

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079702.D
 Acq On : 26 Oct 2023 18:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 01:24:11 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	283435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	495375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	450949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229150	49.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.720%
35) Dibromofluoromethane	8.171	113	181269	50.919	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	10.571	98	672300	52.193	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.853	95	231990	56.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	167876	41.334	ug/l	100
3) Chloromethane	2.365	50	191865	37.860	ug/l	99
4) Vinyl Chloride	2.518	62	216371	41.047	ug/l	97
5) Bromomethane	2.942	94	126732	40.161	ug/l	98
6) Chloroethane	3.118	64	137196	34.523	ug/l	97
7) Trichlorofluoromethane	3.495	101	271582	43.636	ug/l	98
8) Diethyl Ether	3.965	74	106702	48.090	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	157962	43.431	ug/l	99
10) Methyl Iodide	4.595	142	177973	56.391	ug/l	98
11) Tert butyl alcohol	5.530	59	148667	214.935	ug/l	99
12) 1,1-Dichloroethene	4.342	96	144848	43.254	ug/l #	83
13) Acrolein	4.183	56	173631	252.104	ug/l	96
14) Allyl chloride	5.030	41	237461	43.940	ug/l	90
15) Acrylonitrile	5.724	53	485619	242.167	ug/l	98
16) Acetone	4.430	43	450748	247.283	ug/l	92
17) Carbon Disulfide	4.712	76	370297	35.449	ug/l	99
18) Methyl Acetate	5.030	43	403234	45.197	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	556896	51.181	ug/l	94
20) Methylene Chloride	5.283	84	183803	45.999	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	163473	41.795	ug/l #	74
22) Diisopropyl ether	6.677	45	612841	50.572	ug/l #	90
23) Vinyl Acetate	6.606	43	1693385	248.428	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	341468	46.042	ug/l	96
25) 2-Butanone	7.489	43	678653	250.849	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	279282	49.275	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	201590	47.443	ug/l	85
28) Bromochloromethane	7.818	49	148398	42.054	ug/l #	73
29) Tetrahydrofuran	7.847	42	438401	250.555	ug/l #	76
30) Chloroform	7.971	83	357314	47.684	ug/l	94
31) Cyclohexane	8.259	56	264173	40.525	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	299628	47.514	ug/l	95
36) 1,1-Dichloropropene	8.377	75	249721	46.738	ug/l	95
37) Ethyl Acetate	7.565	43	262681	49.409	ug/l #	92
38) Carbon Tetrachloride	8.365	117	252280	47.165	ug/l	99
39) Methylcyclohexane	9.606	83	247318	48.179	ug/l #	86
40) Benzene	8.612	78	768448	48.428	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	138277	49.473	ug/l	87
42) 1,2-Dichloroethane	8.677	62	281822	48.879	ug/l	97
43) Isopropyl Acetate	8.694	43	443433	47.608	ug/l #	90
44) Trichloroethene	9.359	130	181137	48.501	ug/l	96
45) 1,2-Dichloropropane	9.630	63	205247	49.093	ug/l	98
46) Dibromomethane	9.712	93	136975	50.587	ug/l	96
47) Bromodichloromethane	9.894	83	282871	50.786	ug/l	99
48) Methyl methacrylate	9.688	41	208871	52.332	ug/l #	81
49) 1,4-Dioxane	9.700	88	73456	999.155	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1397508	265.794	ug/l	89
52) Toluene	10.635	92	473410	50.685	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	290525	51.759	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	317737	51.710	ug/l #	87
55) 1,1,2-Trichloroethane	11.024	97	191134	50.971	ug/l	96
56) Ethyl methacrylate	10.877	69	294328	57.121	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	335788	51.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	528496	267.820	ug/l	89
59) 2-Hexanone	11.200	43	1020970	269.093	ug/l	89
60) Dibromochloromethane	11.365	129	195793	51.953	ug/l	98
61) 1,2-Dibromoethane	11.471	107	188221	50.579	ug/l	97
64) Tetrachloroethene	11.106	164	141885	45.737	ug/l	97
65) Chlorobenzene	11.894	112	483052	48.100	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	182917	49.745	ug/l	98
67) Ethyl Benzene	11.971	91	902717	51.716	ug/l	96
68) m/p-Xylenes	12.076	106	664118	104.712	ug/l	92
69) o-Xylene	12.406	106	327042	52.433	ug/l	93
70) Styrene	12.418	104	539637	54.773	ug/l	97
71) Bromoform	12.582	173	136083	50.566	ug/l #	98
73) Isopropylbenzene	12.700	105	837164	44.857	ug/l	99
74) N-amyl acetate	12.500	43	361734	47.279	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	289375	47.989	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	349811	60.478	ug/l	70
77) Bromobenzene	12.982	156	190079	41.537	ug/l	91
78) n-propylbenzene	13.041	91	978191	46.325	ug/l	98
79) 2-Chlorotoluene	13.129	91	594046	43.965	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	689584	46.857	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	86700	43.492	ug/l #	74
82) 4-Chlorotoluene	13.223	91	583741	45.401	ug/l	98
83) tert-Butylbenzene	13.441	119	591904	49.090	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	684855	48.762	ug/l	100
85) sec-Butylbenzene	13.618	105	808333	48.063	ug/l	99
86) p-Isopropyltoluene	13.735	119	648253	50.244	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	336512	46.363	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	325353	43.413	ug/l	99
89) n-Butylbenzene	14.059	91	525812	51.035	ug/l	99
90) Hexachloroethane	14.335	117	124860	47.619	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	324036	45.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46958	43.513	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	108155	49.325	ug/l	97
94) Hexachlorobutadiene	15.506	225	77890	45.609	ug/l	98
95) Naphthalene	15.647	128	293264	43.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	115566	44.165	ug/l	99

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QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

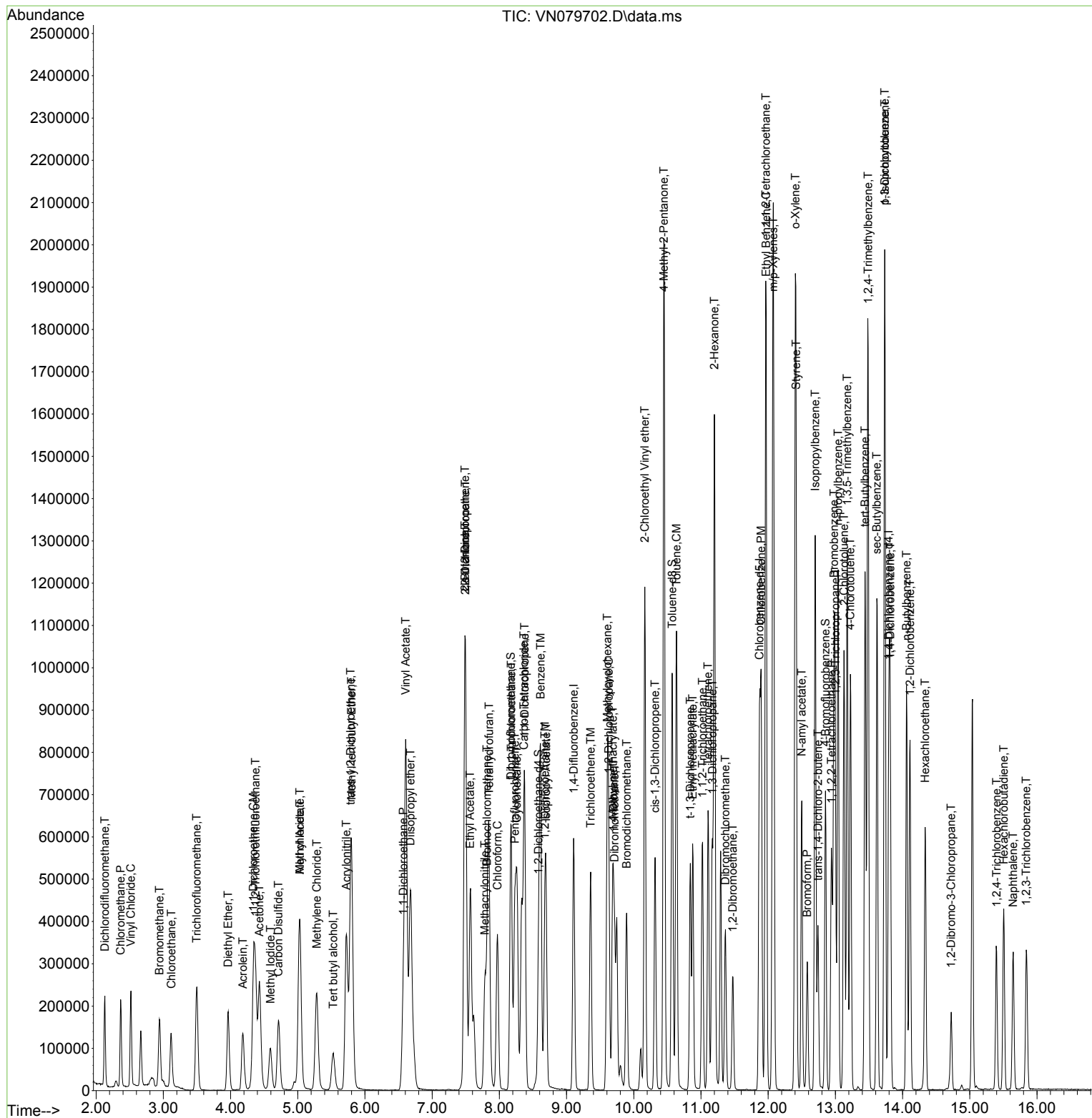
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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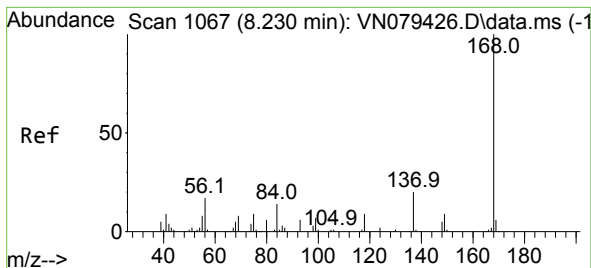
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VN079702.D

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Instrument :

MSVOA_N

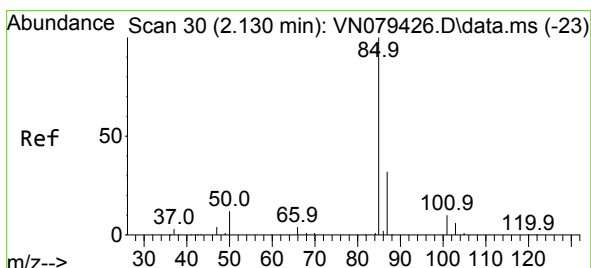
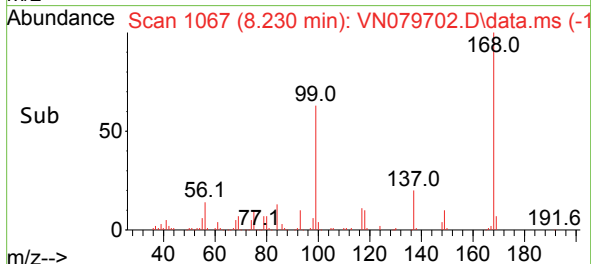
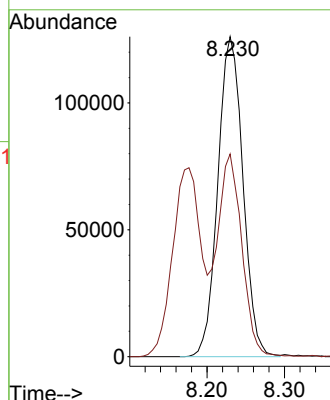
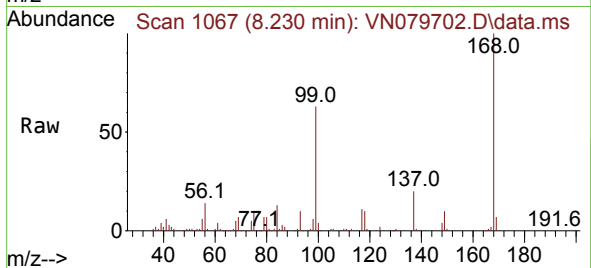
ClientSampleId :

Tgt Ion:168 Resp: 283435

Ion Ratio Lower Upper

168 100

99 62.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 41.334 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.000 min

Lab File: VN079702.D

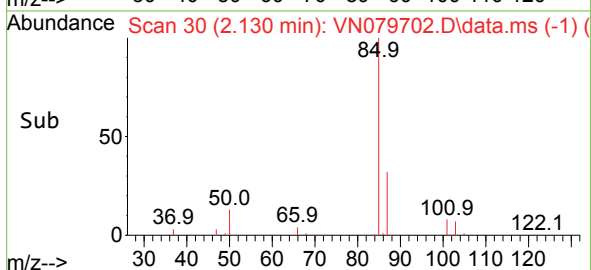
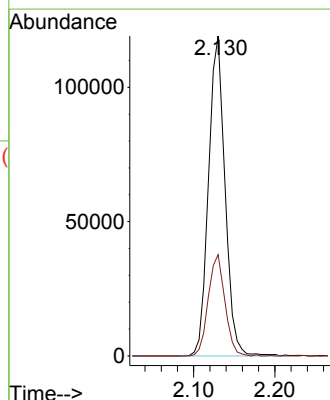
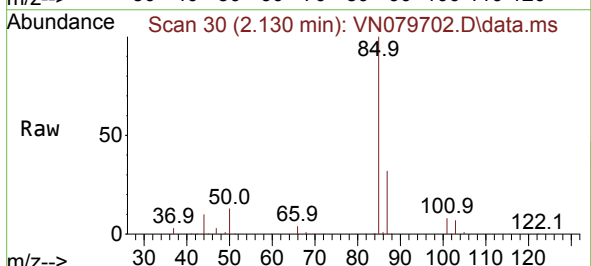
Acq: 26 Oct 2023 18:12

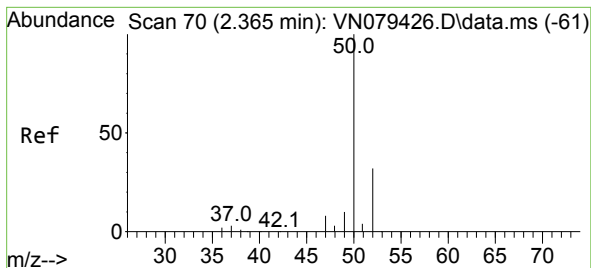
Tgt Ion: 85 Resp: 167876

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4





#3

Chloromethane

Concen: 37.860 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

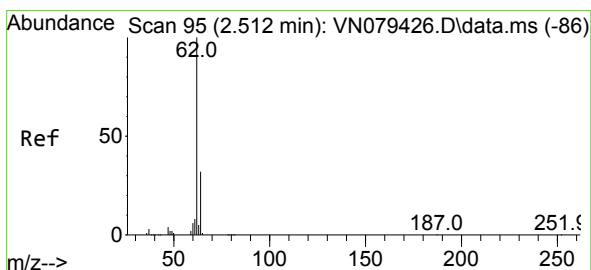
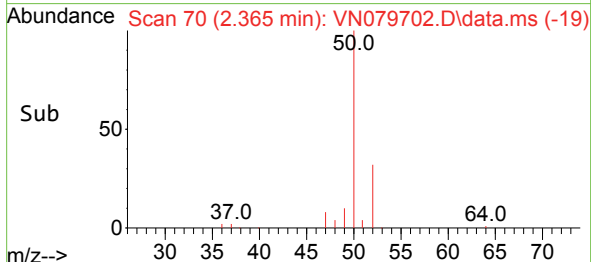
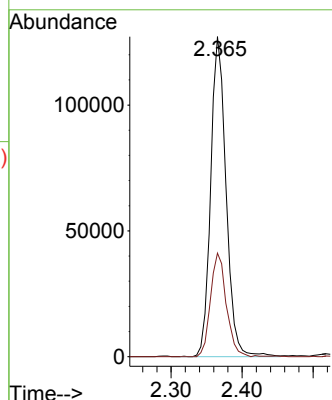
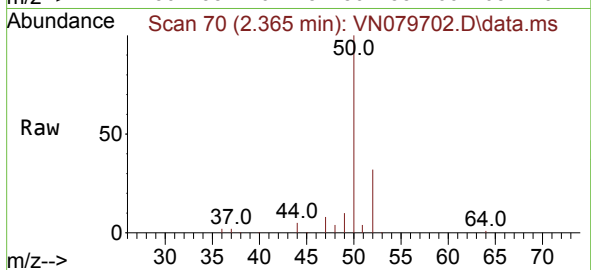
ClientSampleId :

Tgt Ion: 50 Resp: 191865

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 41.047 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079702.D

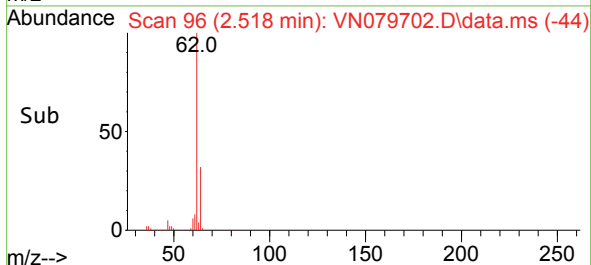
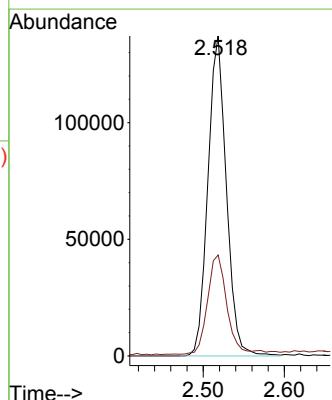
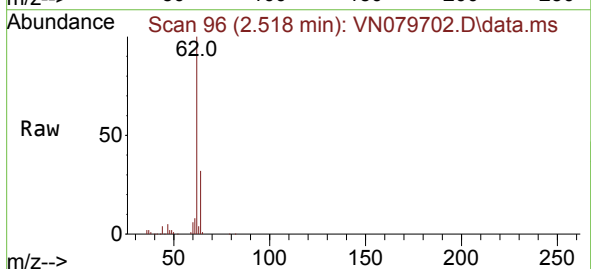
Acq: 26 Oct 2023 18:12

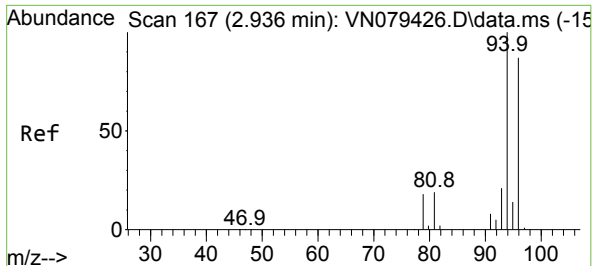
Tgt Ion: 62 Resp: 216371

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.2





#5

Bromomethane

Concen: 40.161 ug/l

RT: 2.942 min Scan# 1

Delta R.T. 0.006 min

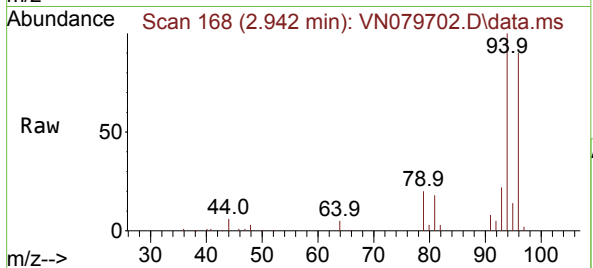
Lab File: VN079702.D

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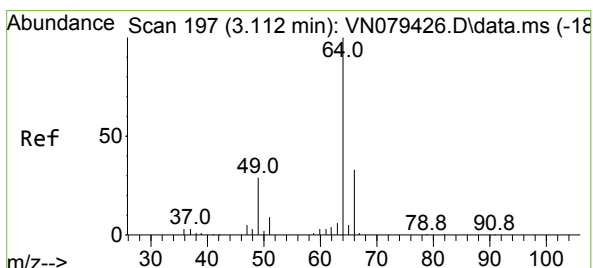
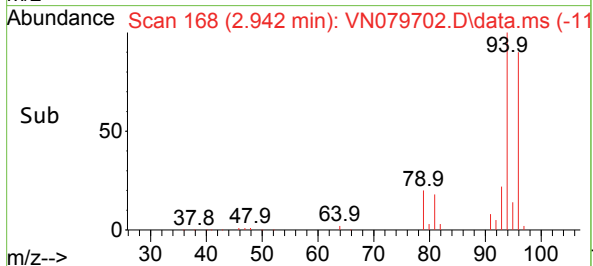
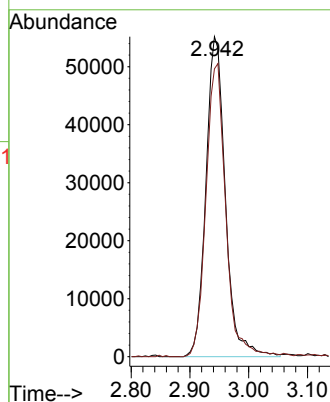


Tgt Ion: 94 Resp: 126732

Ion Ratio Lower Upper

94 100

96 90.0 73.1 109.7



#6

Chloroethane

Concen: 34.523 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN079702.D

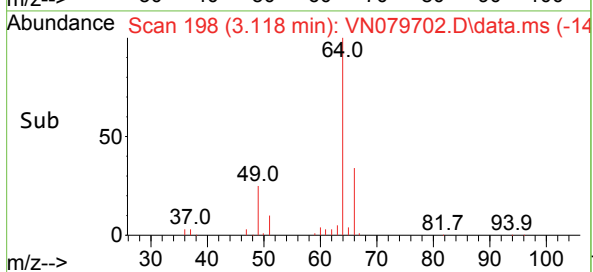
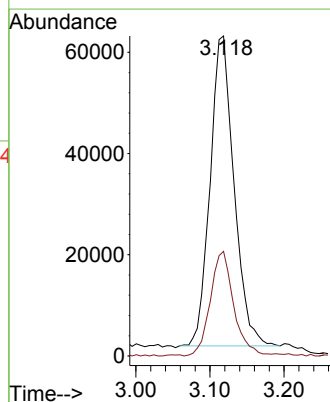
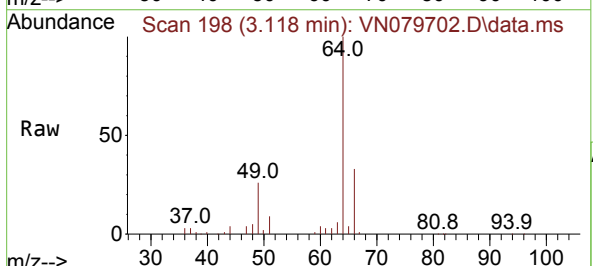
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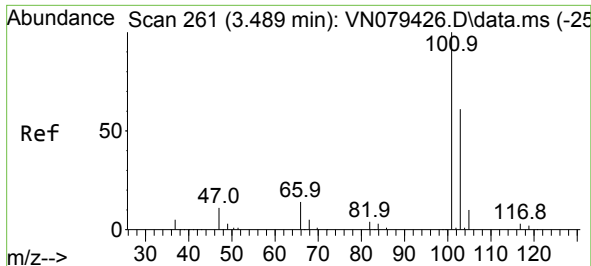
Tgt Ion: 64 Resp: 137196

