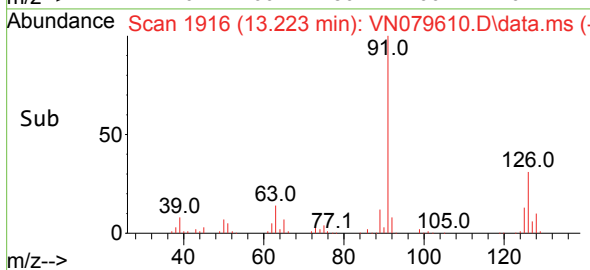
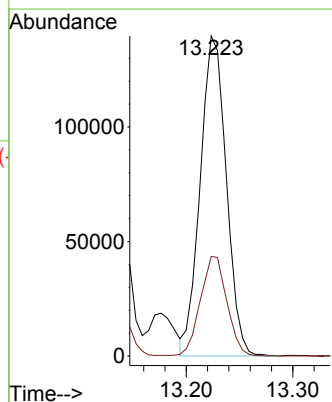
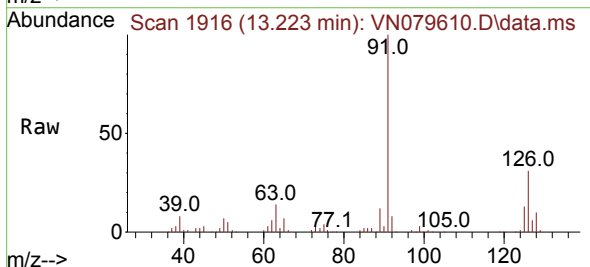
Instrument :
MSVOA_N
ClientSampleId :

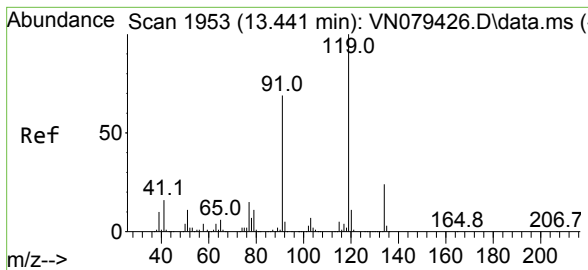
Tgt Ion: 75 Resp: 31404
Ion Ratio Lower Upper
75 100
53 119.5 67.4 101.2#
89 44.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 20.476 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion: 91 Resp: 238072
Ion Ratio Lower Upper
91 100
126 31.6 16.7 50.0

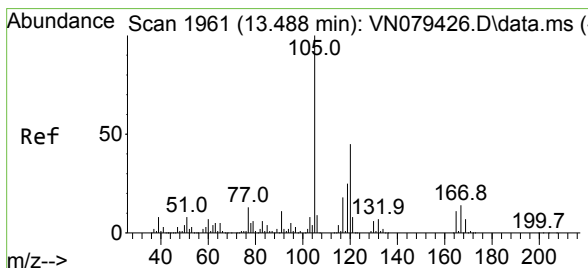
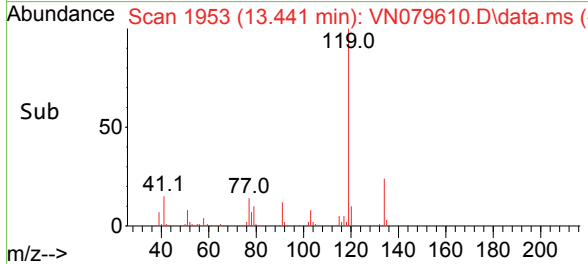
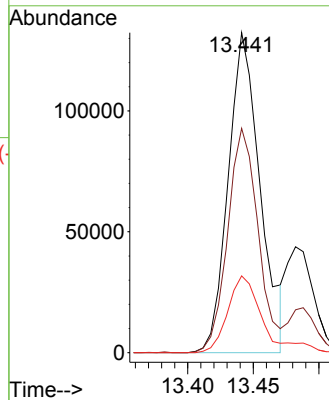
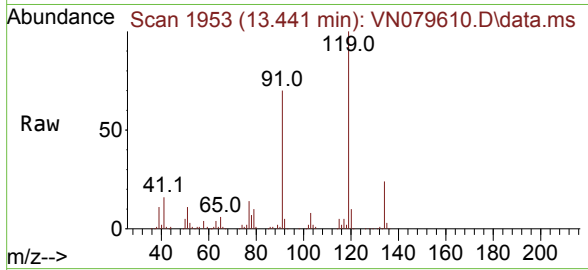




#83
tert-Butylbenzene
Concen: 20.520 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

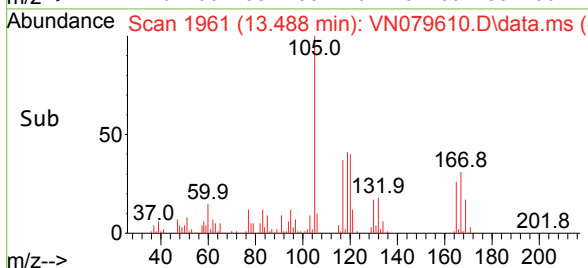
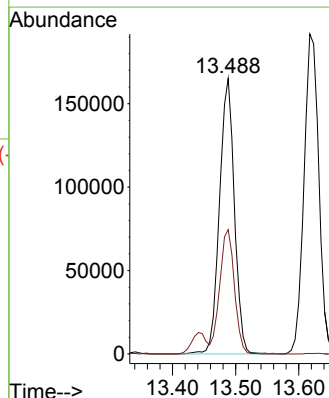
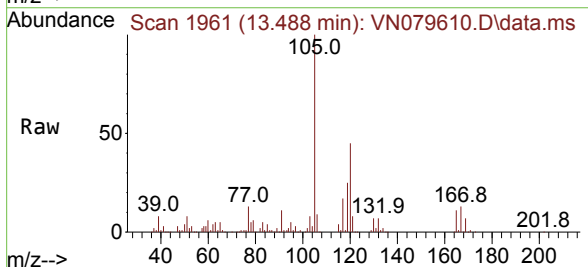
Instrument :
MSVOA_N
ClientSampleId :

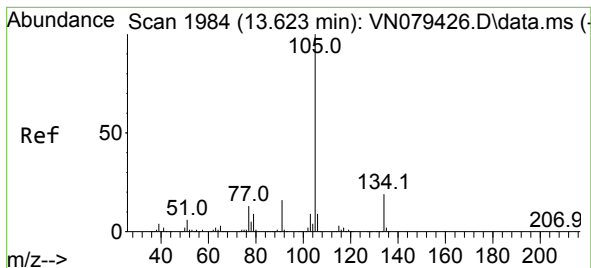
Tgt Ion:119 Resp: 223740
Ion Ratio Lower Upper
119 100
91 67.4 33.9 101.7
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 21.335 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

Tgt Ion:105 Resp: 270964
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.473 ug/l

RT: 13.618 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

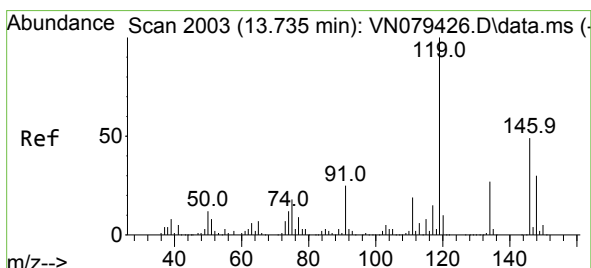
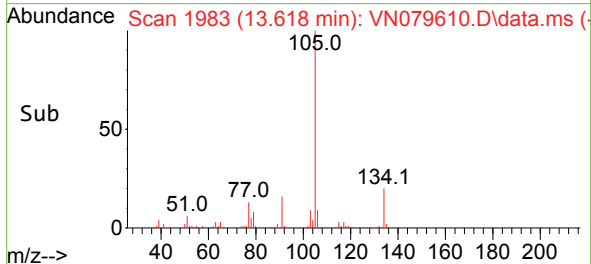
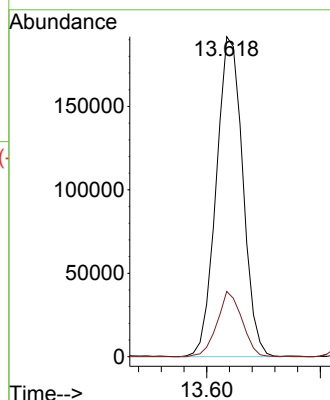
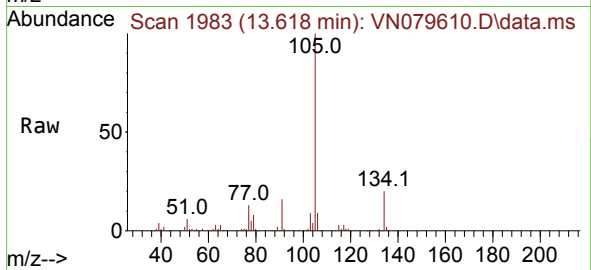
ClientSampleId :