Ion Ratio Lower Upper

64 100

66 33.4 25.4 38.2

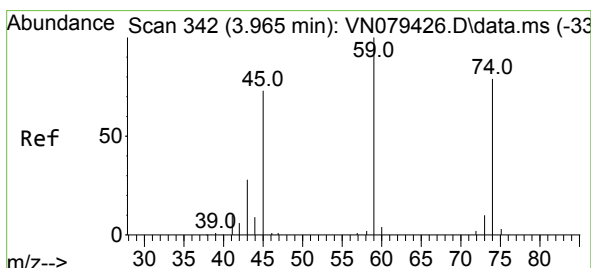
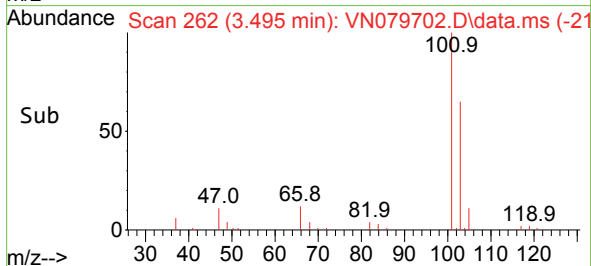
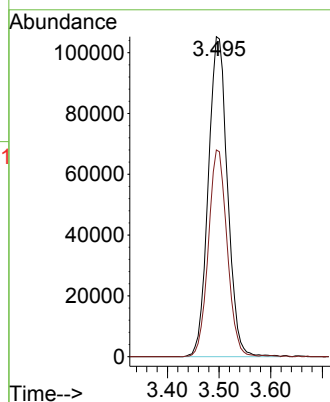
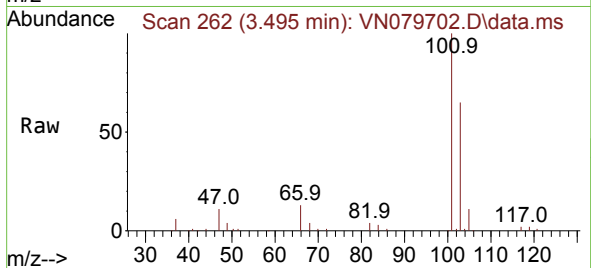




#7
Trichlorofluoromethane
Concen: 43.636 ug/l
RT: 3.495 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

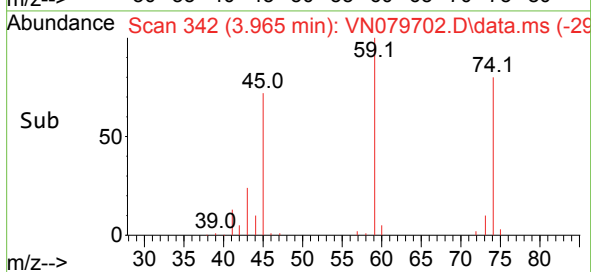
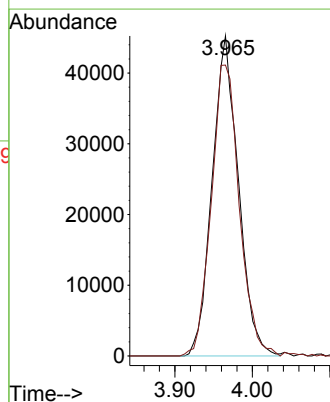
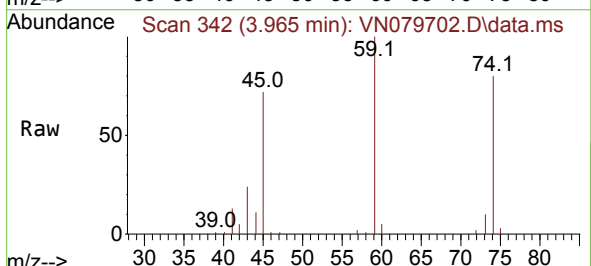
Instrument :
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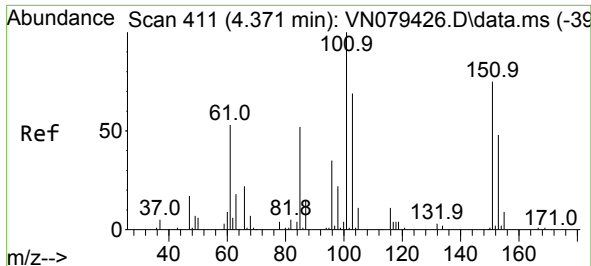
Tgt Ion:101 Resp: 271582
Ion Ratio Lower Upper
101 100
103 64.6 50.7 76.1



#8
Diethyl Ether
Concen: 48.090 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079702.D
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Tgt Ion: 74 Resp: 106702
Ion Ratio Lower Upper
74 100
45 97.1 34.4 103.3

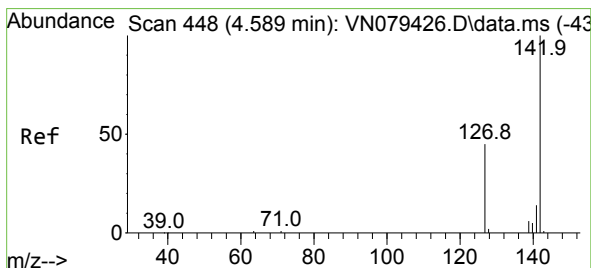
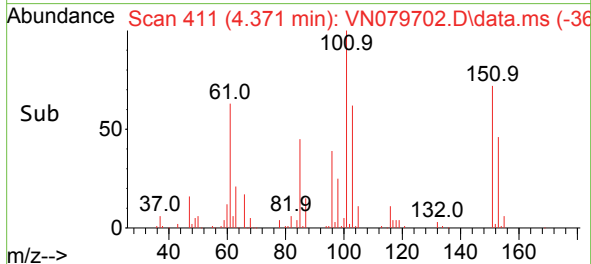
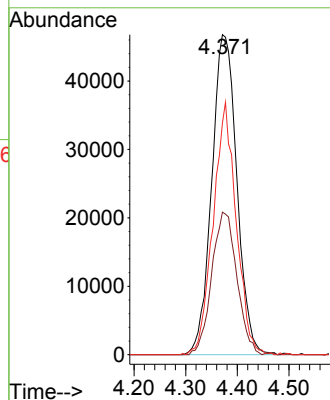
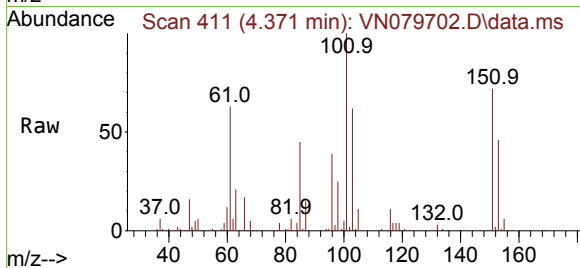




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.431 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

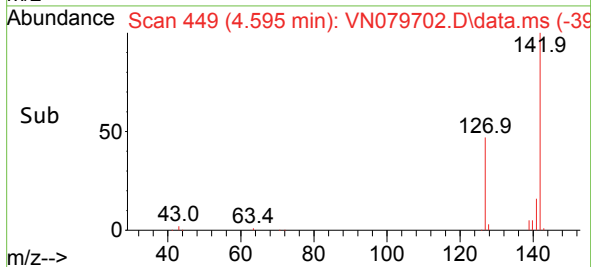
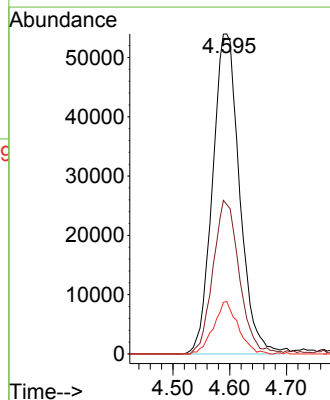
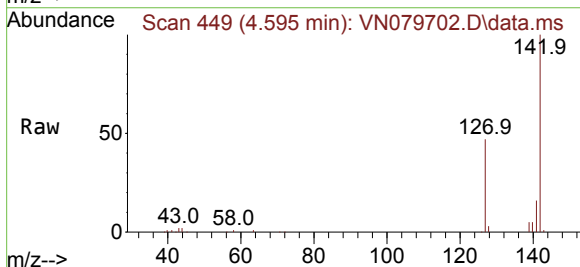
Instrument :
MSVOA_N
ClientSampleId :

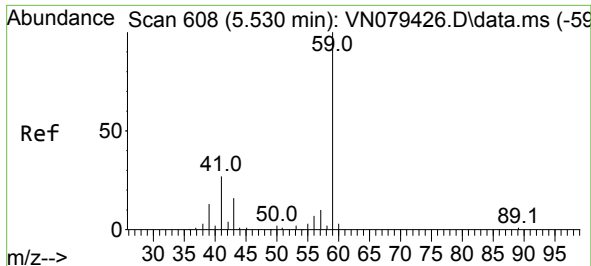
Tgt Ion:101 Resp: 157962
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 72.3 57.6 86.4



#10
Methyl Iodide
Concen: 56.391 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

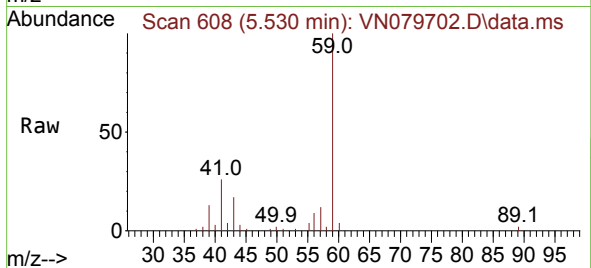
Tgt Ion:142 Resp: 177973
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 16.4 11.4 17.0



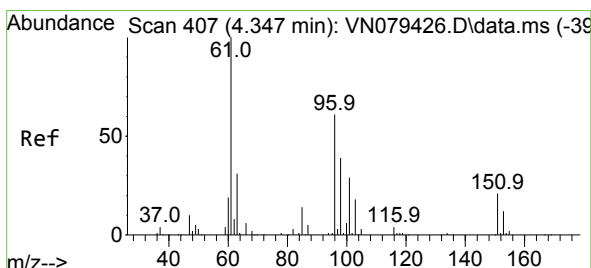
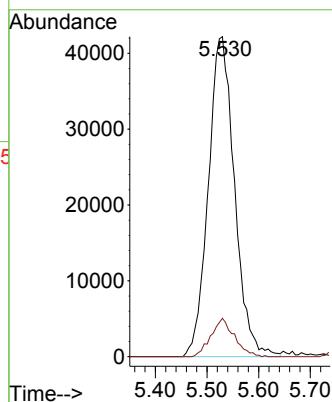
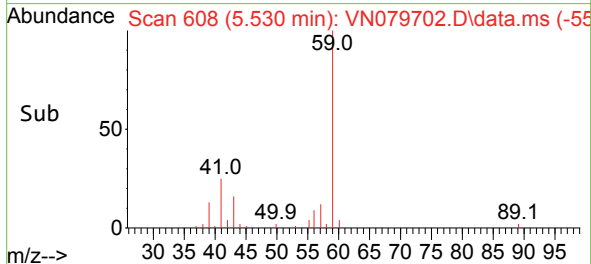


#11
Tert butyl alcohol
Concen: 214.935 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :

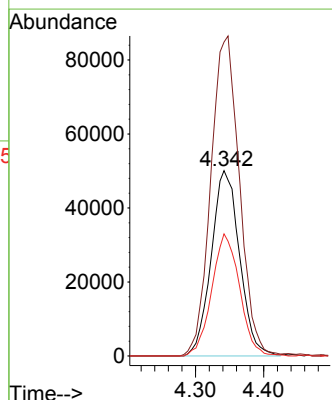
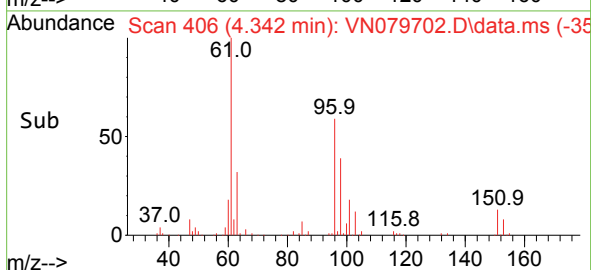
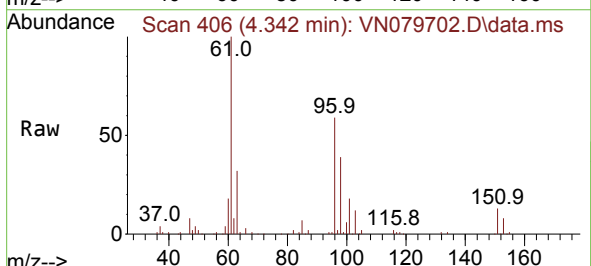


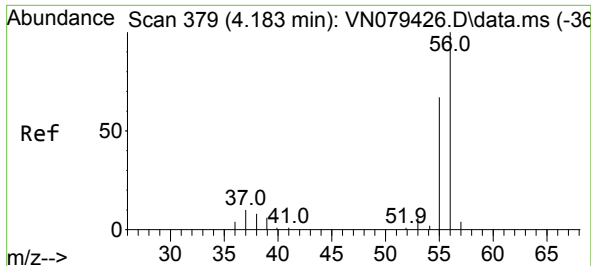
Tgt Ion: 59 Resp: 148667
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 43.254 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

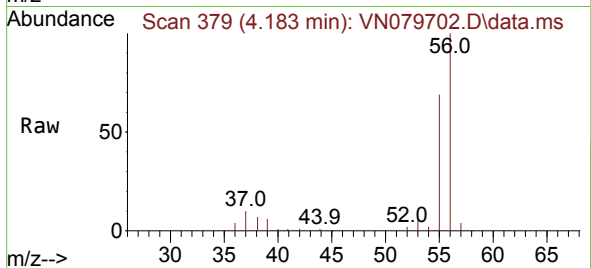
Tgt Ion: 96 Resp: 144848
Ion Ratio Lower Upper
96 100
61 169.4 112.7 169.1#
98 65.9 51.2 76.8



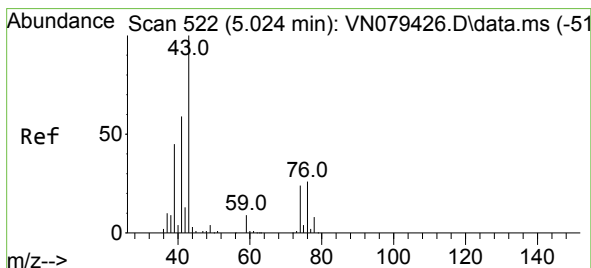
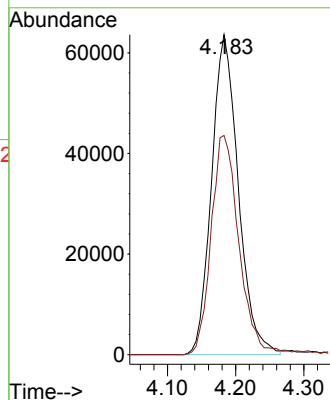
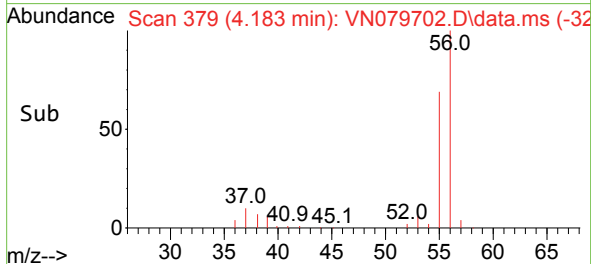


#13
Acrolein
Concen: 252.104 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :

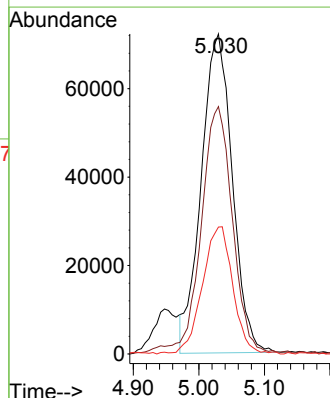
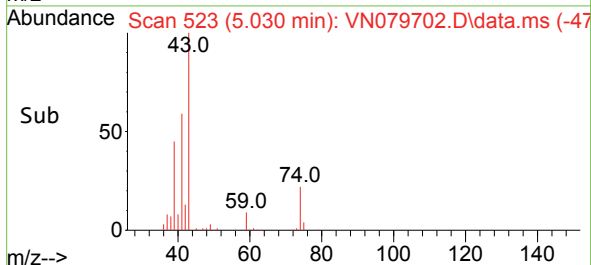
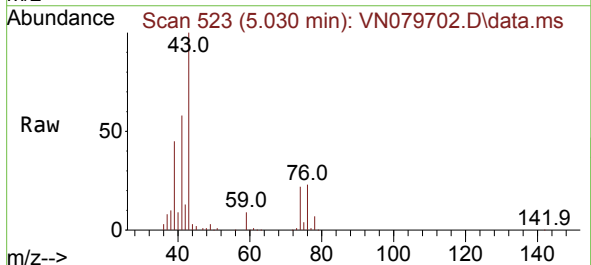


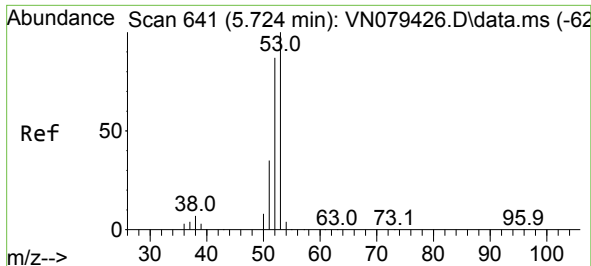
Tgt Ion: 56 Resp: 173631
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7



#14
Allyl chloride
Concen: 43.940 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 41 Resp: 237461
Ion Ratio Lower Upper
41 100
39 79.0 58.8 88.2
76 39.1 39.1 58.7

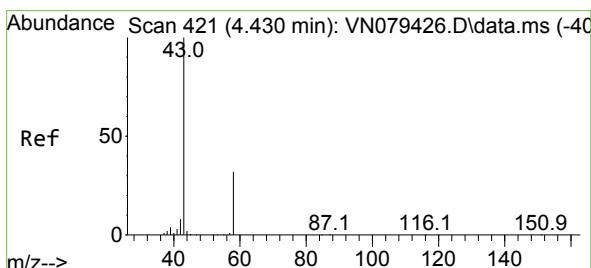
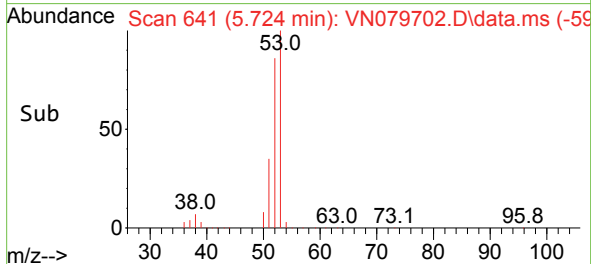
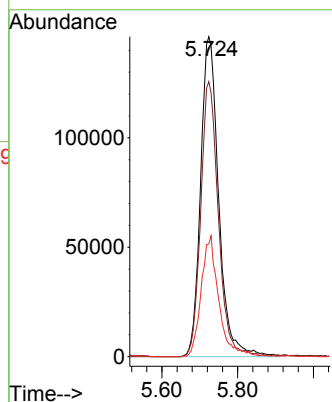
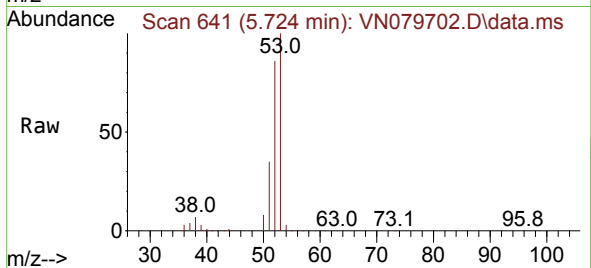




#15
Acrylonitrile
Concen: 242.167 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

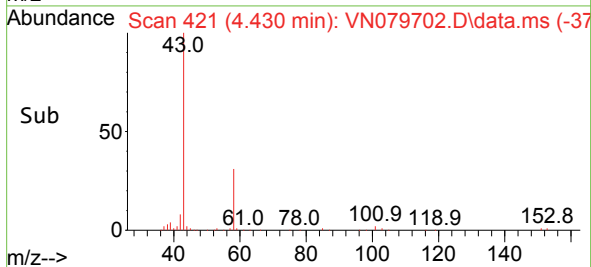
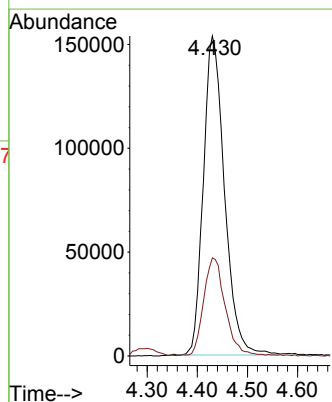
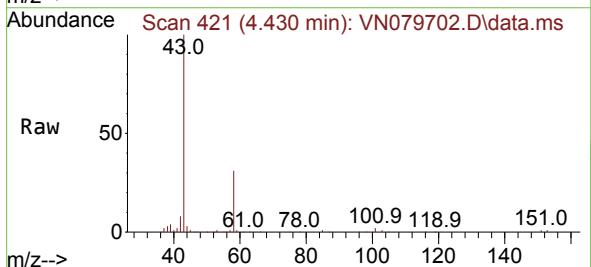
Instrument :
MSVOA_N
ClientSampleId :

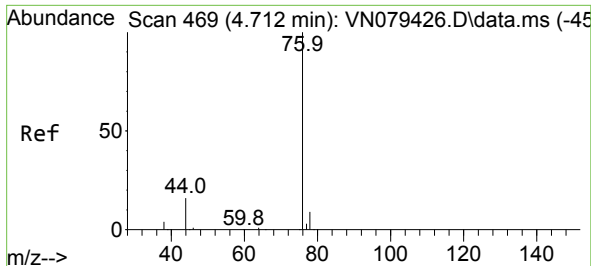
Tgt Ion: 53 Resp: 485619
Ion Ratio Lower Upper
53 100
52 83.8 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 247.283 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 43 Resp: 450748
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0

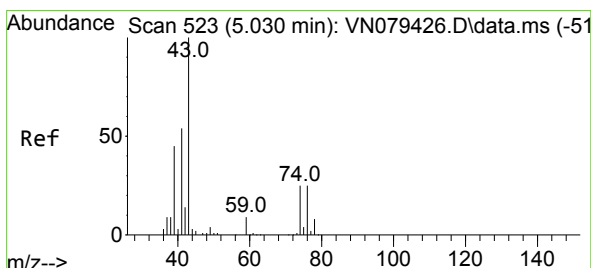
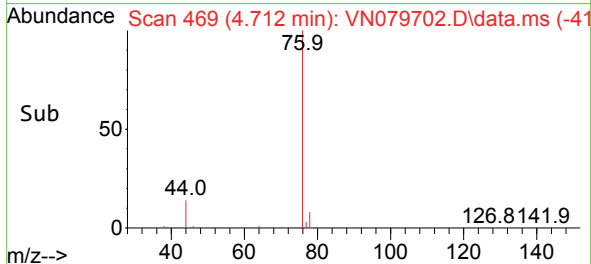
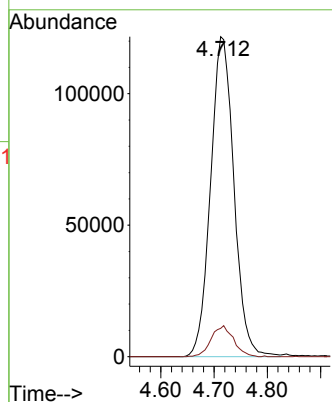
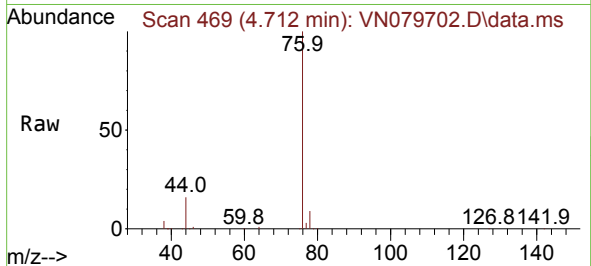




#17
Carbon Disulfide
Concen: 35.449 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