Tgt Ion:105 Resp: 311364

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 21.245 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

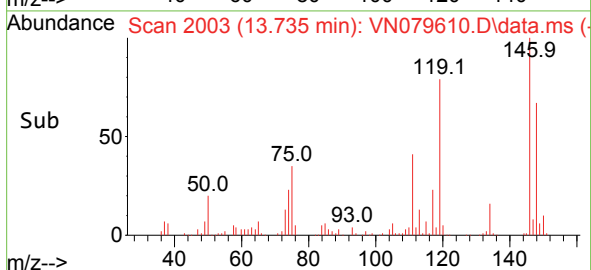
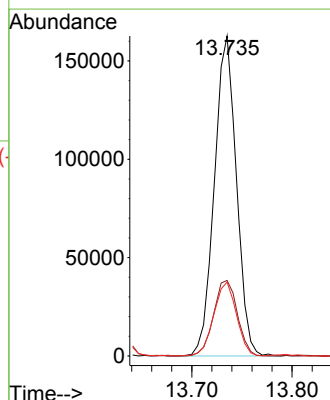
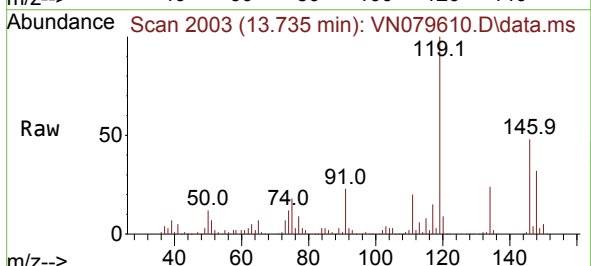
Tgt Ion:119 Resp: 247866

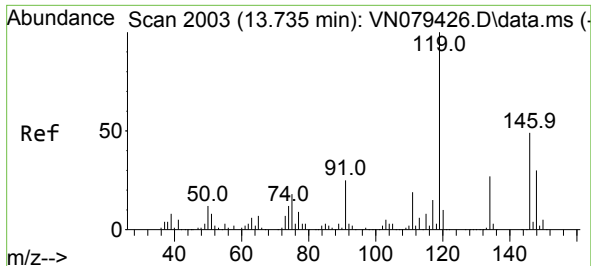
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