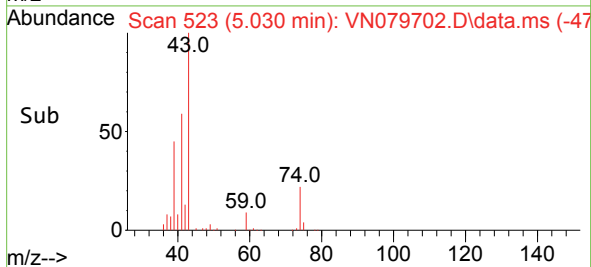
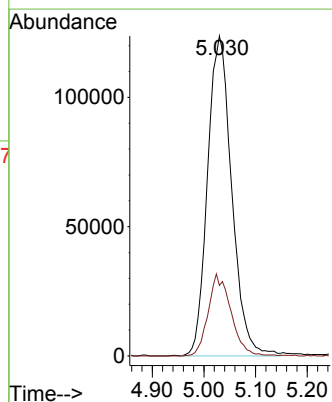
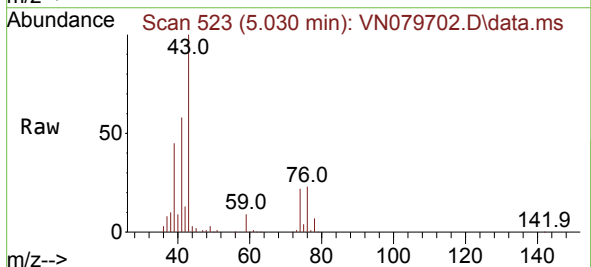
Instrument :
MSVOA_N
ClientSampleId :

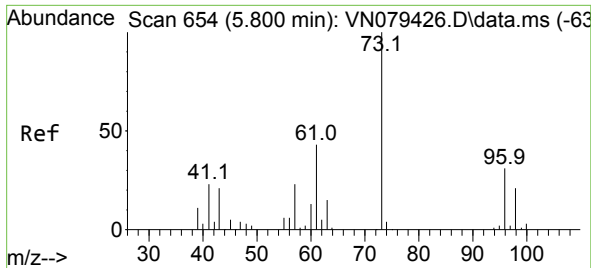
Tgt Ion: 76 Resp: 370297
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 45.197 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 43 Resp: 403234
Ion Ratio Lower Upper
43 100
74 24.1 26.2 39.4#

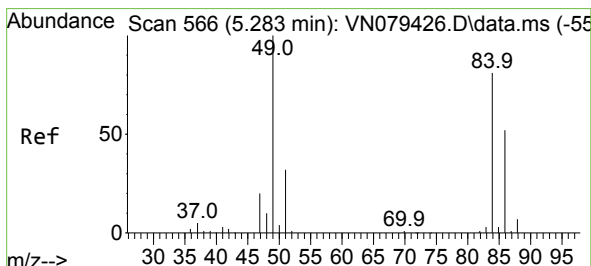
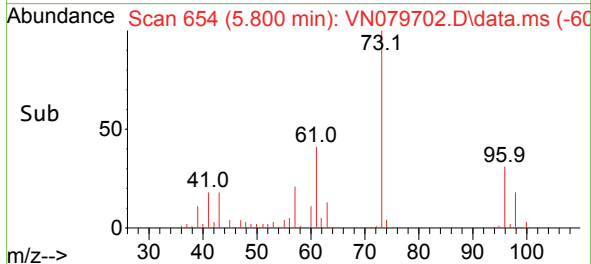
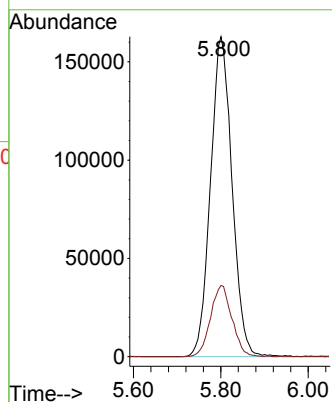
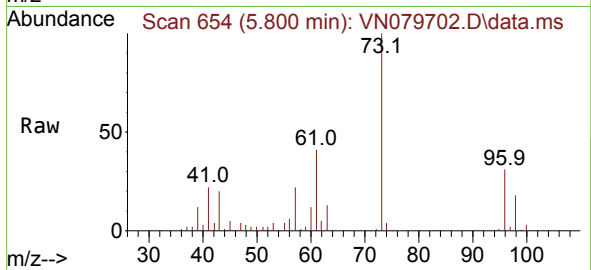




#19
Methyl tert-butyl Ether
Concen: 51.181 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

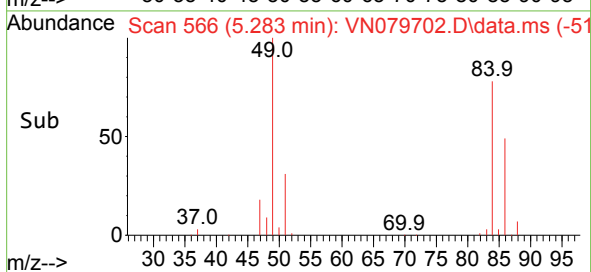
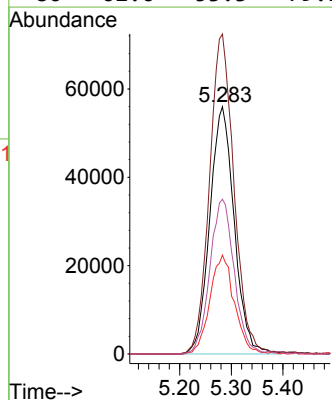
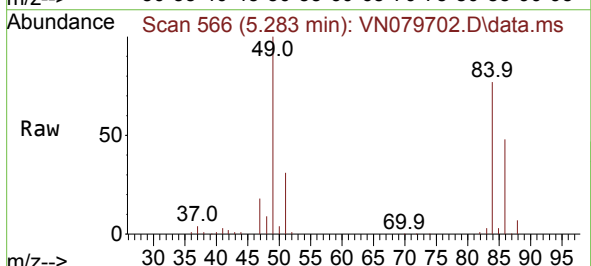
Instrument :
MSVOA_N
ClientSampleId :

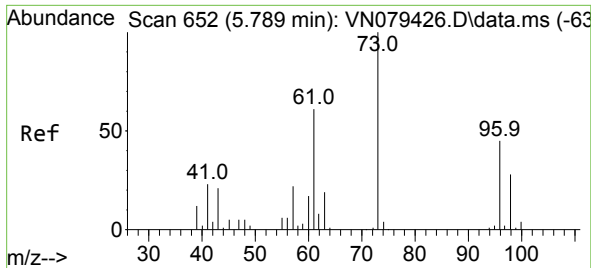
Tgt Ion: 73 Resp: 556896
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4



#20
Methylene Chloride
Concen: 45.999 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 84 Resp: 183803
Ion Ratio Lower Upper
84 100
49 129.4 79.7 119.5#
51 40.0 25.2 37.8#
86 62.6 53.3 79.9

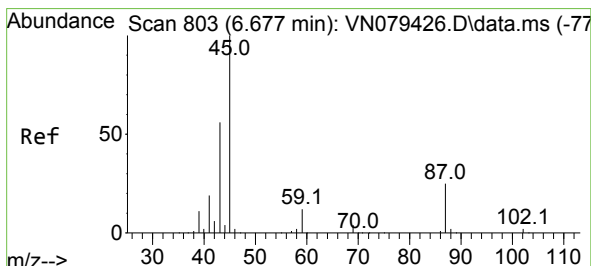
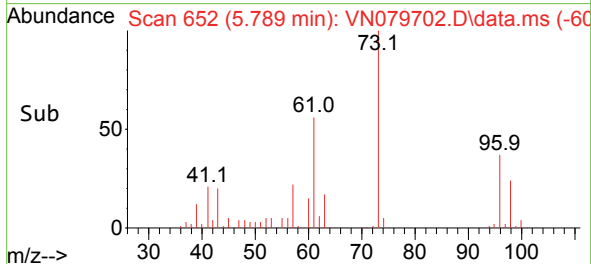
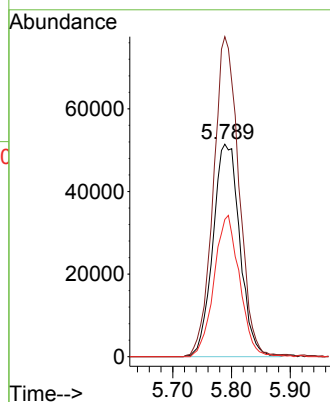
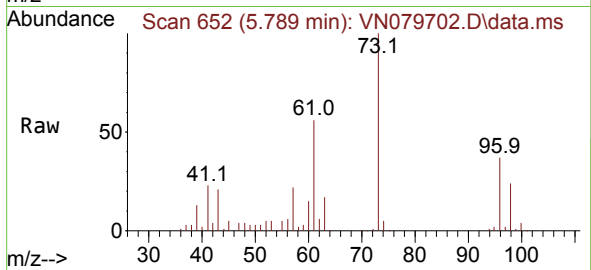




#21
trans-1,2-Dichloroethene
Concen: 41.795 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

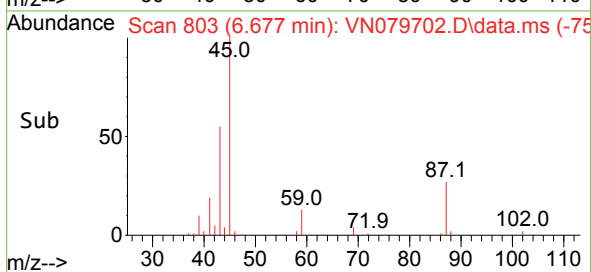
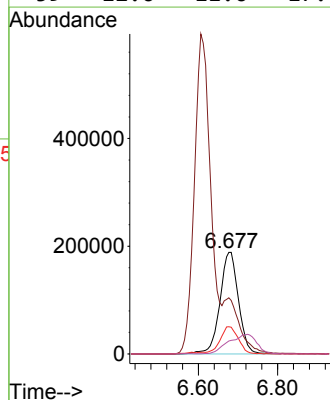
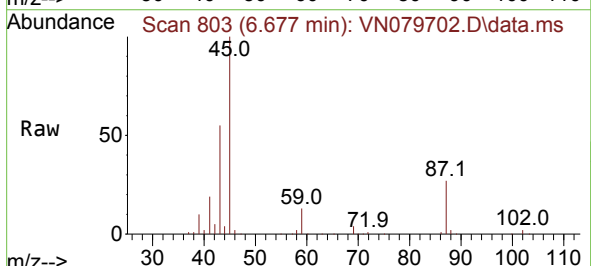
Instrument :
MSVOA_N
ClientSampleId :

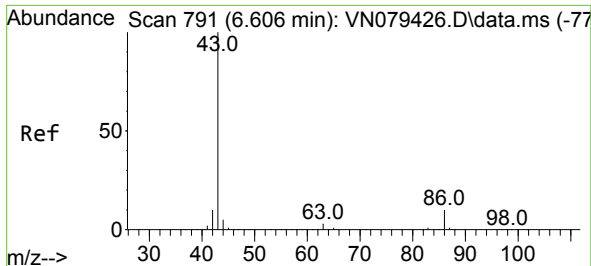
Tgt Ion: 96 Resp: 163473
Ion Ratio Lower Upper
96 100
61 150.6 90.1 135.1#
98 64.6 46.4 69.6



#22
Diisopropyl ether
Concen: 50.572 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 45 Resp: 612841
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 26.8 31.8 47.8#
59 12.6 11.6 17.4

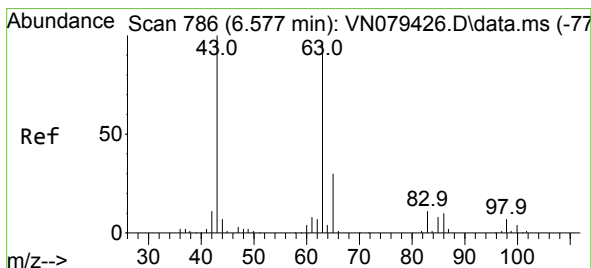
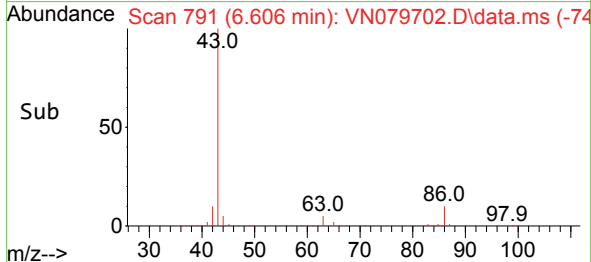
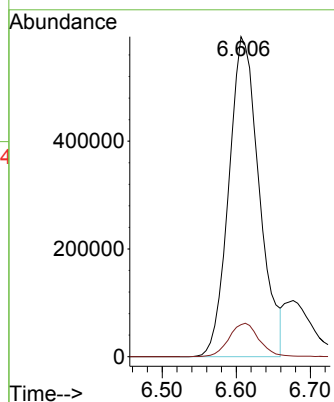
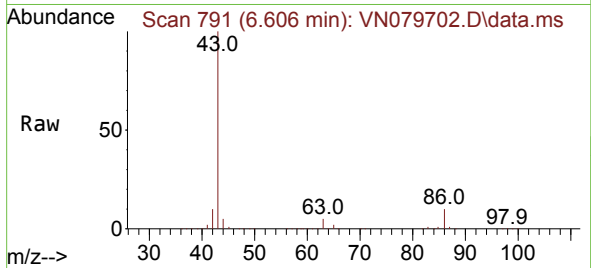




#23
 Vinyl Acetate
 Concen: 248.428 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

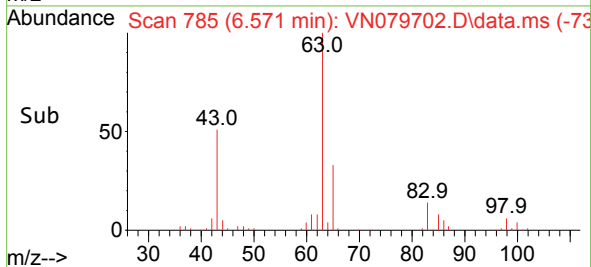
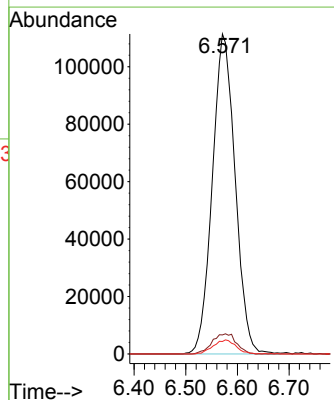
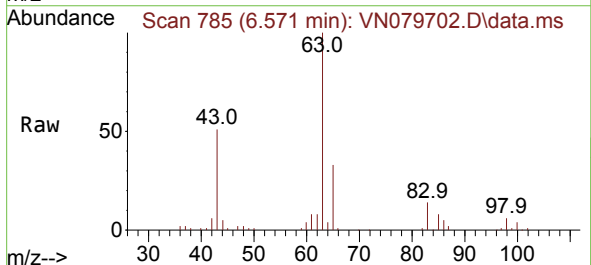
Instrument :
 MSVOA_N
 ClientSampleId :

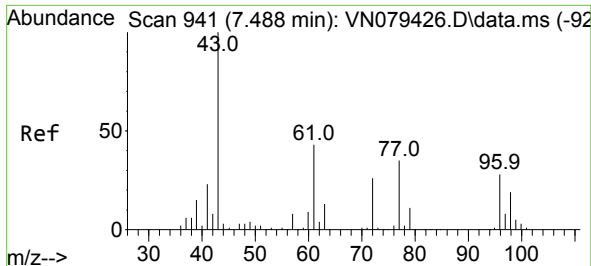
Tgt Ion: 43 Resp: 1693385
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 46.042 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

Tgt Ion: 63 Resp: 341468
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 3.9 2.5 7.4

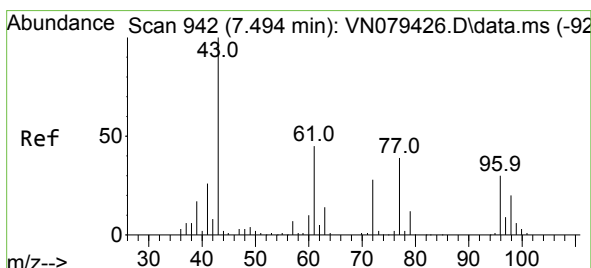
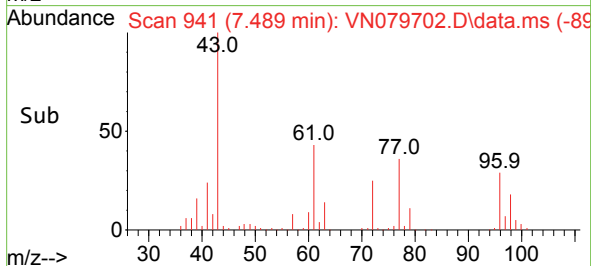
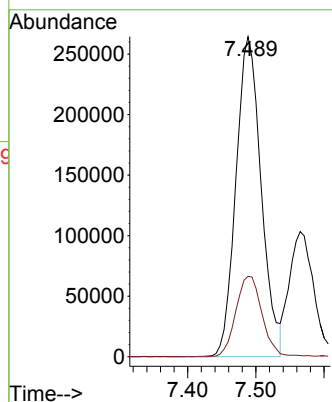
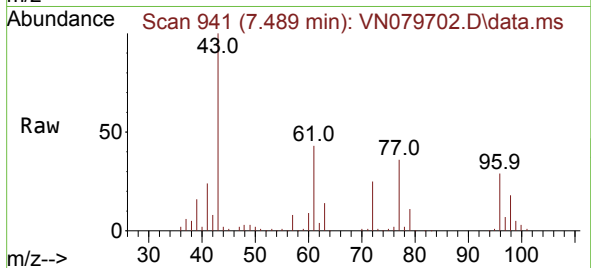




#25
2-Butanone
Concen: 250.849 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

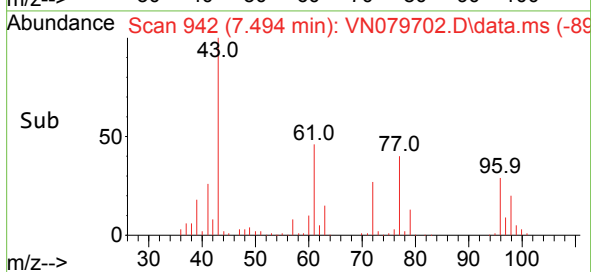
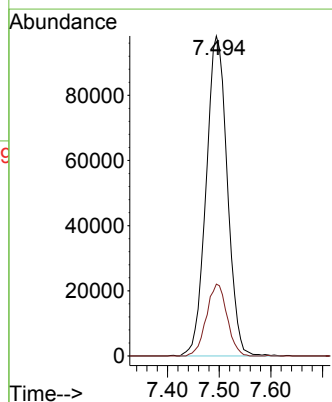
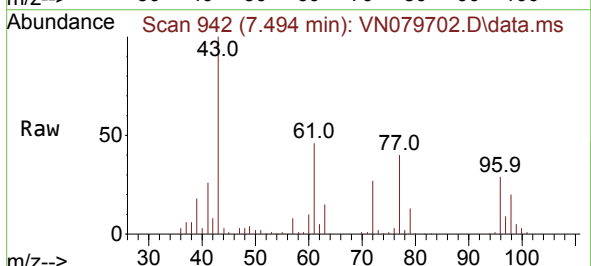
Instrument :
MSVOA_N
ClientSampleId :

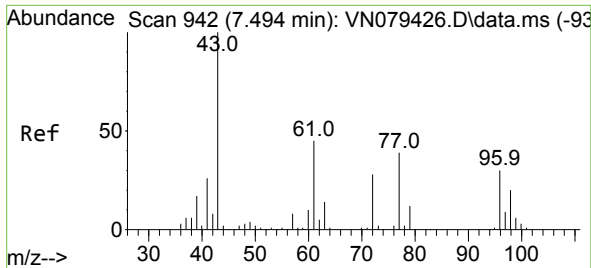
Tgt Ion: 43 Resp: 678653
Ion Ratio Lower Upper
43 100
72 25.1 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 49.275 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 77 Resp: 279282
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6

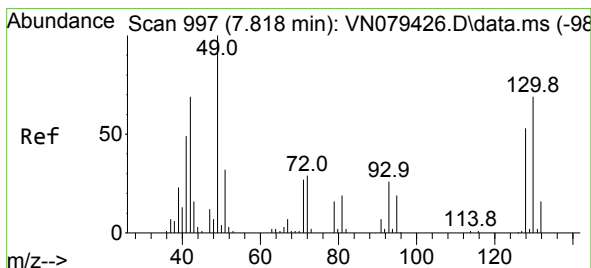
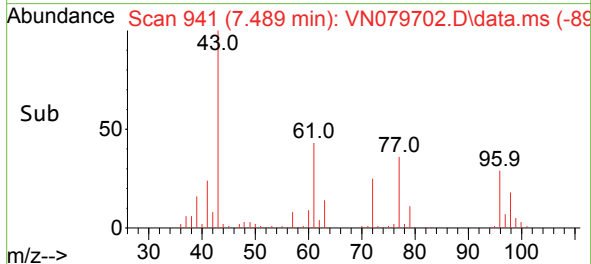
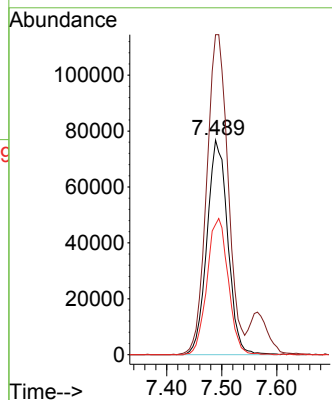
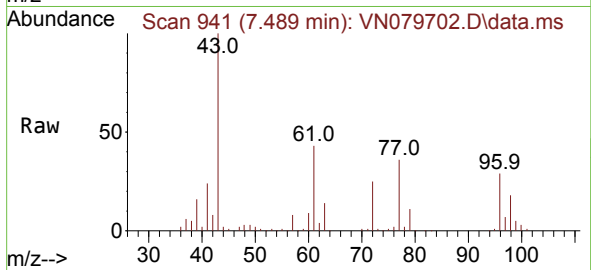




#27
 cis-1,2-Dichloroethene
 Concen: 47.443 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

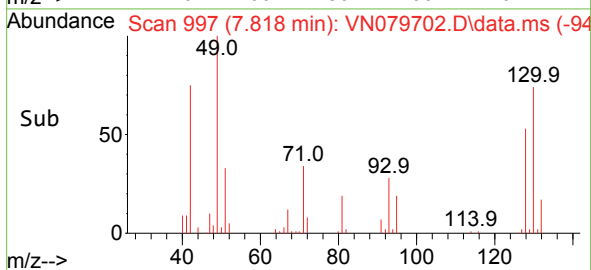
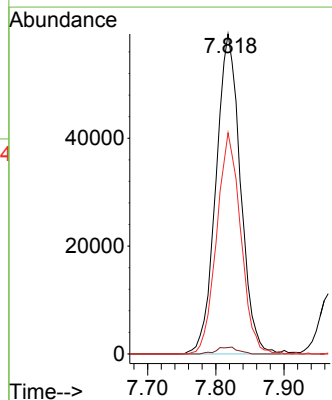
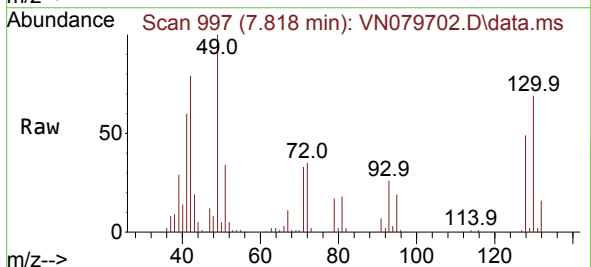
Instrument :
 MSVOA_N
 ClientSampleId :

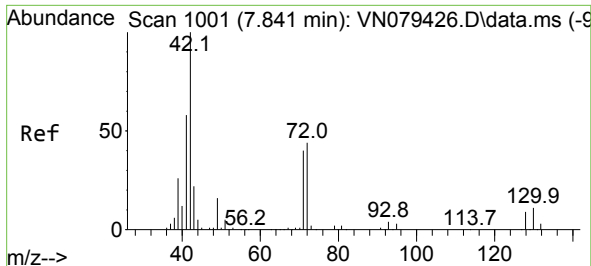
Tgt Ion: 96 Resp: 201590
 Ion Ratio Lower Upper
 96 100
 61 153.3 0.0 255.2
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 42.054 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

Tgt Ion: 49 Resp: 148398
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 67.8 75.3 112.9#

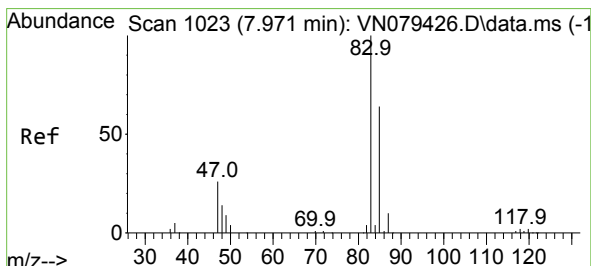
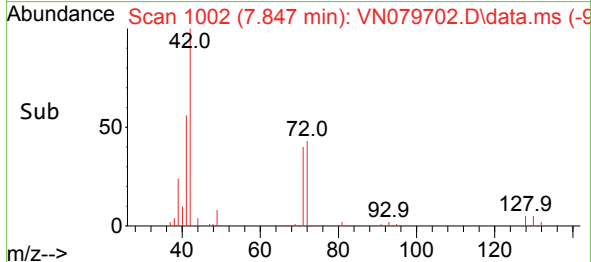
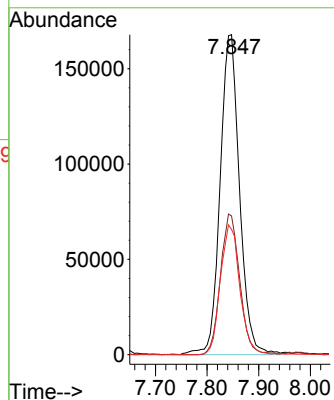
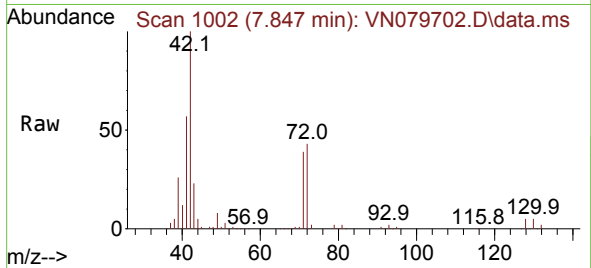




#29
Tetrahydrofuran
Concen: 250.555 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

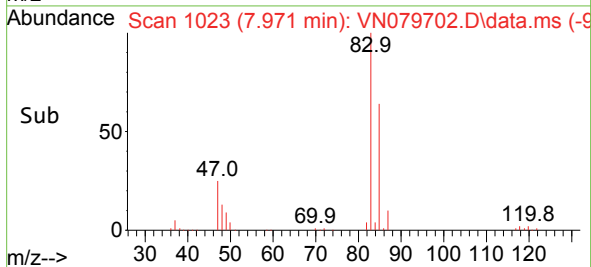
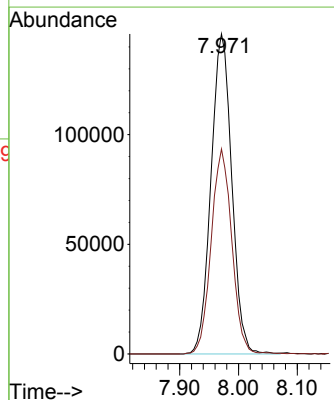
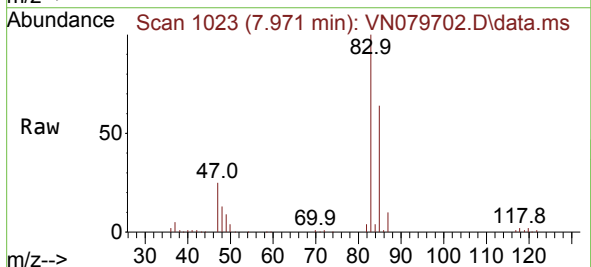
Instrument :
MSVOA_N
ClientSampleId :

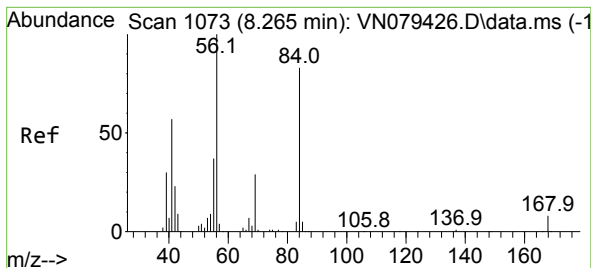
Tgt Ion: 42 Resp: 438401
Ion Ratio Lower Upper
42 100
72 43.6 49.8 74.6#
71 40.8 47.4 71.2#



#30
Chloroform
Concen: 47.684 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 83 Resp: 357314
Ion Ratio Lower Upper
83 100
85 64.1 55.4 83.0





#31

Cyclohexane

Concen: 40.525 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

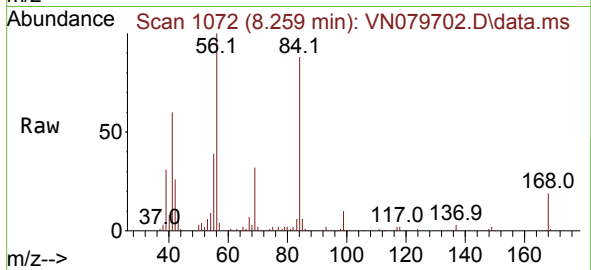
Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :



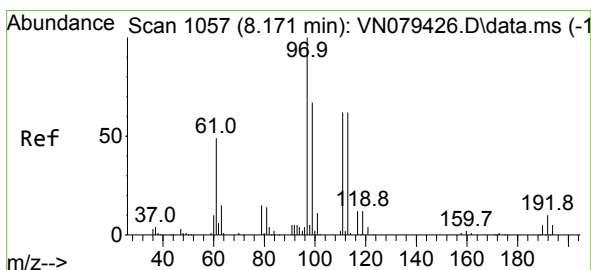
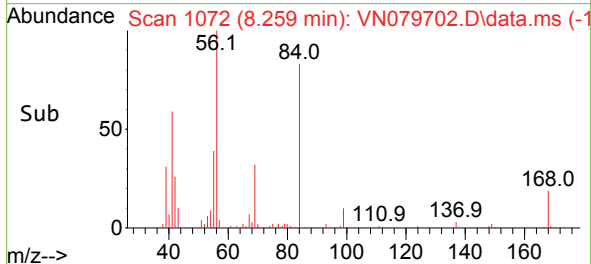
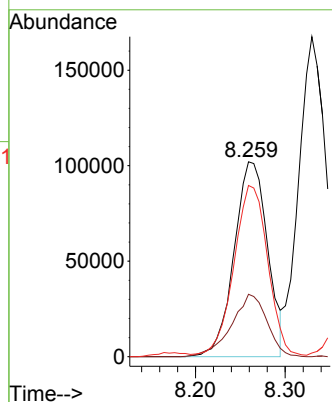
Tgt Ion: 56 Resp: 264173

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

84 86.2 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 47.514 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

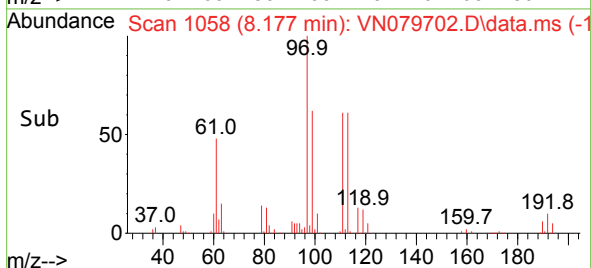
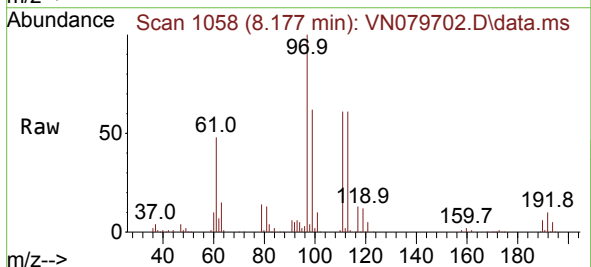
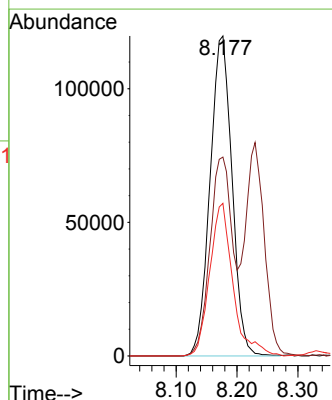
Tgt Ion: 97 Resp: 299628

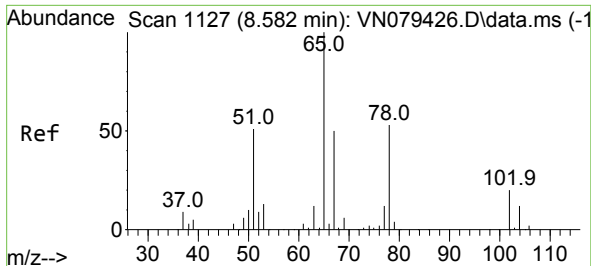
Ion Ratio Lower Upper

97 100

99 63.0 50.3 75.5

61 50.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.862 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

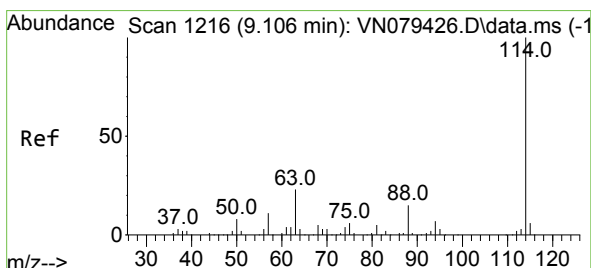
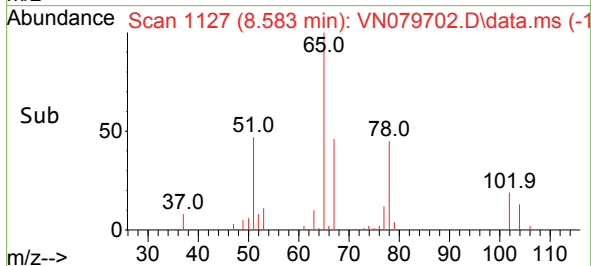
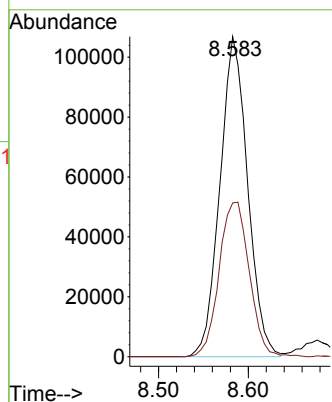
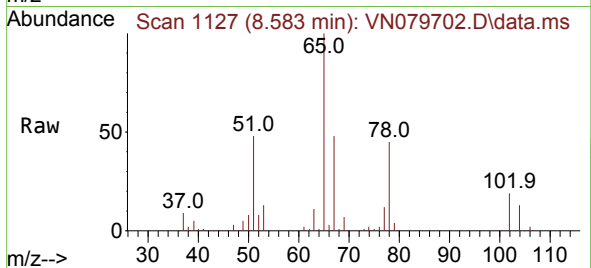
ClientSampleId :

Tgt Ion: 65 Resp: 229150

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

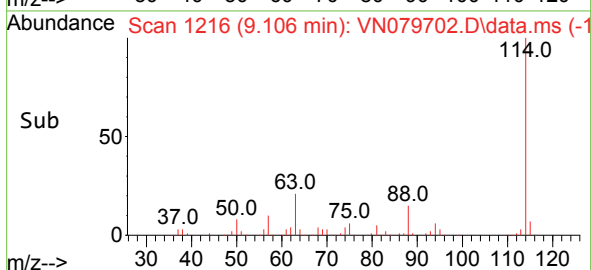
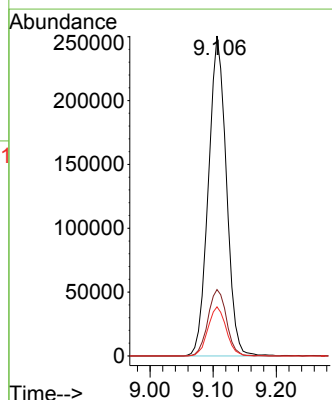
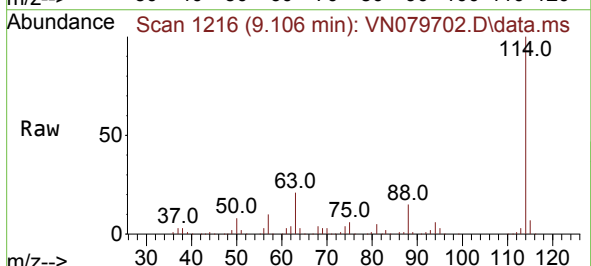
Tgt Ion: 114 Resp: 495375

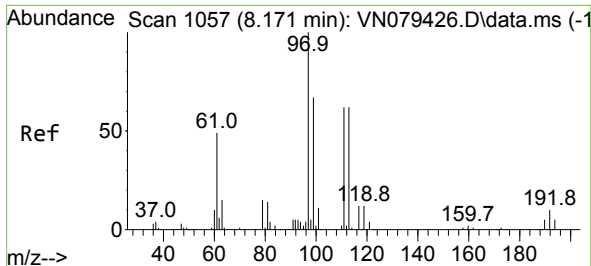
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

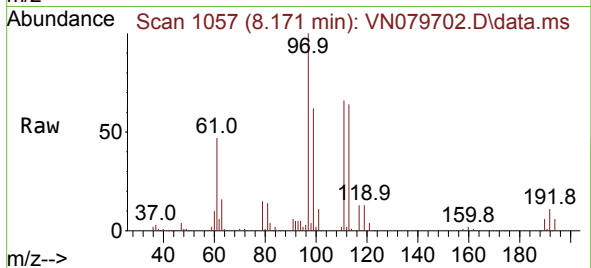
88 15.4 0.0 30.6



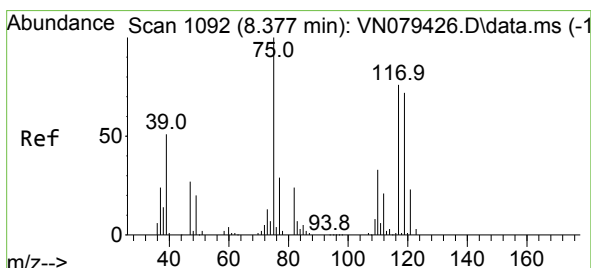
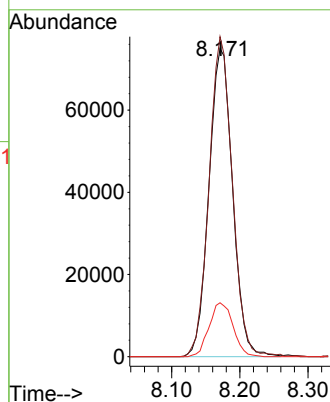
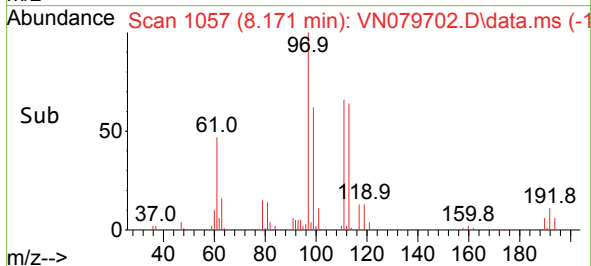


#35
Dibromofluoromethane
Concen: 50.919 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :

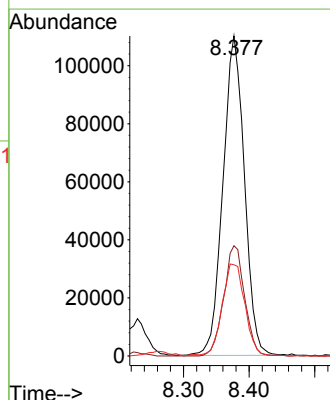
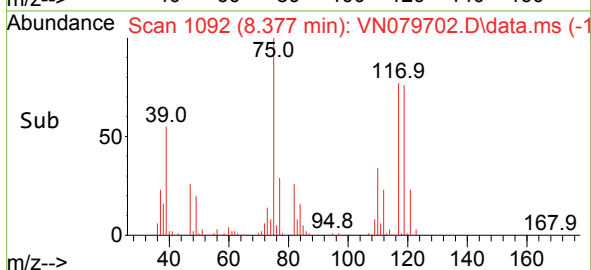
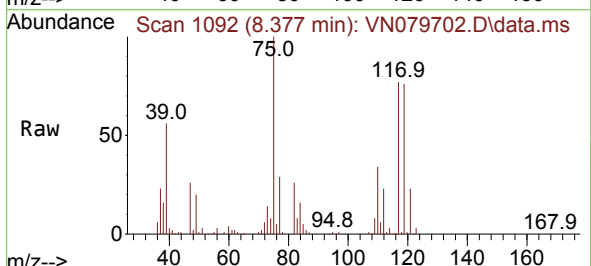


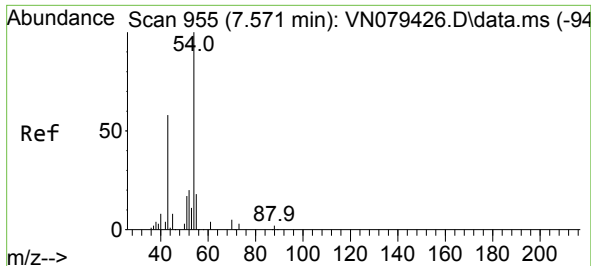
Tgt Ion:113 Resp: 181269
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 17.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 46.738 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

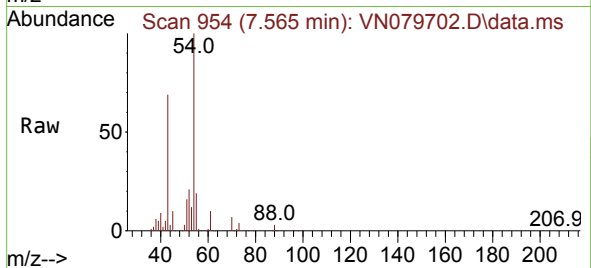
Tgt Ion: 75 Resp: 249721
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 30.7 25.0 37.4



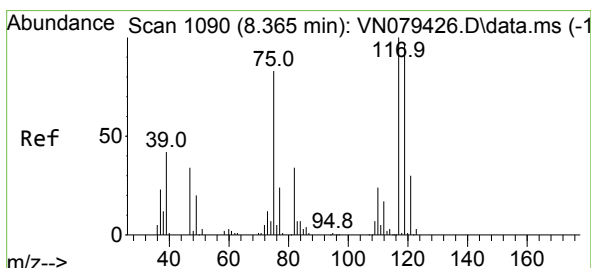
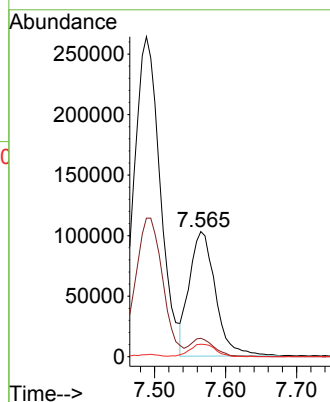
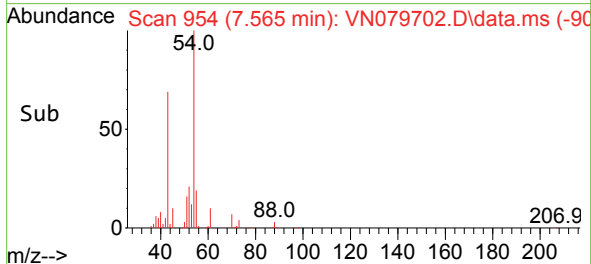


#37
Ethyl Acetate
Concen: 49.409 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :

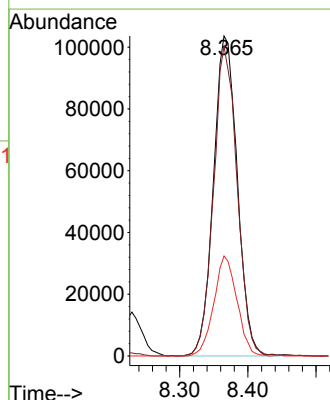
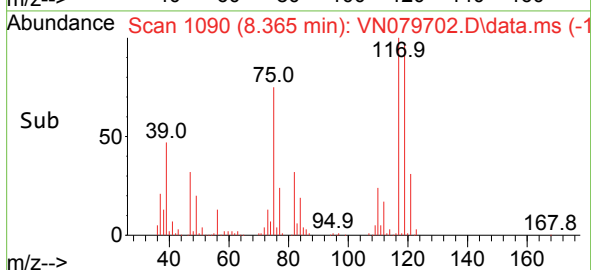
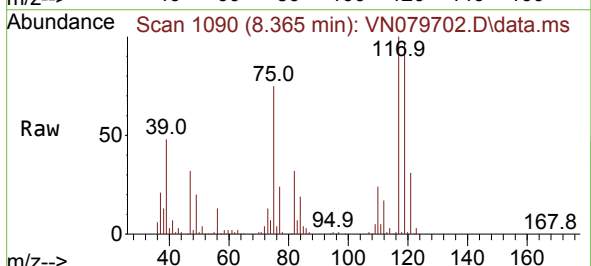


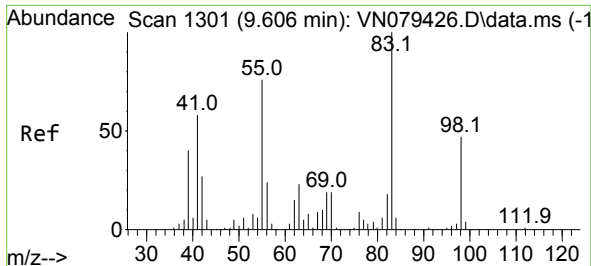
Tgt Ion: 43 Resp: 262681
Ion Ratio Lower Upper
43 100
61 13.6 13.2 19.8
70 10.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 47.165 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 117 Resp: 252280
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9
121 31.3 23.3 34.9

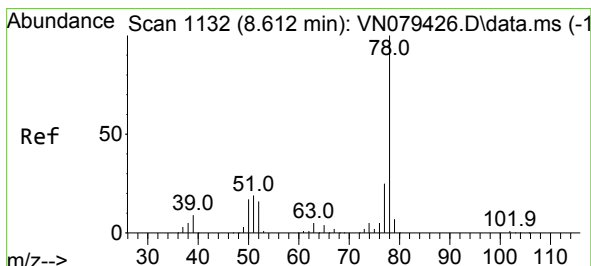
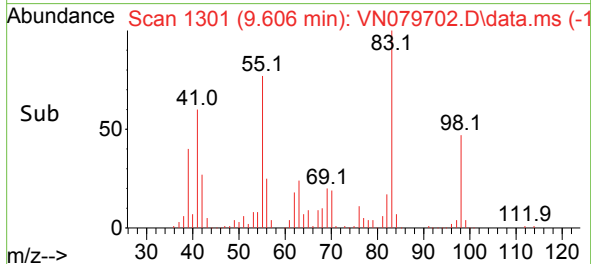
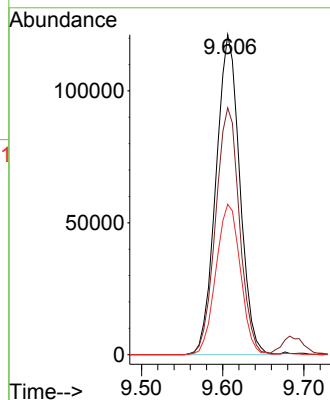
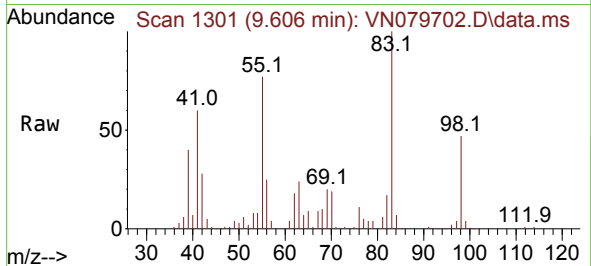