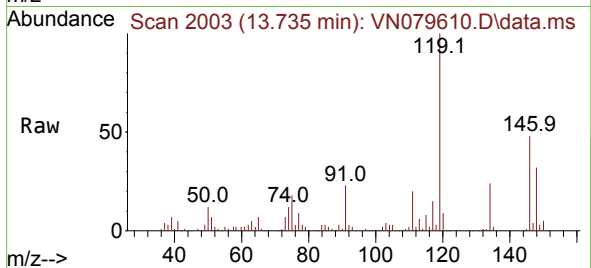
91 23.8 12.4 37.2



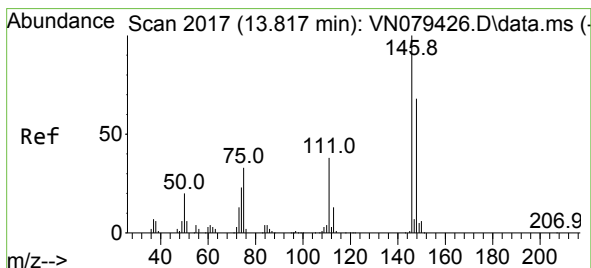
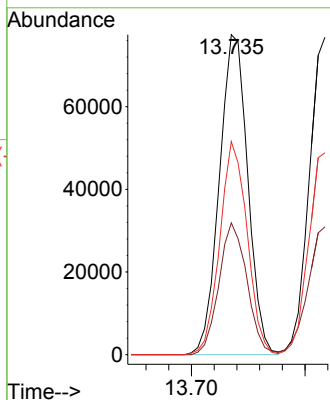
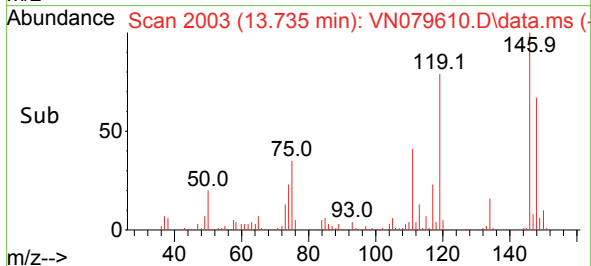


#87
 1,3-Dichlorobenzene
 Concen: 20.511 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28

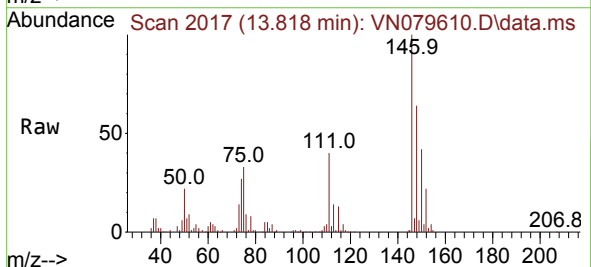
Instrument :
 MSVOA_N
 ClientSampleId :



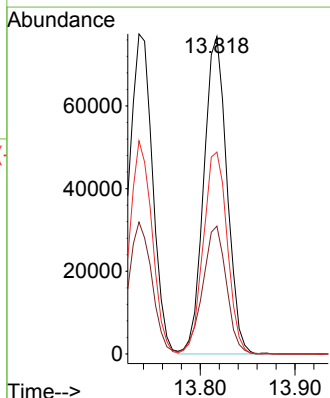
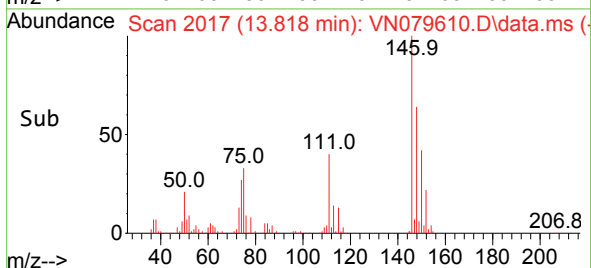
Tgt Ion:146 Resp: 134621
 Ion Ratio Lower Upper
 146 100
 111 40.6 22.1 66.3
 148 64.1 32.0 96.0

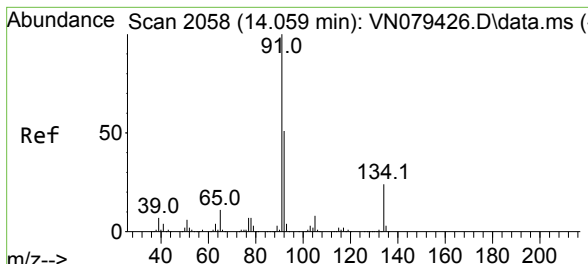


#88
 1,4-Dichlorobenzene
 Concen: 19.252 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079610.D
 Acq: 19 Oct 2023 11:28



Tgt Ion:146 Resp: 130474
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.8
 148 65.7 31.6 94.8