#39
Methylcyclohexane
Concen: 48.179 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

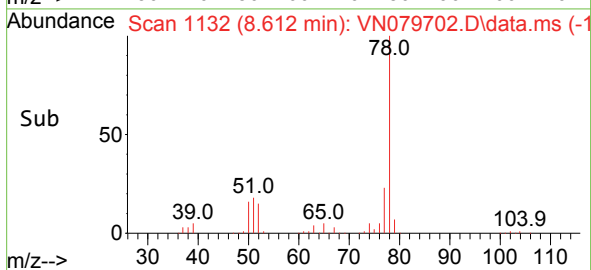
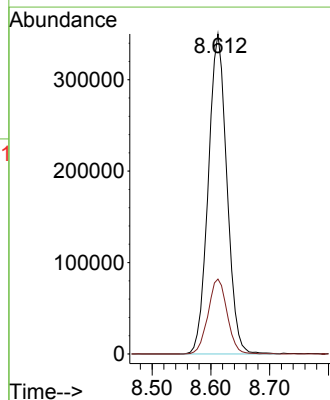
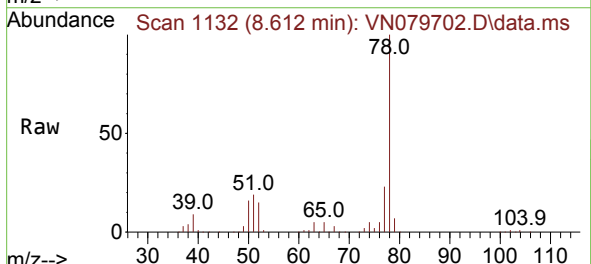
Instrument :
MSVOA_N
ClientSampleId :

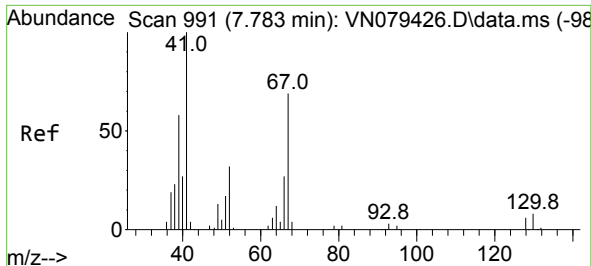
Tgt Ion: 83 Resp: 247318
Ion Ratio Lower Upper
83 100
55 77.1 49.1 73.7#
98 47.0 40.6 61.0



#40
Benzene
Concen: 48.428 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 78 Resp: 768448
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6



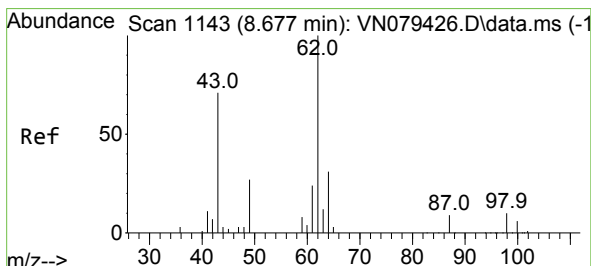
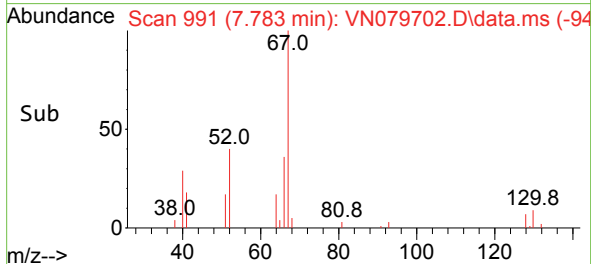
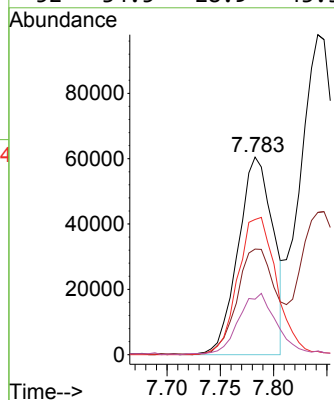
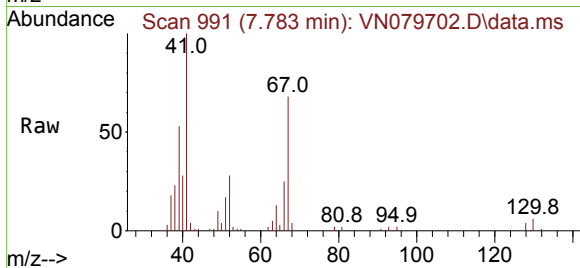


#41
Methacrylonitrile
Concen: 49.473 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 138277

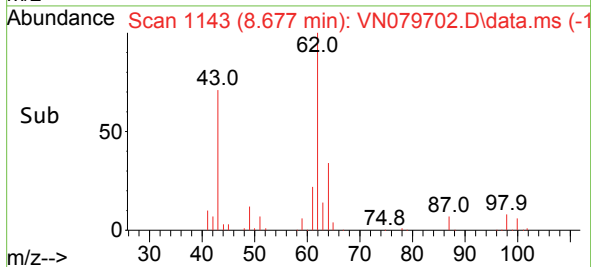
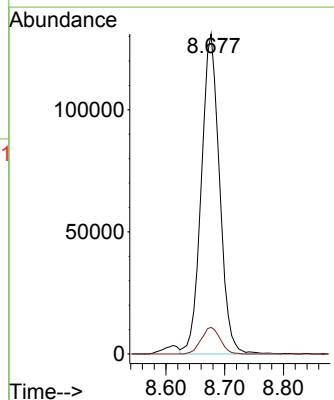
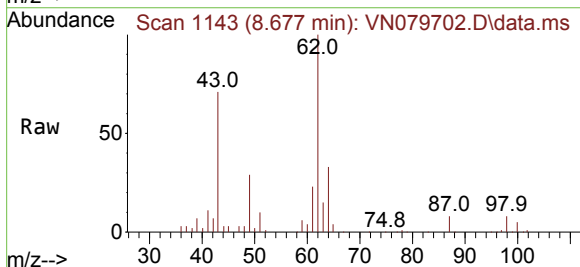
Ion	Ratio	Lower	Upper
41	100		
39	59.7	42.6	64.0
67	77.6	77.5	116.3
52	34.5	28.9	43.3

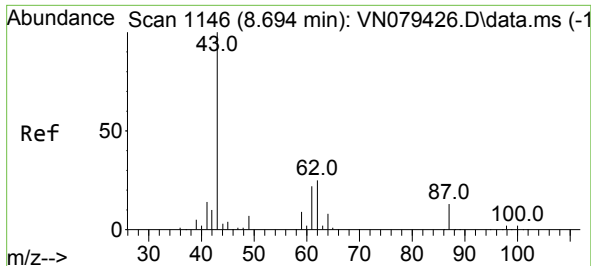


#42
1,2-Dichloroethane
Concen: 48.879 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 62 Resp: 281822

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8

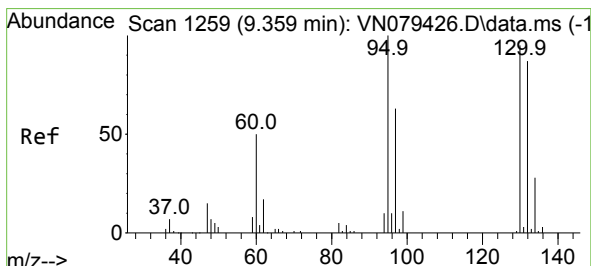
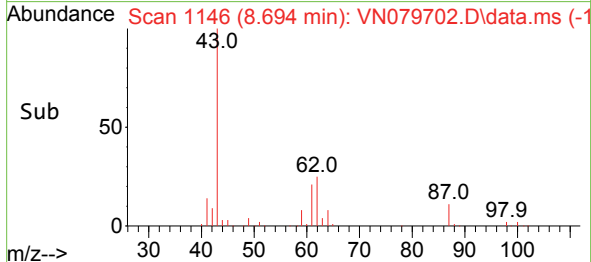
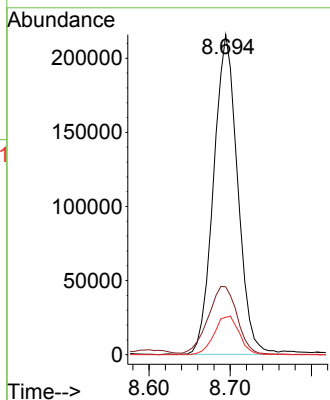
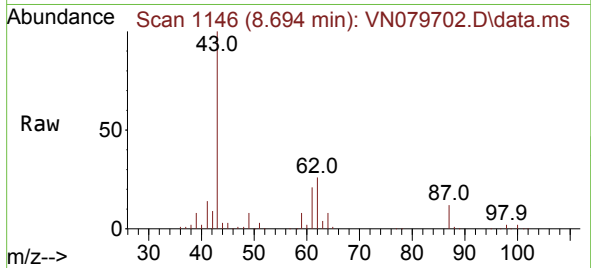




#43
Isopropyl Acetate
Concen: 47.608 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

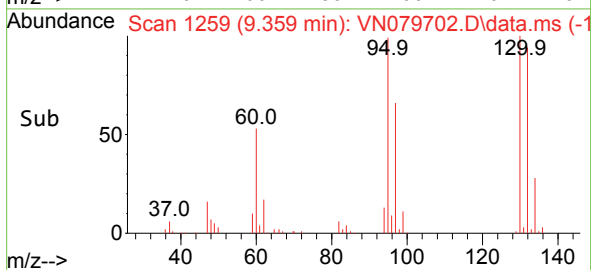
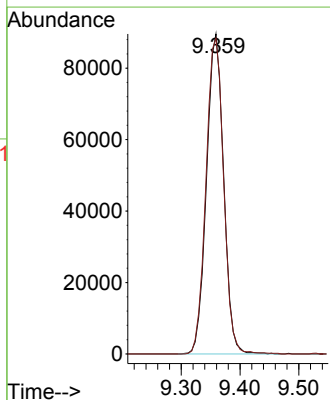
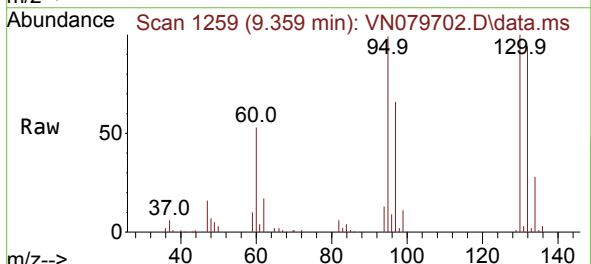
Instrument :
MSVOA_N
ClientSampleId :

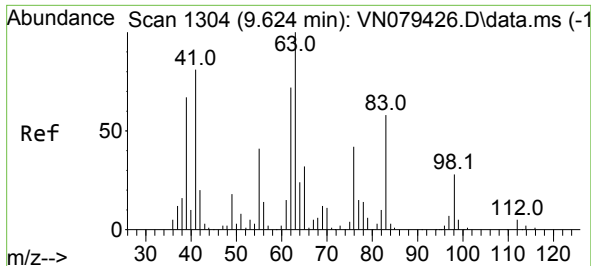
Tgt Ion: 43 Resp: 443433
Ion Ratio Lower Upper
43 100
61 25.9 24.7 37.1
87 12.6 14.6 21.8#



#44
Trichloroethene
Concen: 48.501 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion:130 Resp: 181137
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.6

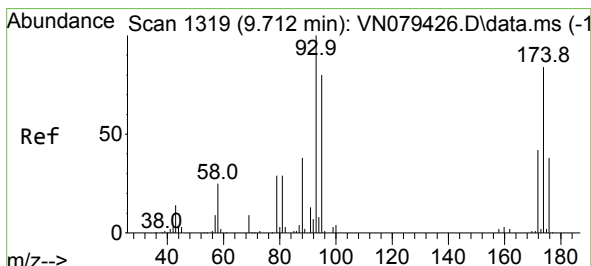
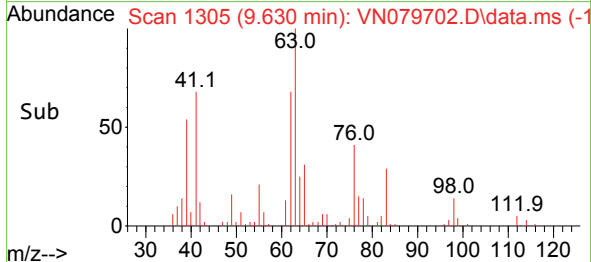
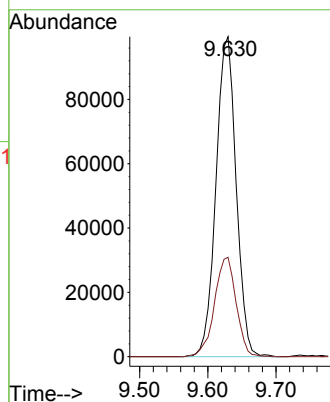
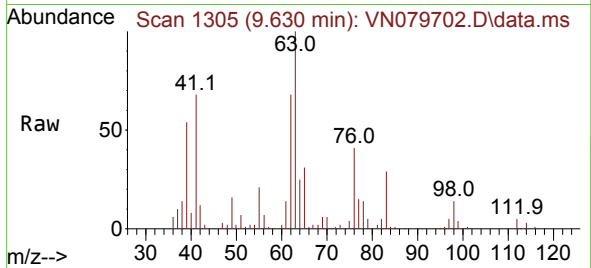




#45
1,2-Dichloropropane
Concen: 49.093 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

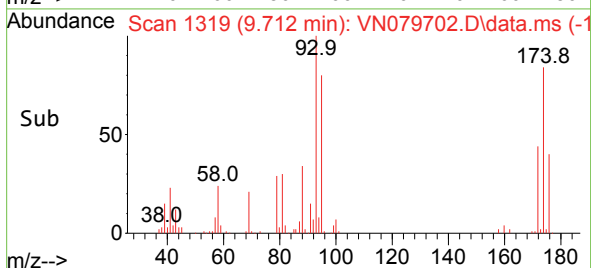
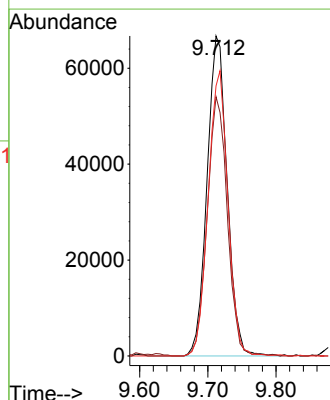
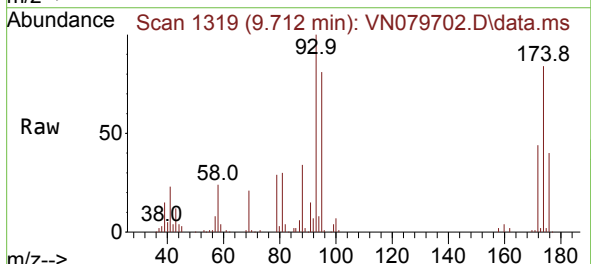
Instrument :
MSVOA_N
ClientSampleId :

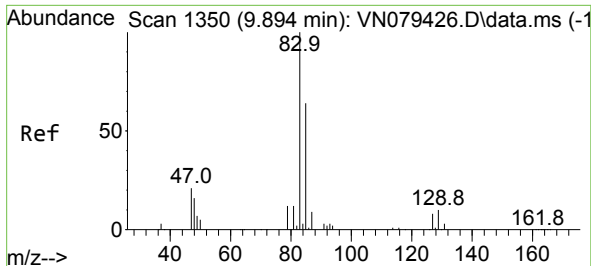
Tgt Ion: 63 Resp: 205247
Ion Ratio Lower Upper
63 100
65 31.1 23.9 35.9



#46
Dibromomethane
Concen: 50.587 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 93 Resp: 136975
Ion Ratio Lower Upper
93 100
95 81.0 63.8 95.8
174 87.8 65.6 98.4

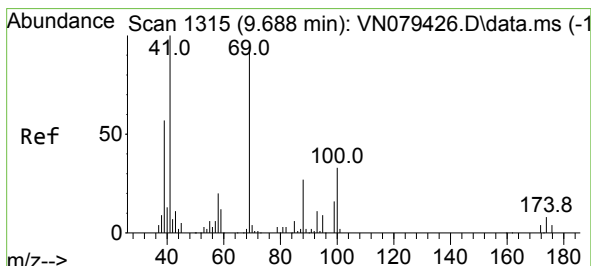
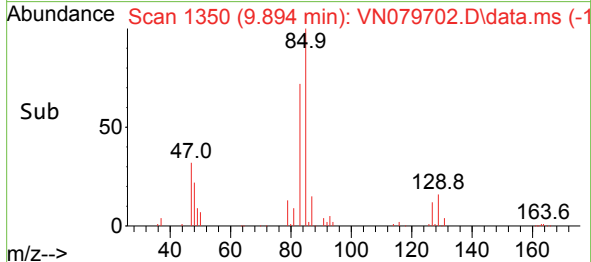
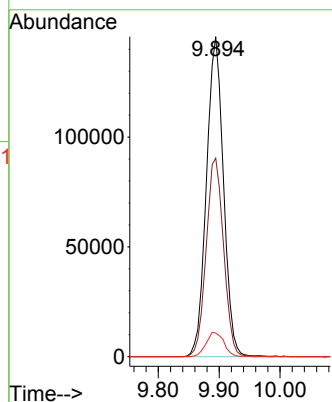
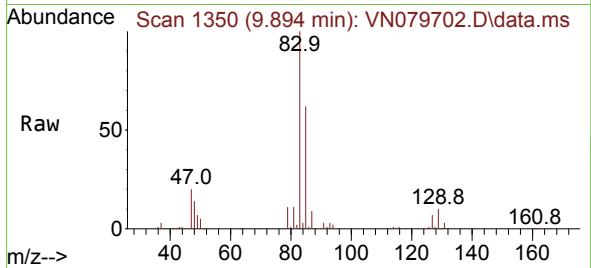




#47
Bromodichloromethane
Concen: 50.786 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

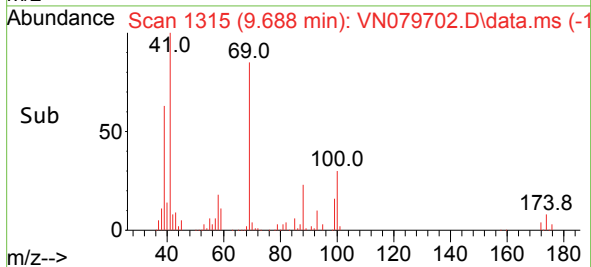
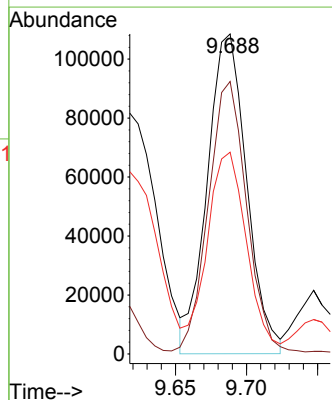
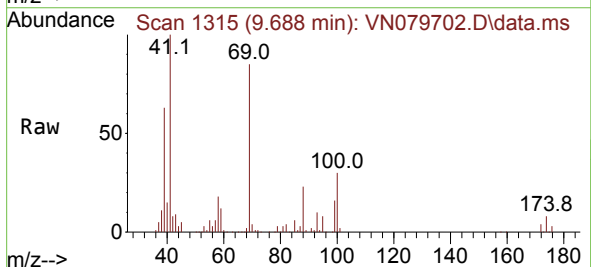
Instrument :
MSVOA_N
ClientSampleId :

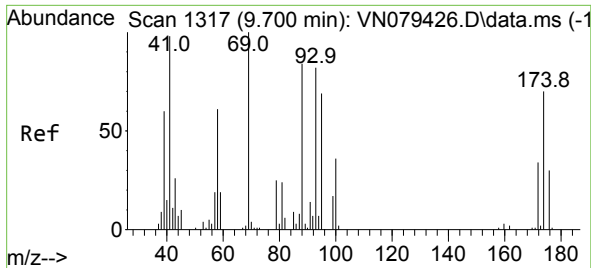
Tgt Ion: 83 Resp: 282871
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 7.4 7.0 10.6



#48
Methyl methacrylate
Concen: 52.332 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

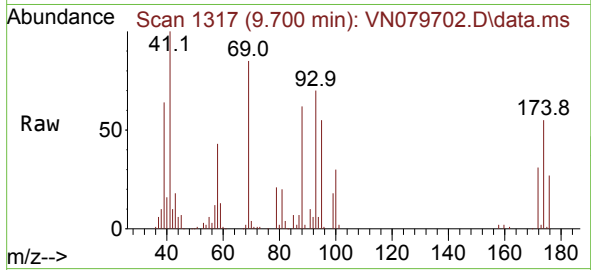
Tgt Ion: 41 Resp: 208871
Ion Ratio Lower Upper
41 100
69 83.4 90.4 135.6#
39 63.8 54.6 81.8



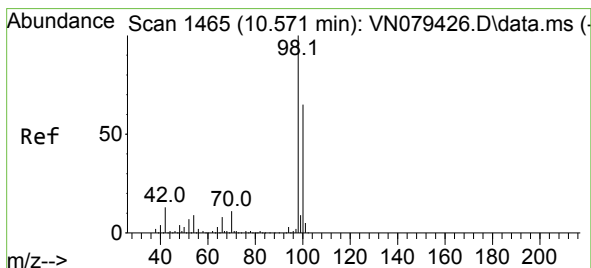
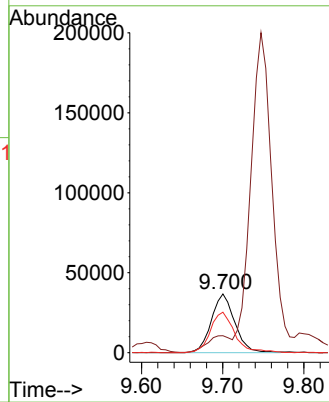
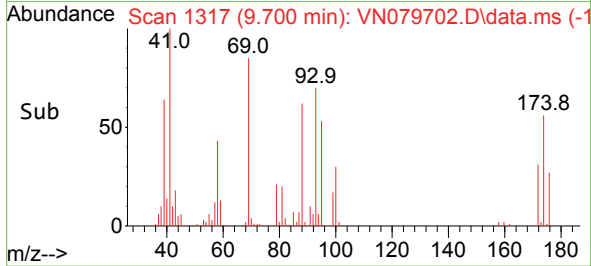


#49
1,4-Dioxane
Concen: 999.155 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :

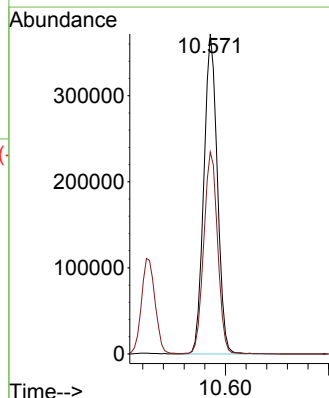
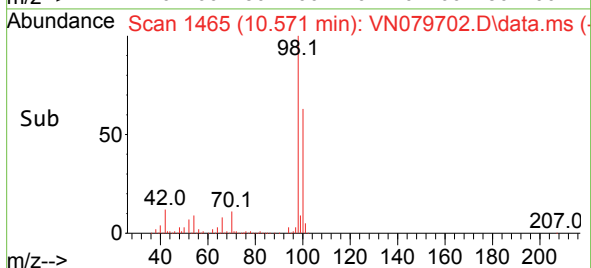
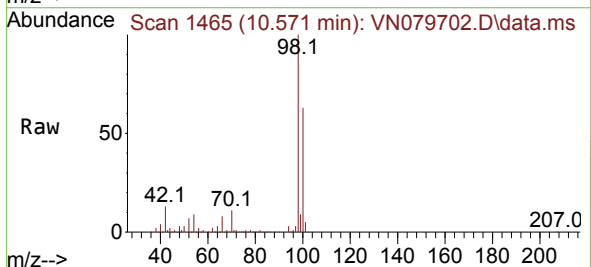


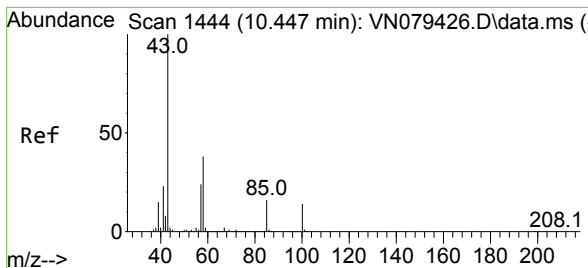
Tgt Ion: 88 Resp: 73456
Ion Ratio Lower Upper
88 100
43 29.4 17.0 25.6#
58 71.9 47.0 70.4#



#50
Toluene-d8
Concen: 52.193 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 98 Resp: 672300
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

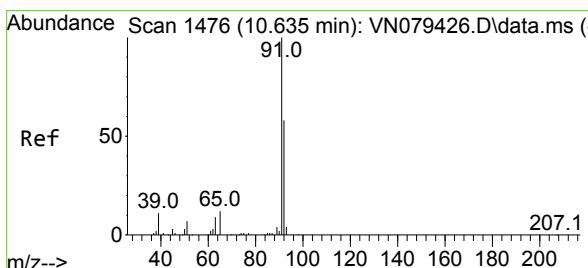
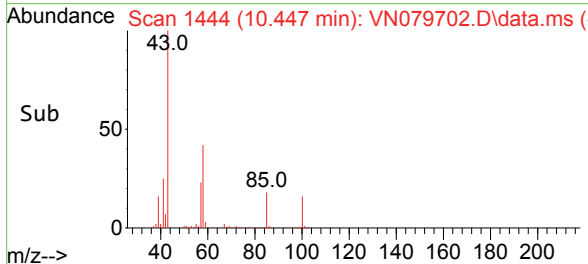
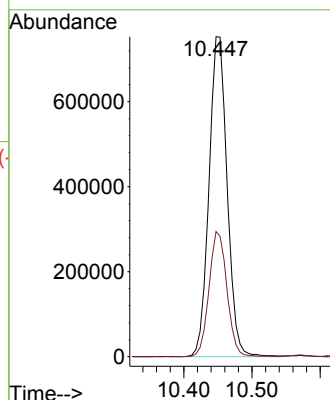
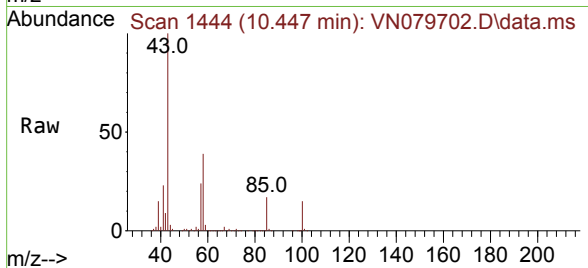




#51
4-Methyl-2-Pentanone
Concen: 265.794 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

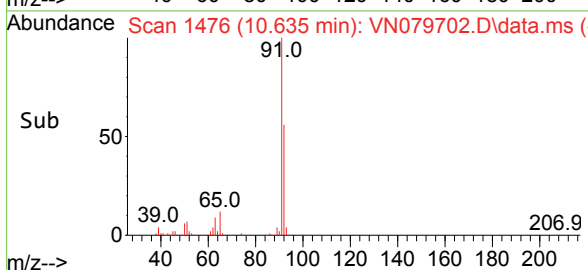
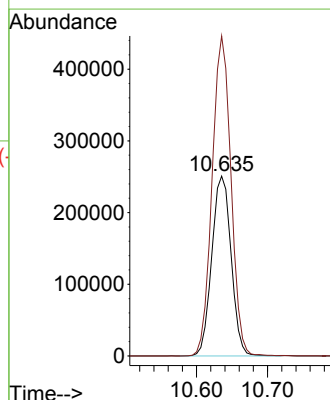
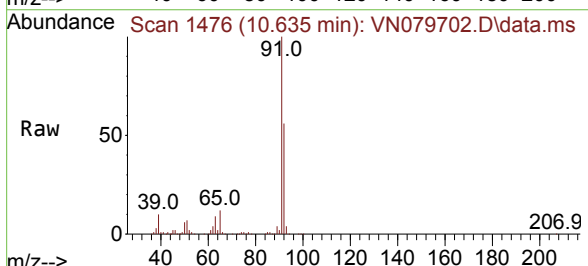
Instrument :
MSVOA_N
ClientSampleId :

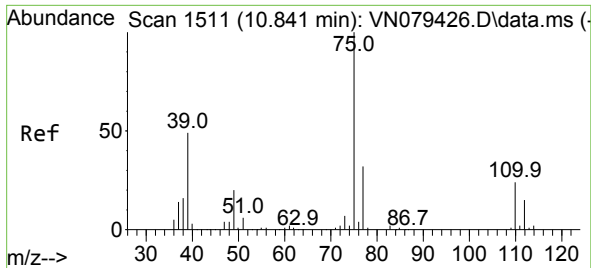
Tgt Ion: 43 Resp: 1397508
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 50.685 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 92 Resp: 473410
Ion Ratio Lower Upper
92 100
91 173.9 137.4 206.0

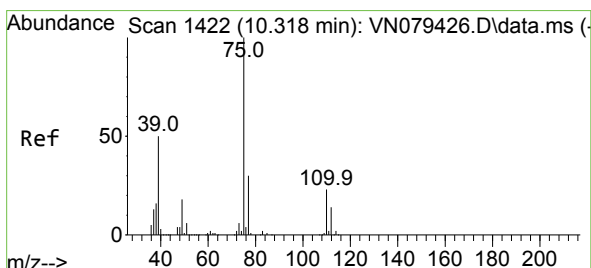
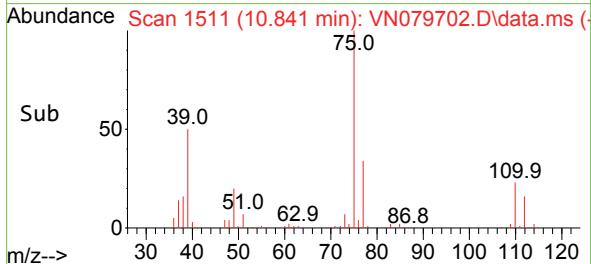
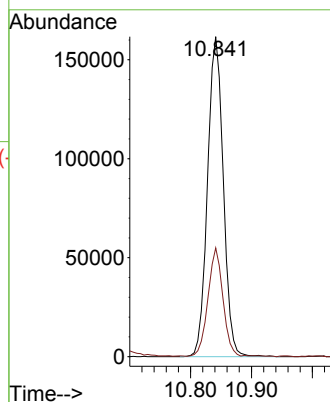
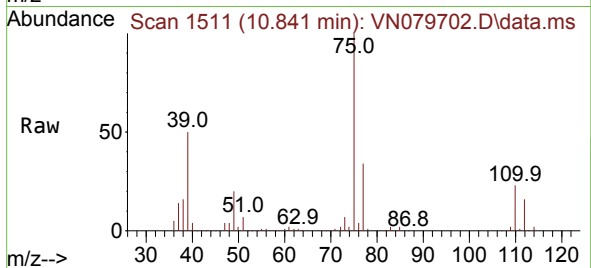




#53
 t-1,3-Dichloropropene
 Concen: 51.759 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

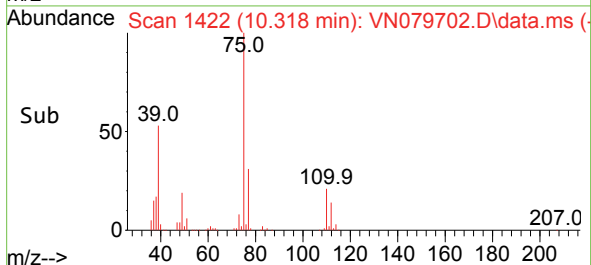
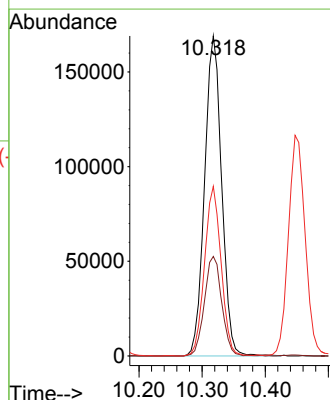
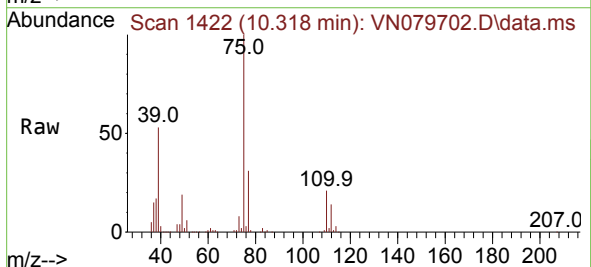
Instrument :
 MSVOA_N
 ClientSampleId :

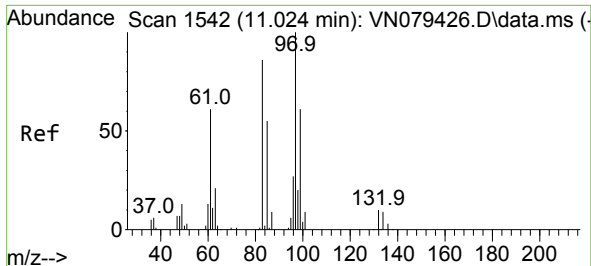
Tgt Ion: 75 Resp: 290525
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.710 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

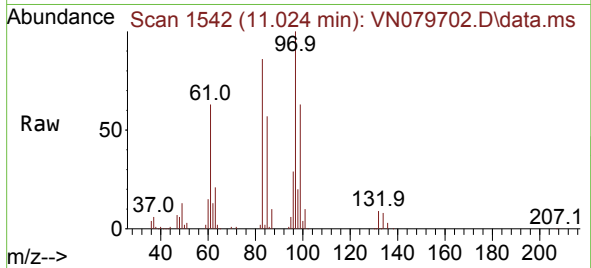
Tgt Ion: 75 Resp: 317737
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.1 39.1
 39 53.0 31.6 47.4#



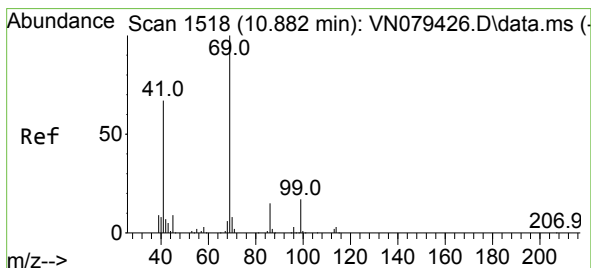
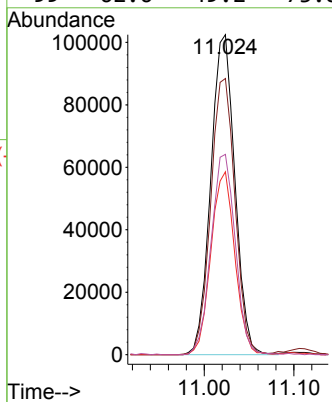
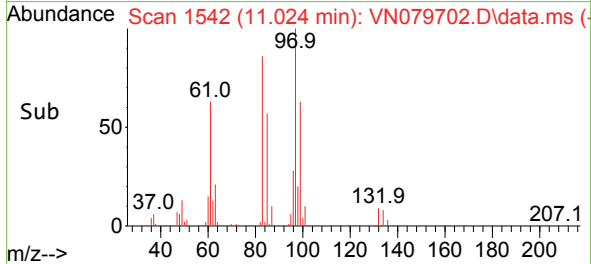


#55
 1,1,2-Trichloroethane
 Concen: 50.971 ug/l
 RT: 11.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

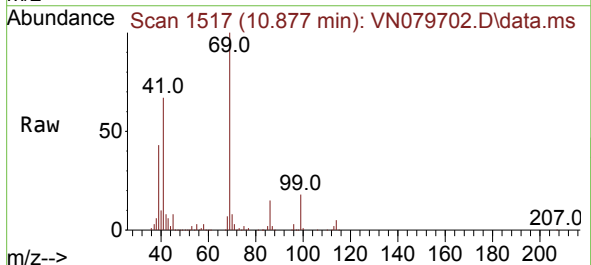
Instrument :
 MSVOA_N
 ClientSampleId :



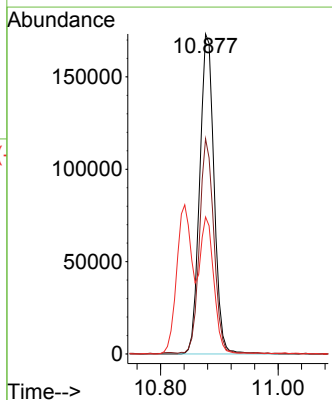
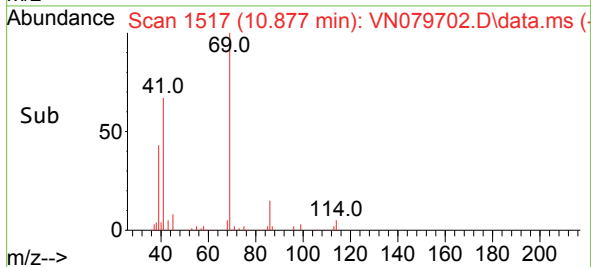
Tgt Ion:	97	Resp:	191134
Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.1	97.7
85	57.1	43.4	65.2
99	62.6	49.2	73.8

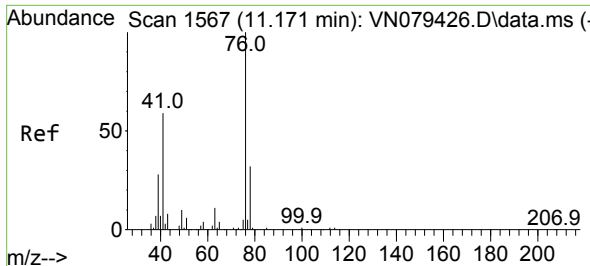


#56
 Ethyl methacrylate
 Concen: 57.121 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.005 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12



Tgt Ion:	69	Resp:	294328
Ion	Ratio	Lower	Upper
69	100		
41	66.6	39.6	59.4#
39	41.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.859 ug/l

RT: 11.171 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

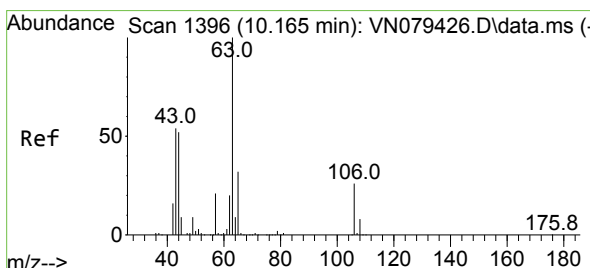
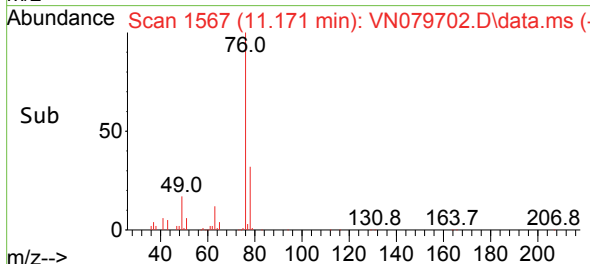
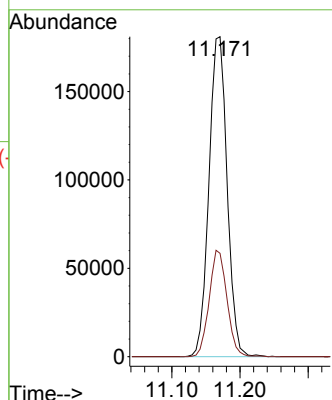
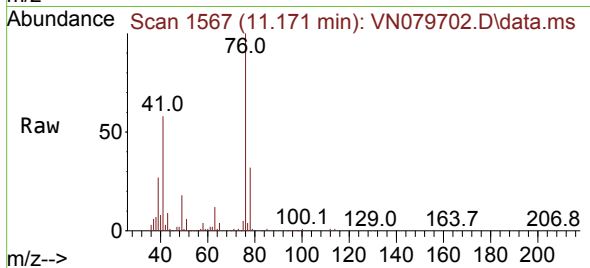
ClientSampleId :

Tgt Ion: 76 Resp: 335788

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 267.820 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079702.D

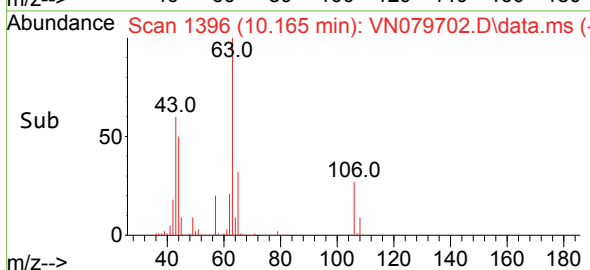
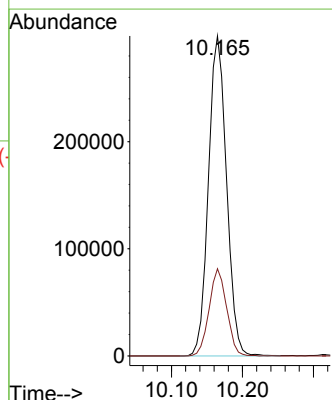
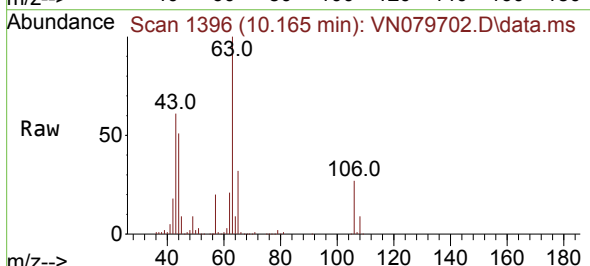
Acq: 26 Oct 2023 18:12

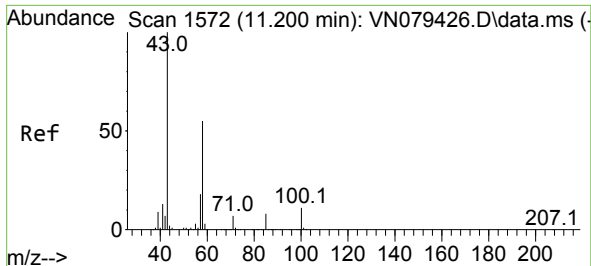
Tgt Ion: 63 Resp: 528496

Ion Ratio Lower Upper

63 100

106 26.4 26.2 39.4

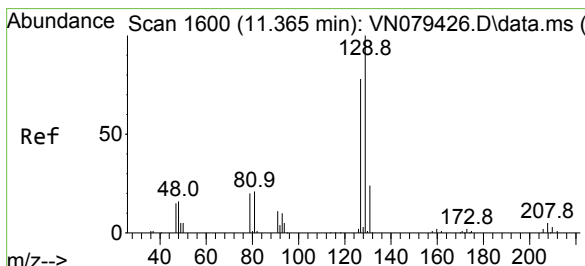
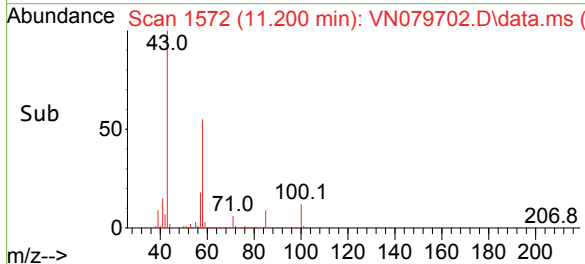
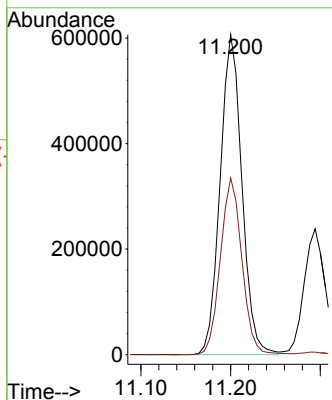
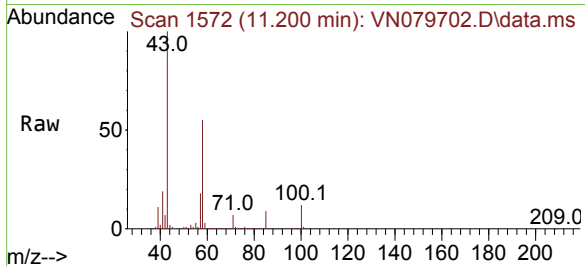




#59
2-Hexanone
Concen: 269.093 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

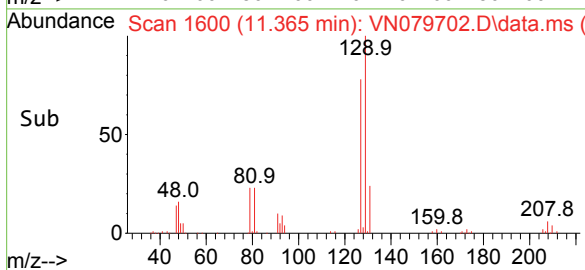
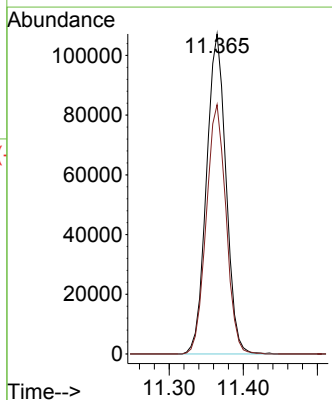
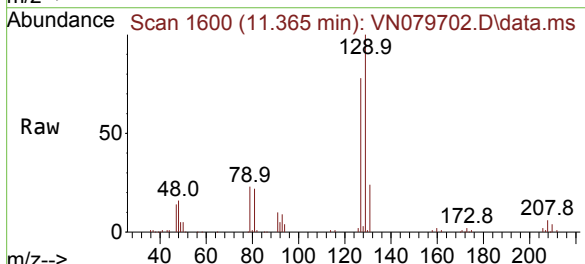
Instrument :
MSVOA_N
ClientSampleId :

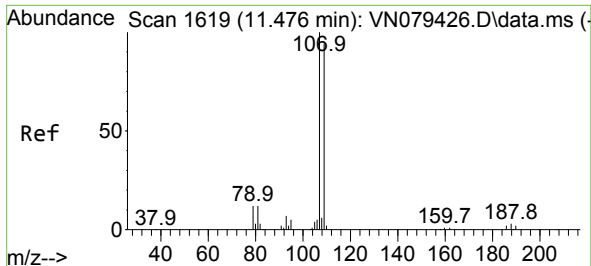
Tgt Ion: 43 Resp: 1020970
Ion Ratio Lower Upper
43 100
58 54.6 31.7 95.1



#60
Dibromochloromethane
Concen: 51.953 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion:129 Resp: 195793
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0

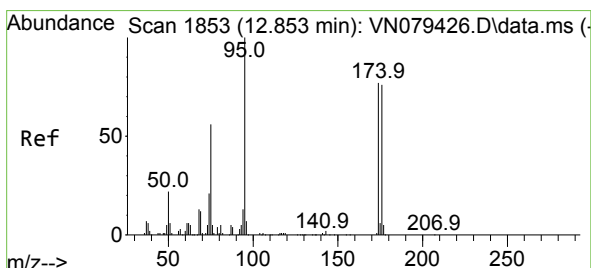
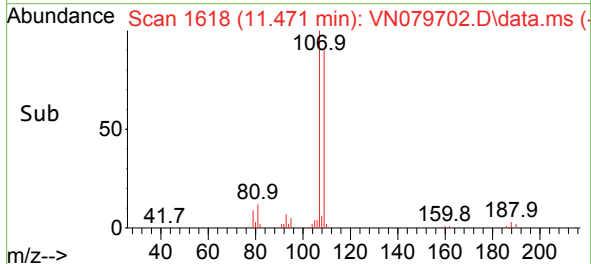
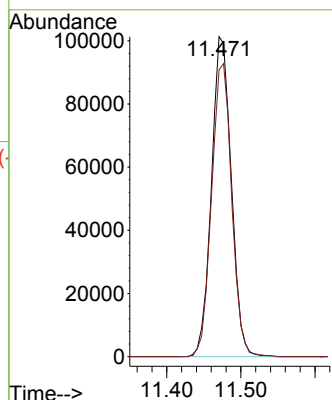
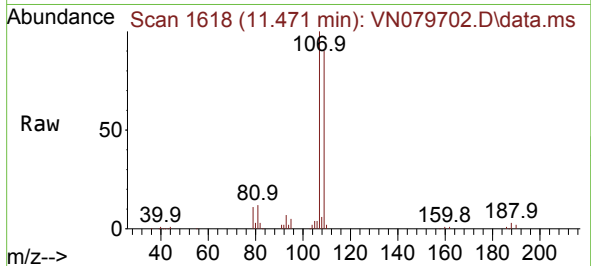