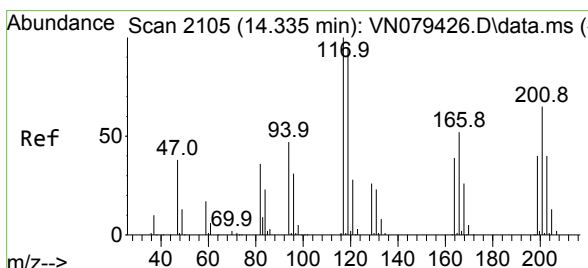
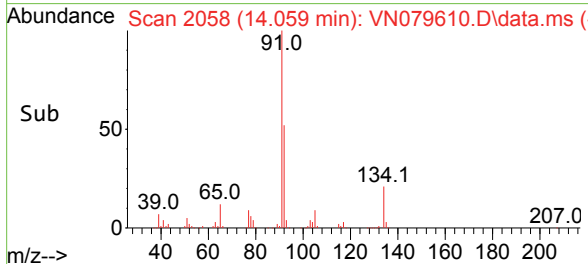
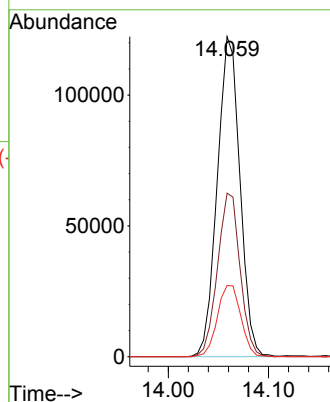
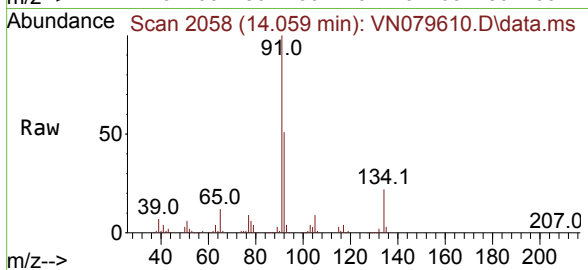




#89
n-Butylbenzene
Concen: 20.616 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

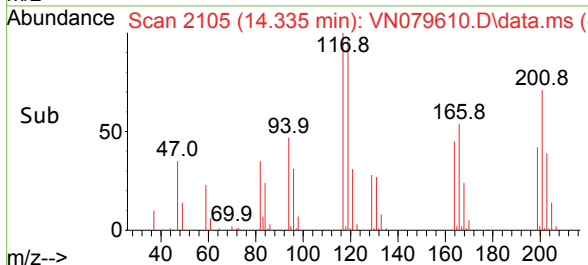
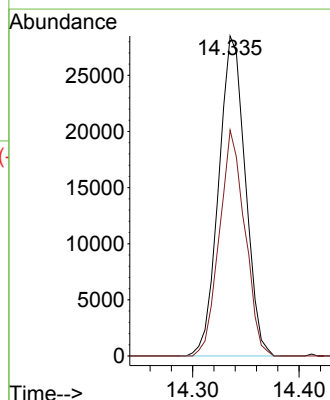
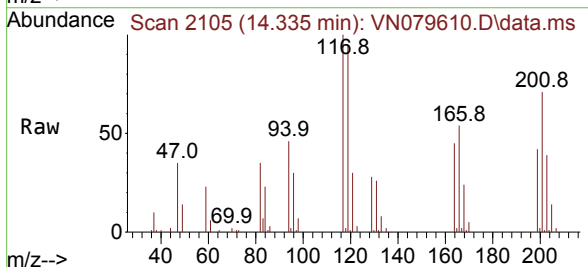
Instrument :
MSVOA_N
ClientSampleId :

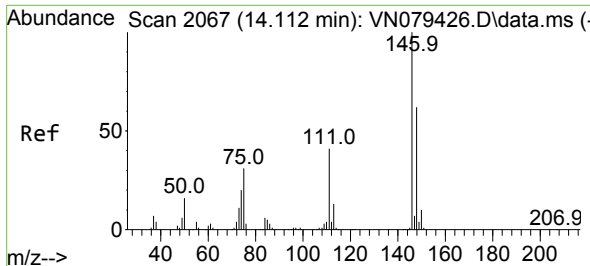
Tgt Ion: 91 Resp: 192077
Ion Ratio Lower Upper
91 100
92 50.9 26.4 79.0
134 23.1 12.6 37.6



#90
Hexachloroethane
Concen: 20.234 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

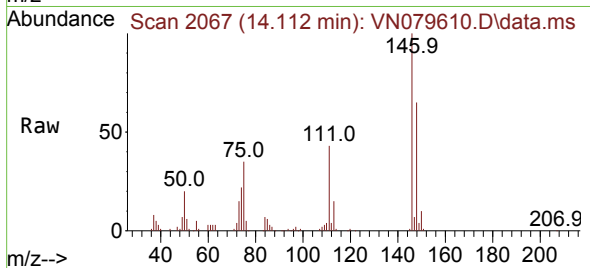
Tgt Ion: 117 Resp: 49400
Ion Ratio Lower Upper
117 100
201 67.6 29.3 88.0



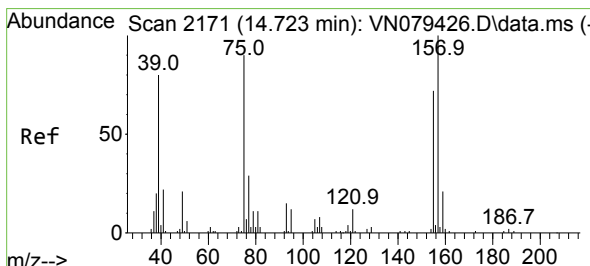
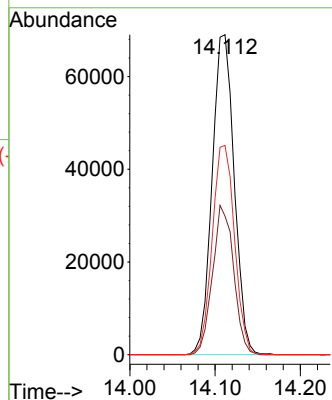
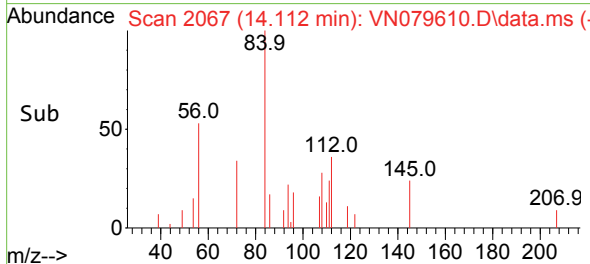


#91
1,2-Dichlorobenzene
Concen: 19.422 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28

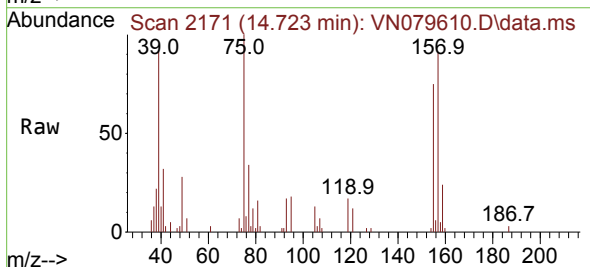
Instrument :
MSVOA_N
ClientSampleId :



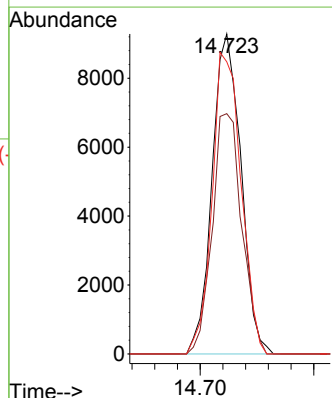
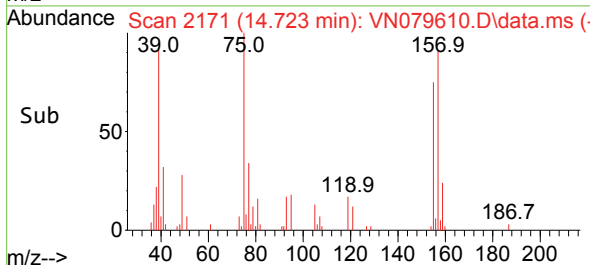
Tgt Ion:146 Resp: 124346
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 66.1 31.8 95.3