#61
1,2-Dibromoethane
Concen: 50.579 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

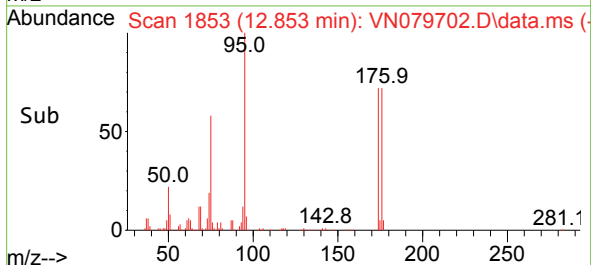
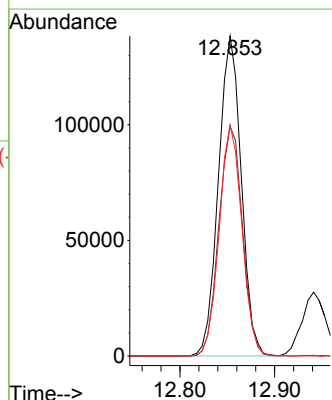
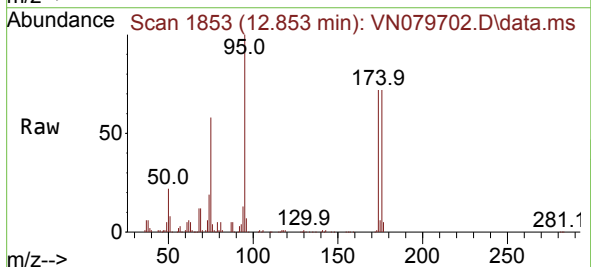
Instrument :
MSVOA_N
ClientSampleId :

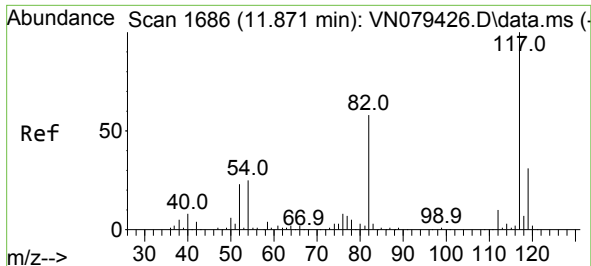
Tgt Ion:107 Resp: 188221
Ion Ratio Lower Upper
107 100
109 92.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 56.121 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion: 95 Resp: 231990
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 71.8 0.0 135.8

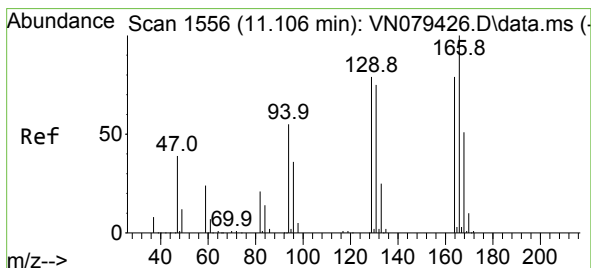
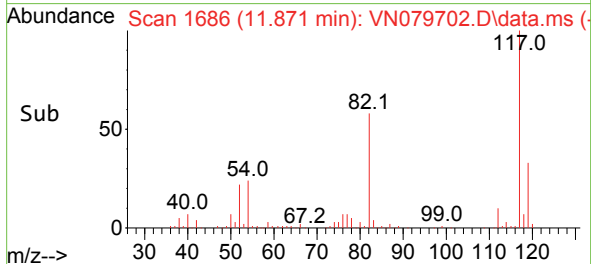
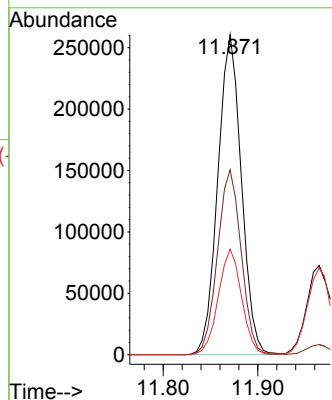
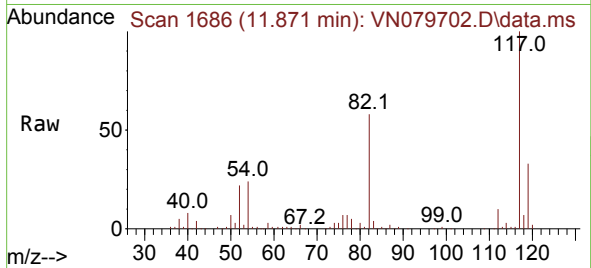




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

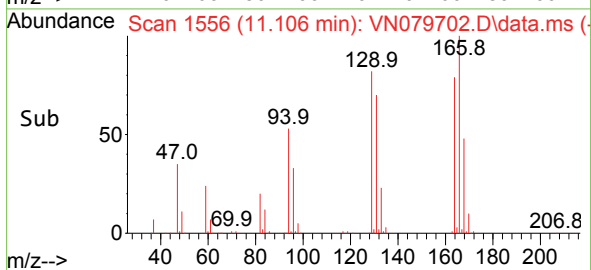
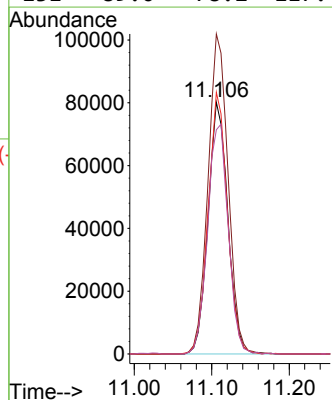
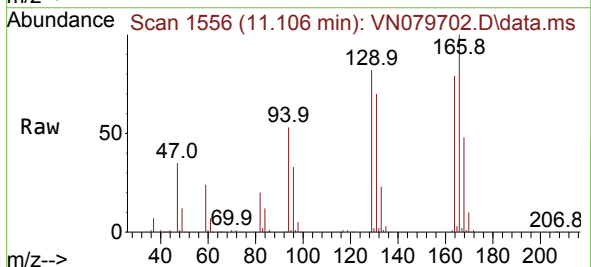
Instrument :
MSVOA_N
ClientSampleId :

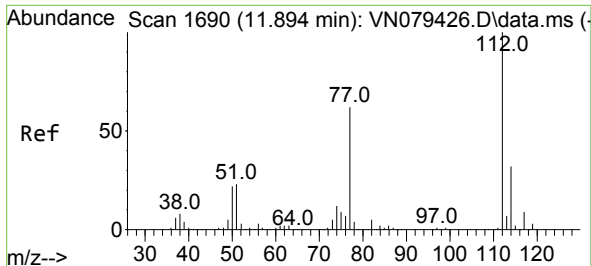
Tgt Ion:117 Resp: 450949
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 45.737 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion:164 Resp: 141885
Ion Ratio Lower Upper
164 100
166 127.1 101.4 152.0
129 103.9 82.4 123.6
131 89.0 78.2 117.4

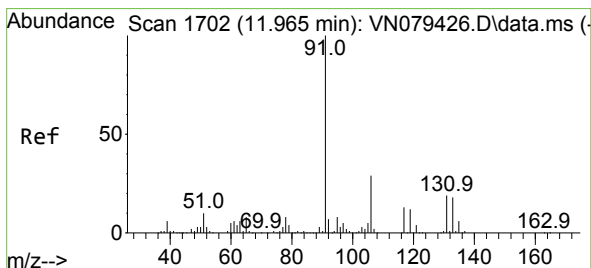
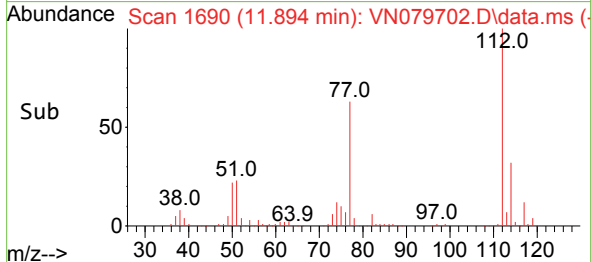
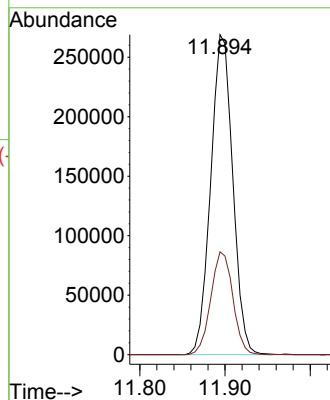
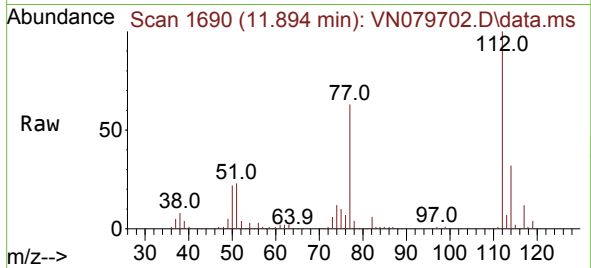




#65
Chlorobenzene
Concen: 48.100 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

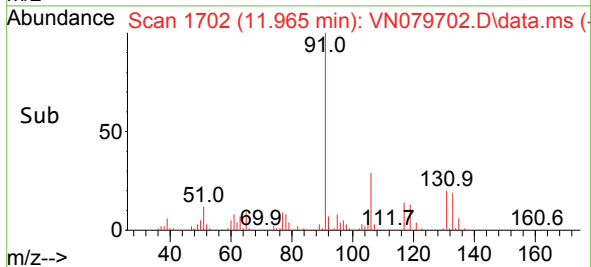
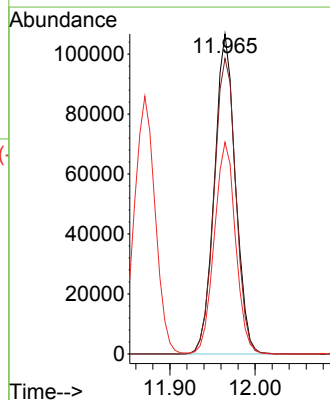
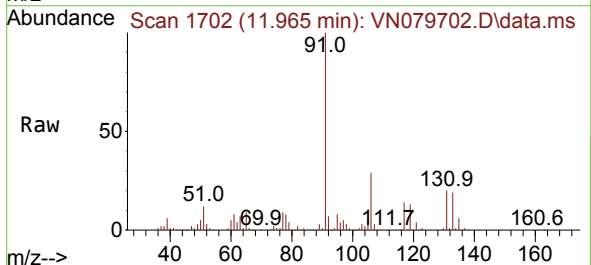
Instrument :
MSVOA_N
ClientSampleId :

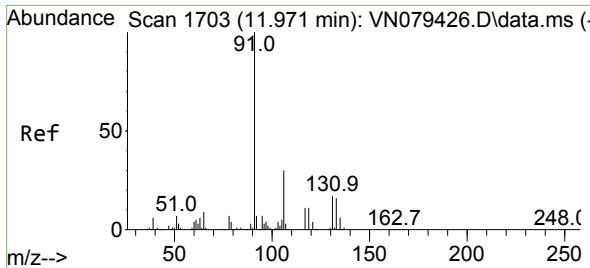
Tgt Ion:112 Resp: 483052
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.745 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion:131 Resp: 182917
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 66.9 34.1 102.2

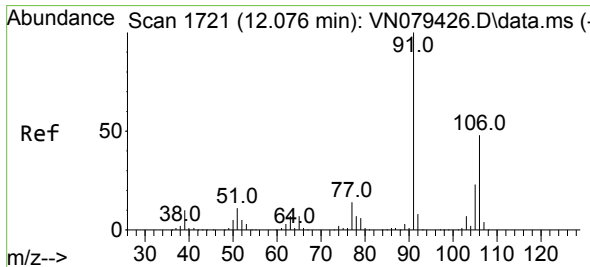
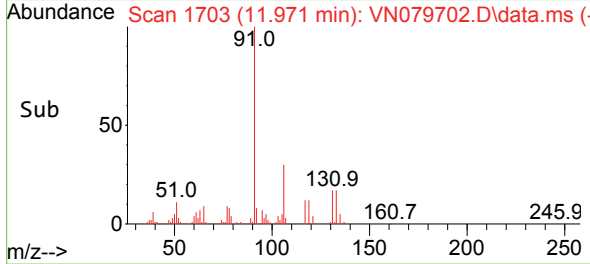
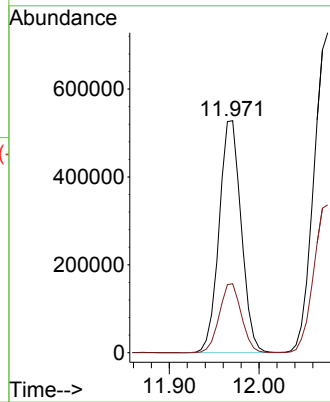
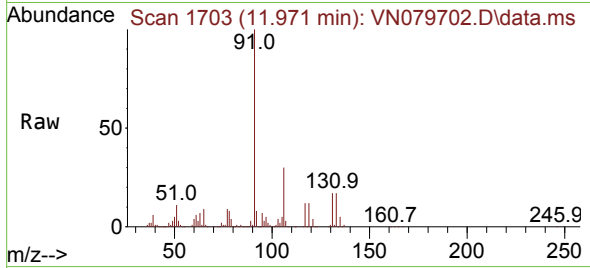




#67
Ethyl Benzene
Concen: 51.716 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

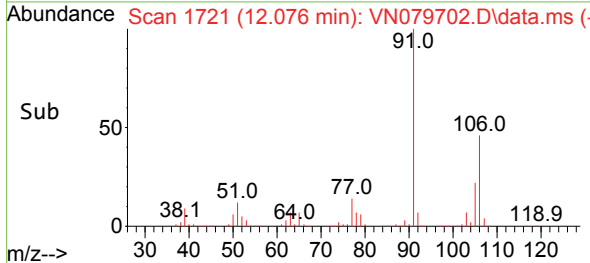
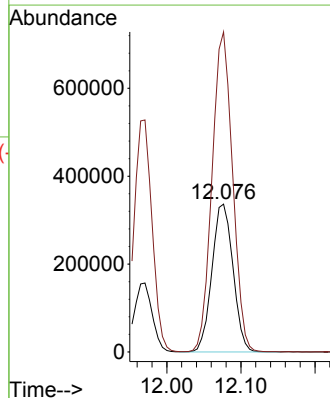
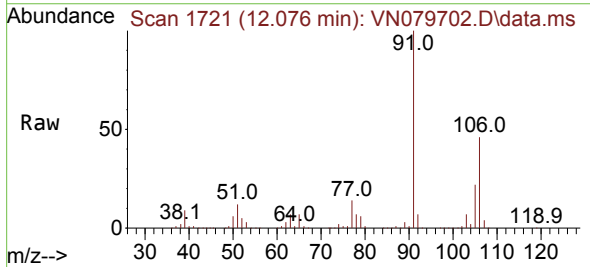
Instrument :
MSVOA_N
ClientSampleId :

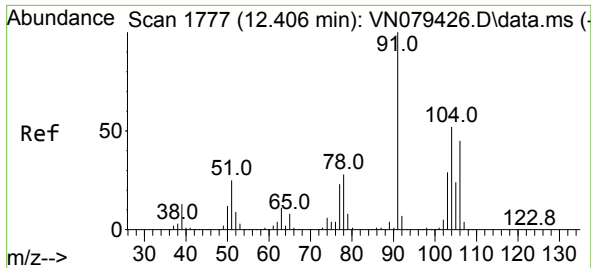
Tgt Ion: 91 Resp: 902717
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 104.712 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion:106 Resp: 664118
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4

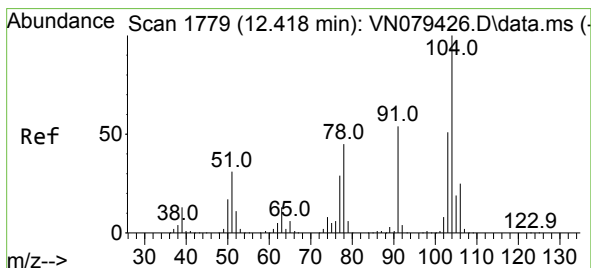
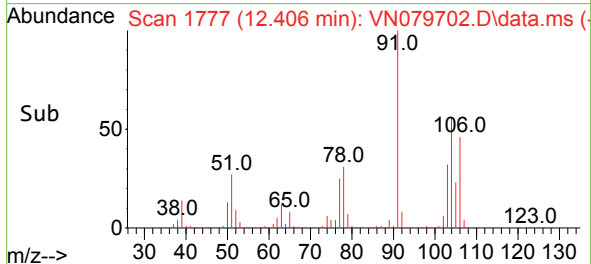
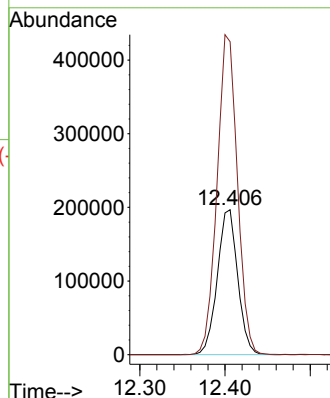
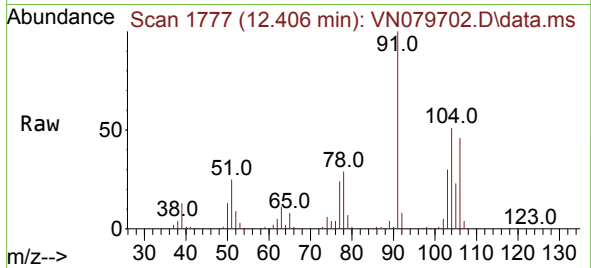




#69
o-Xylene
Concen: 52.433 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

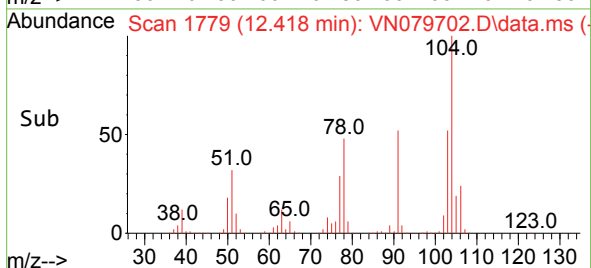
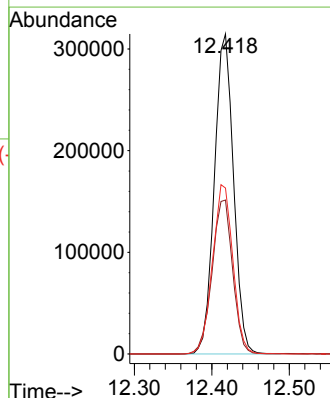
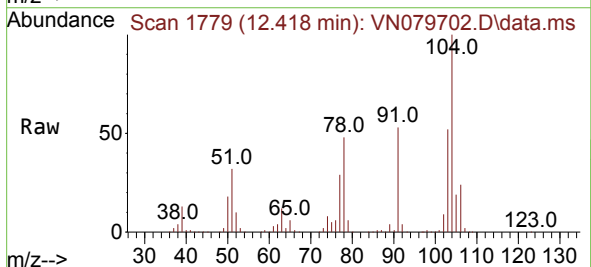
Instrument :
MSVOA_N
ClientSampleId :

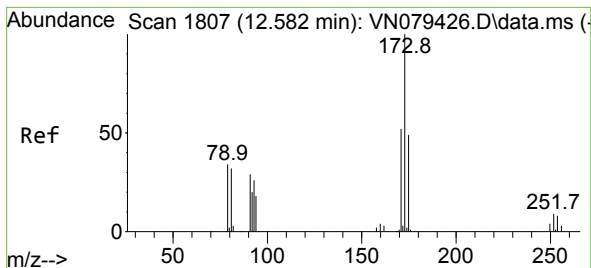
Tgt Ion:106 Resp: 327042
Ion Ratio Lower Upper
106 100
91 220.7 105.2 315.5



#70
Styrene
Concen: 54.773 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion:104 Resp: 539637
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 56.3 43.2 64.8





#71

Bromoform

Concen: 50.566 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

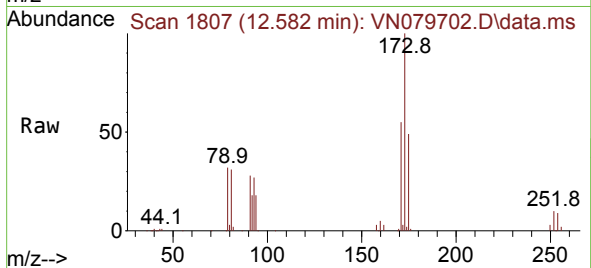
Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :



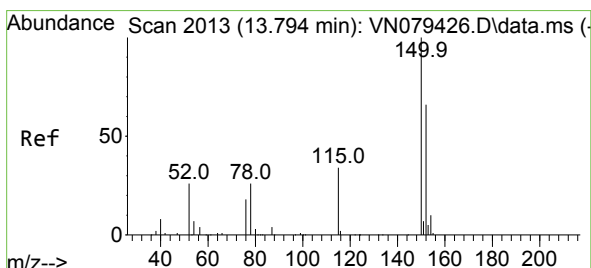
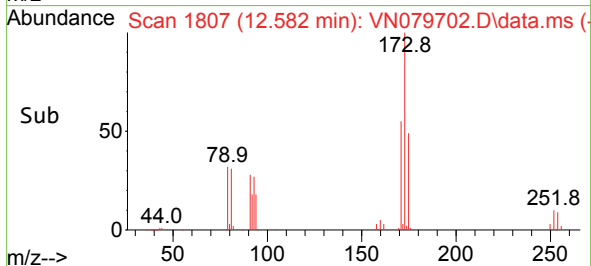
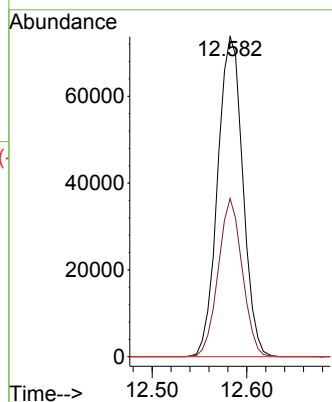
Tgt Ion:173 Resp: 136083

Ion Ratio Lower Upper

173 100

175 47.3 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: VN079702.D

Acq: 26 Oct 2023 18:12

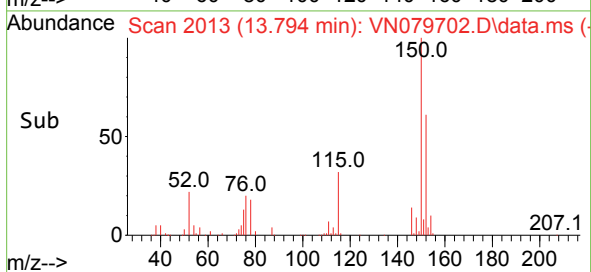
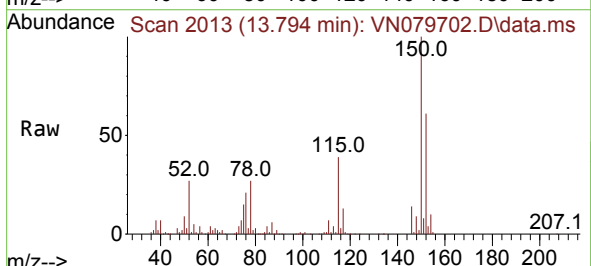
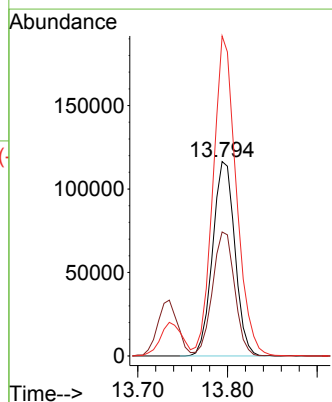
Tgt Ion:152 Resp: 200608