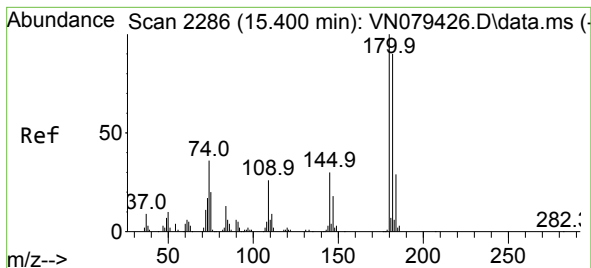


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.790 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079610.D
Acq: 19 Oct 2023 11:28



Tgt Ion: 75 Resp: 16385
Ion Ratio Lower Upper
75 100
155 77.0 39.1 117.2
157 94.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.523 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

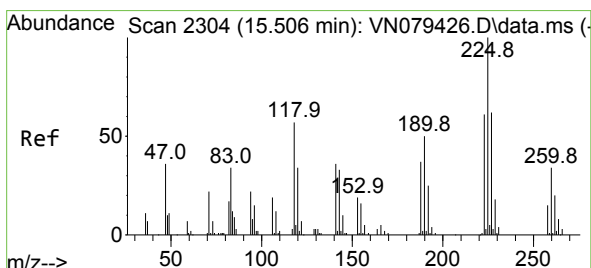
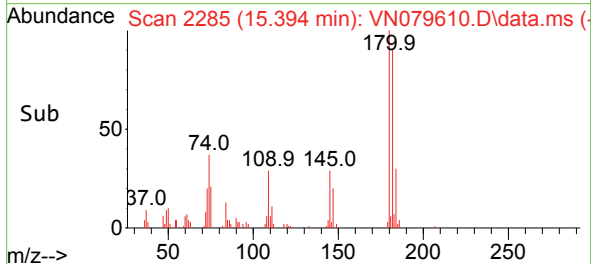
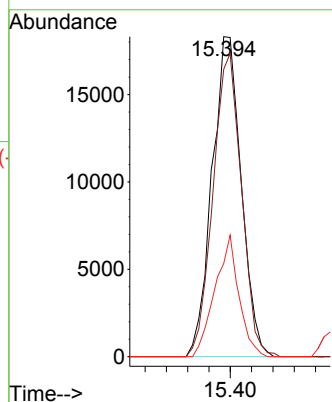
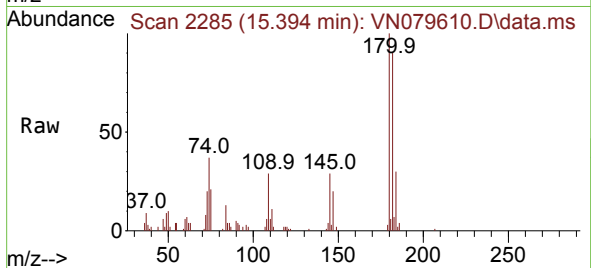
Tgt Ion:180 Resp: 34745

Ion Ratio Lower Upper

180 100

182 92.2 46.1 138.2

145 31.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.921 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

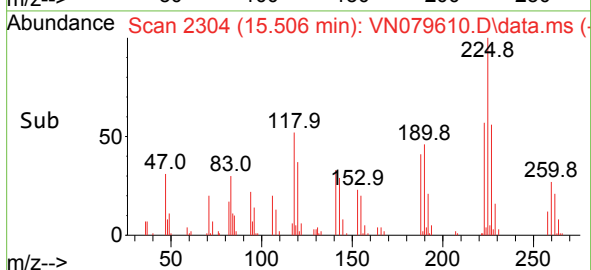
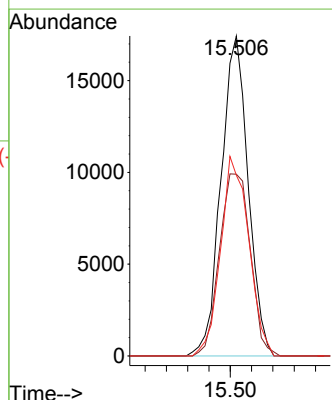
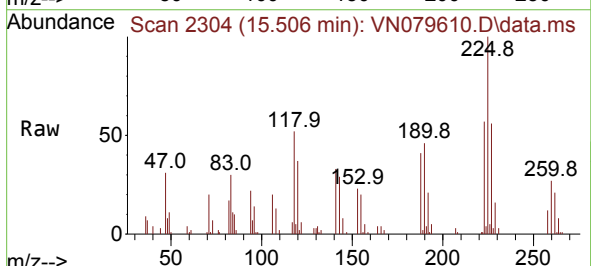
Tgt Ion:225 Resp: 30764

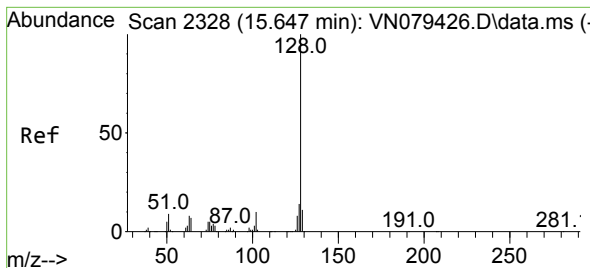
Ion Ratio Lower Upper

225 100

223 64.8 31.3 93.8

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 14.181 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Instrument :

MSVOA_N

ClientSampleId :

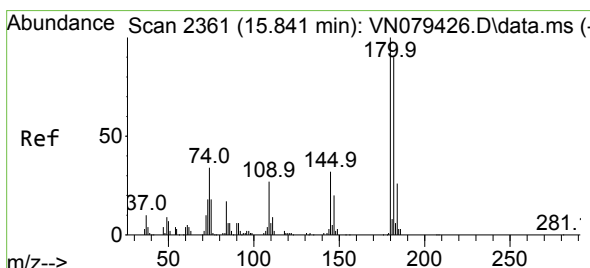
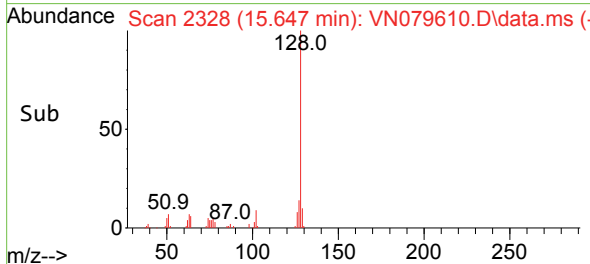
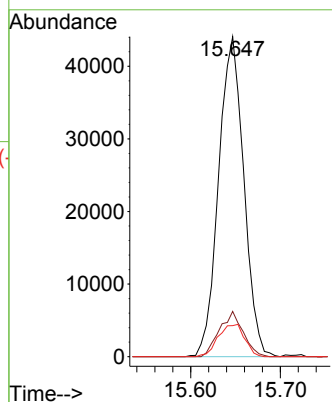
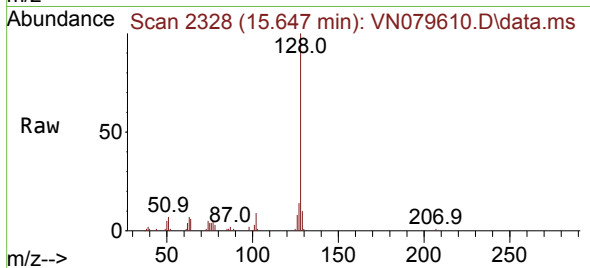
Tgt Ion:128 Resp: 85864

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.066 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079610.D

Acq: 19 Oct 2023 11:28

Tgt Ion:180 Resp: 38016

Ion Ratio Lower Upper

180 100

182 95.2 46.2 138.6

145 33.3 17.5 52.6