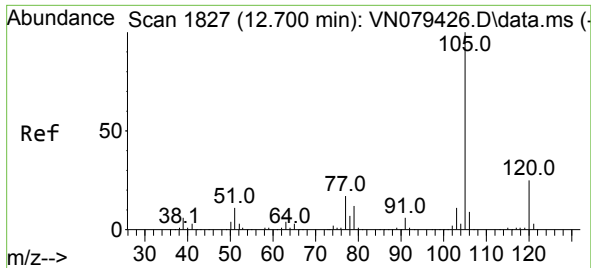
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

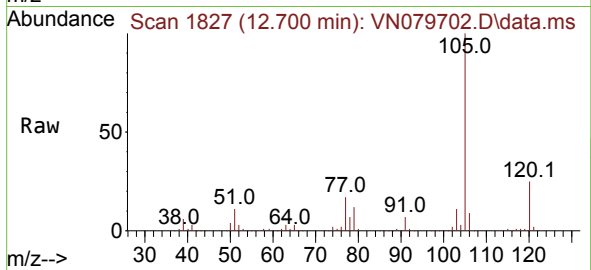
150 171.8 0.0 355.8



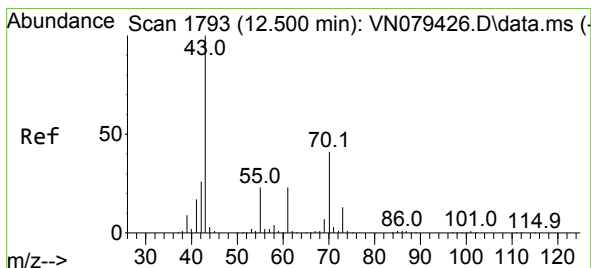
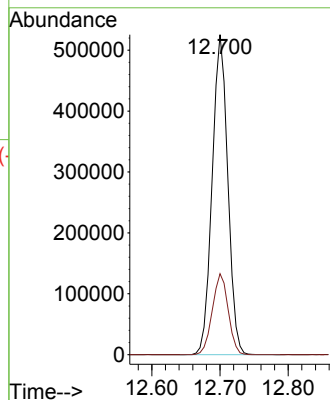
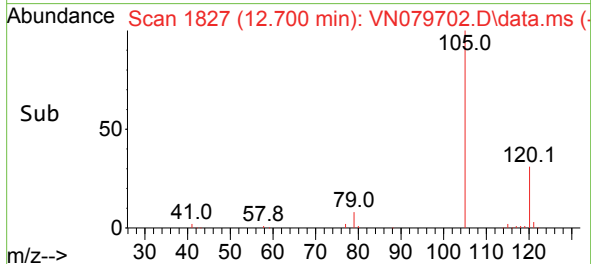


#73
Isopropylbenzene
Concen: 44.857 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

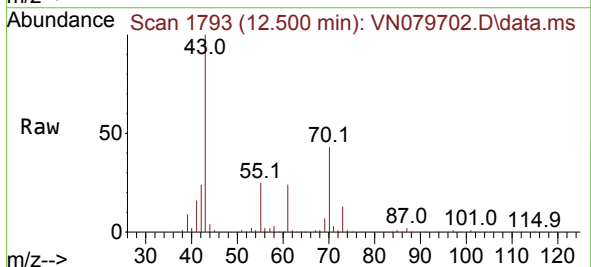
Instrument :
MSVOA_N
ClientSampleId :



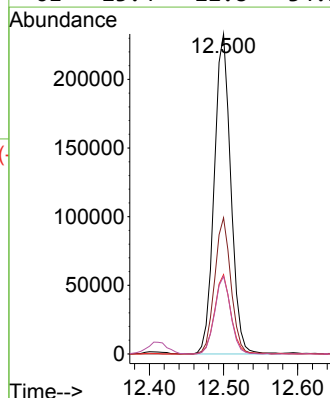
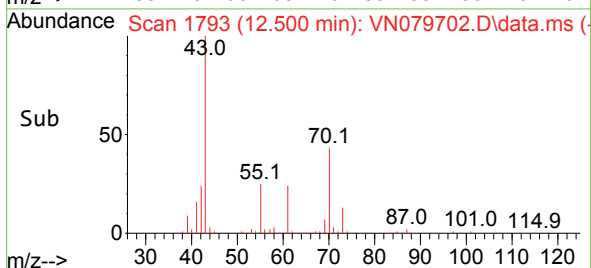
Tgt Ion:105 Resp: 837164
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

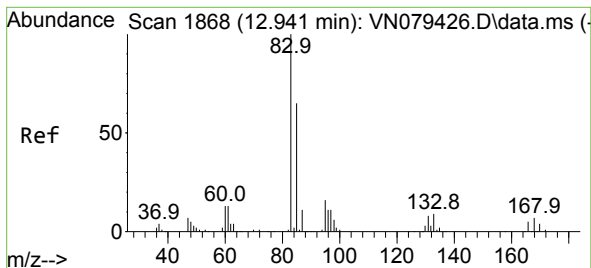


#74
N-ethyl acetate
Concen: 47.279 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12



Tgt Ion: 43 Resp: 361734
Ion Ratio Lower Upper
43 100
70 41.8 43.4 65.2#
55 24.4 21.4 32.0
61 23.4 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 47.989 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

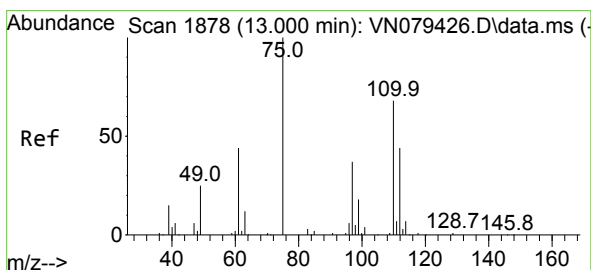
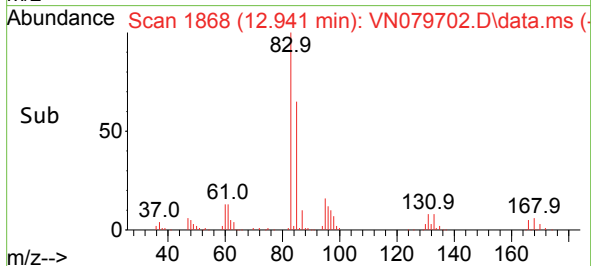
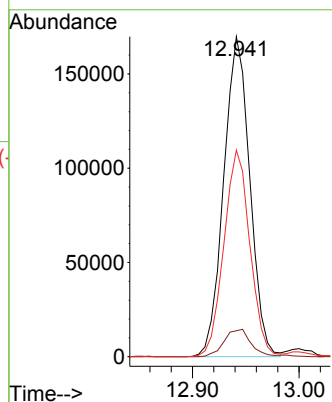
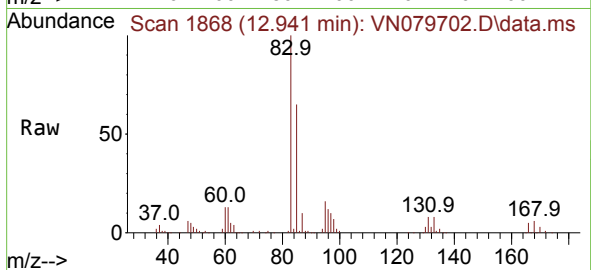
Tgt Ion: 83 Resp: 289375

Ion Ratio Lower Upper

83 100

131 9.1 5.0 15.0

85 64.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 60.478 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN079702.D

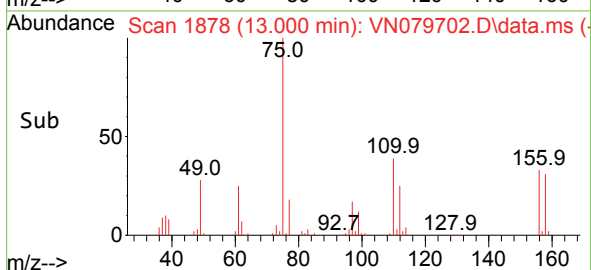
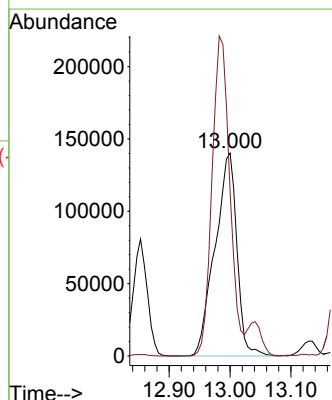
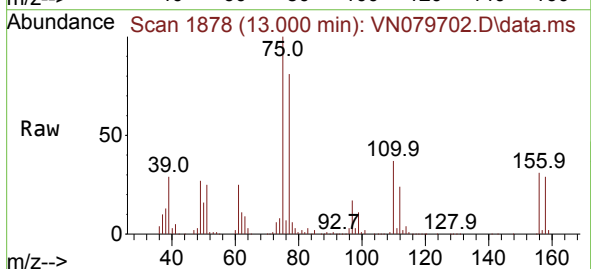
Acq: 26 Oct 2023 18:12

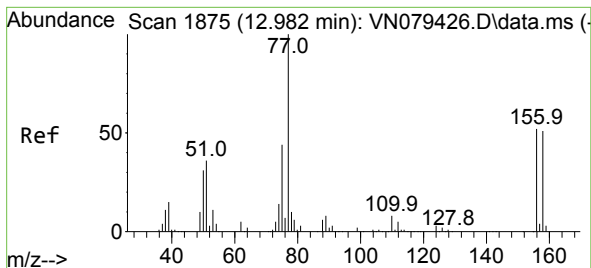
Tgt Ion: 75 Resp: 349811

Ion Ratio Lower Upper

75 100

77 128.0 84.5 253.5





#77

Bromobenzene

Concen: 41.537 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

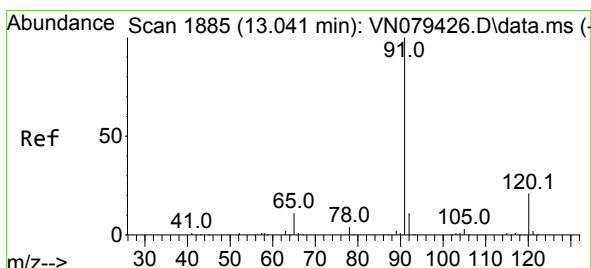
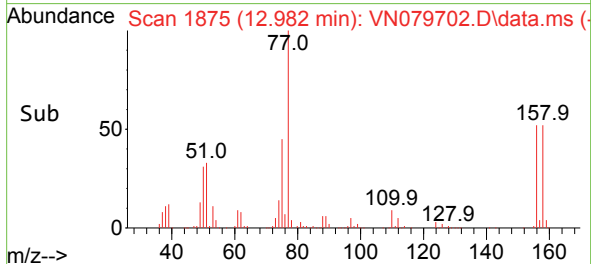
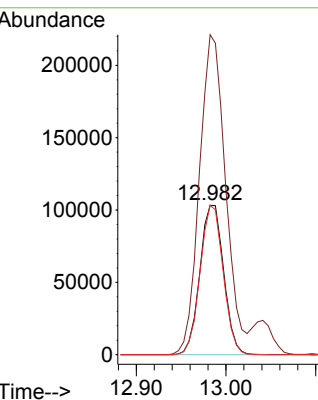
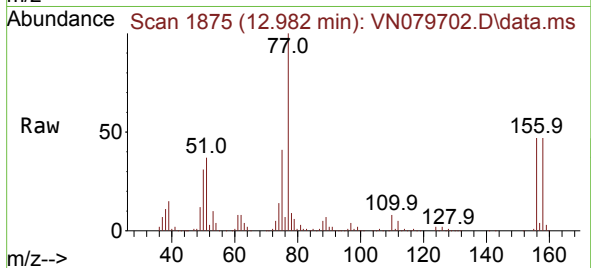
Tgt Ion:156 Resp: 190079

Ion Ratio Lower Upper

156 100

77 235.5 107.7 323.3

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 46.325 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079702.D

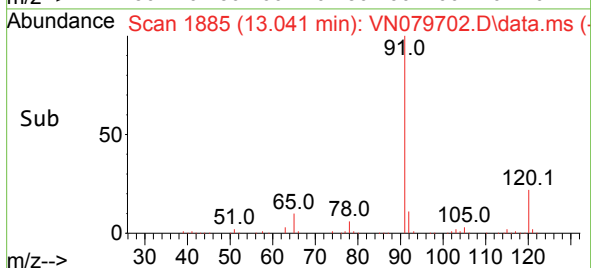
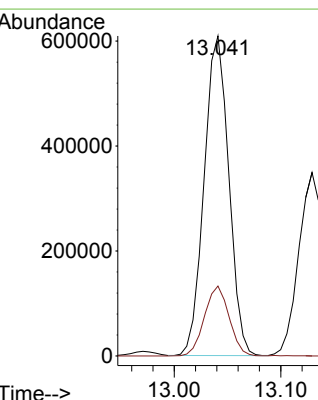
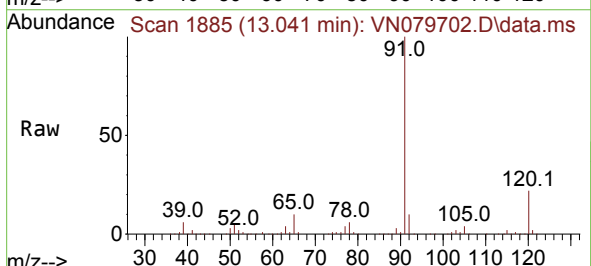
Acq: 26 Oct 2023 18:12

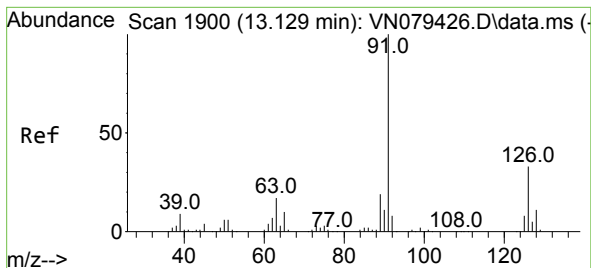
Tgt Ion: 91 Resp: 978191

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

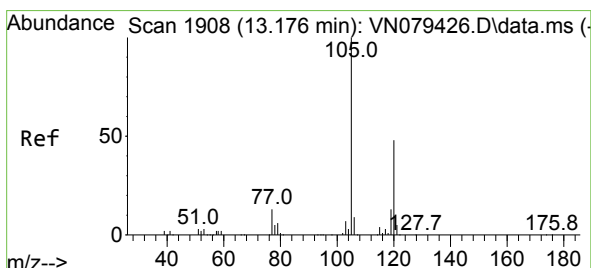
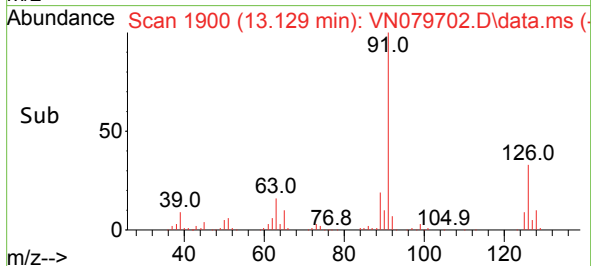
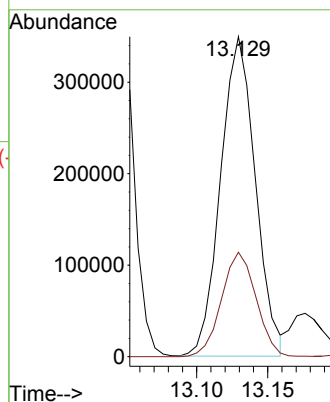
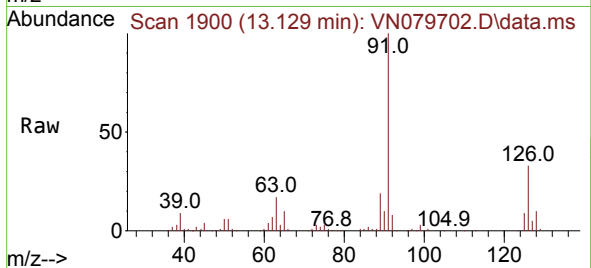




#79
2-Chlorotoluene
Concen: 43.965 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

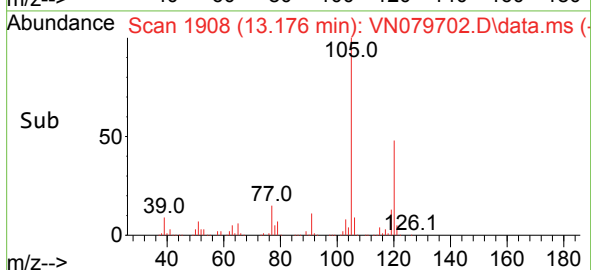
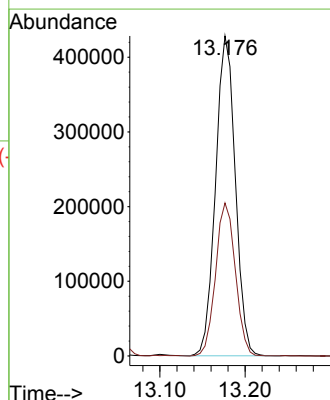
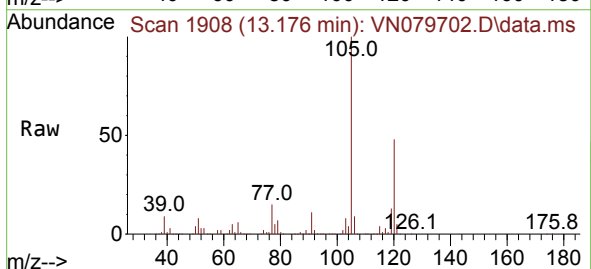
Instrument :
MSVOA_N
ClientSampleId :

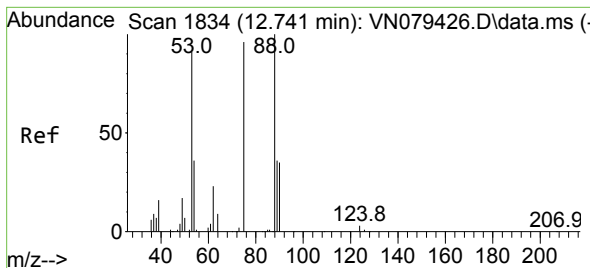
Tgt Ion: 91 Resp: 594046
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.857 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

Tgt Ion:105 Resp: 689584
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

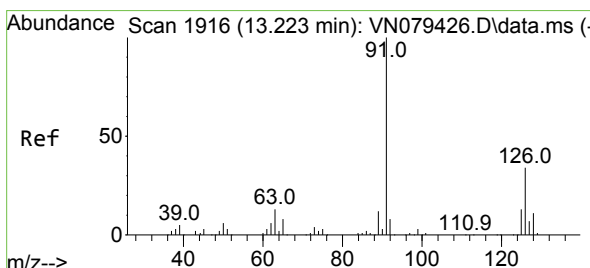
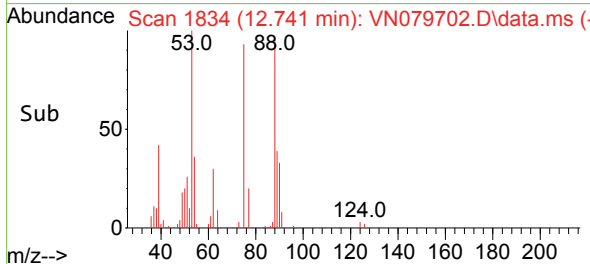
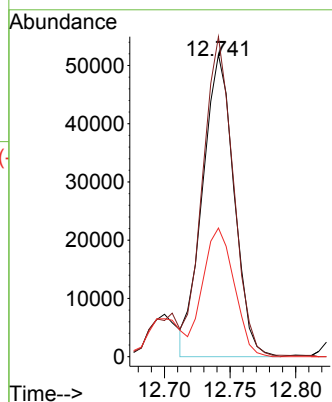
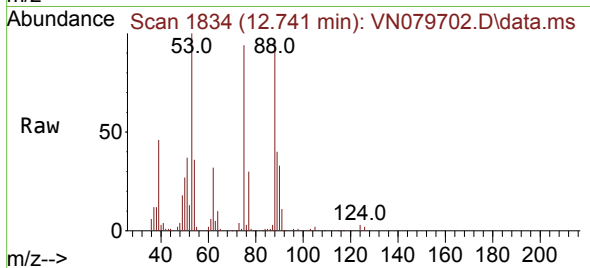




#81
trans-1,4-Dichloro-2-butene
Concen: 43.492 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

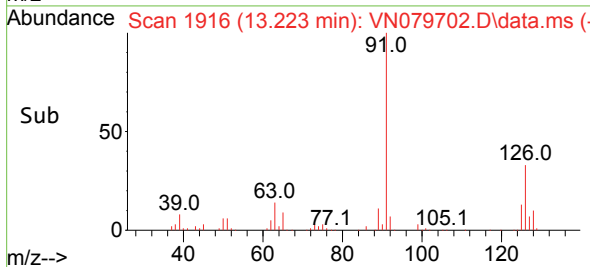
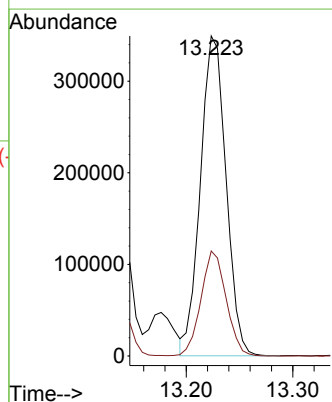
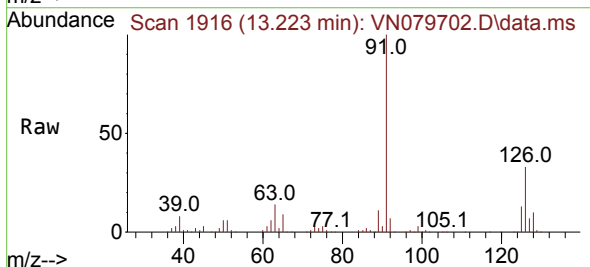
Instrument :
MSVOA_N
ClientSampleId :

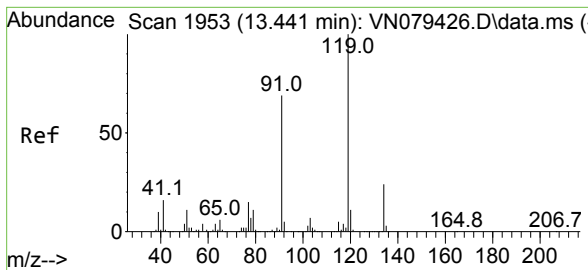
Tgt Ion: 75 Resp: 86700
Ion Ratio Lower Upper
75 100
53 116.8 67.4 101.2#
89 42.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 45.401 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

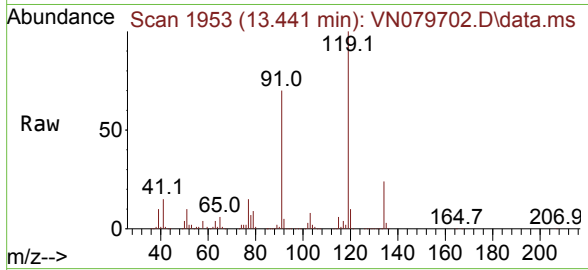
Tgt Ion: 91 Resp: 583741
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0



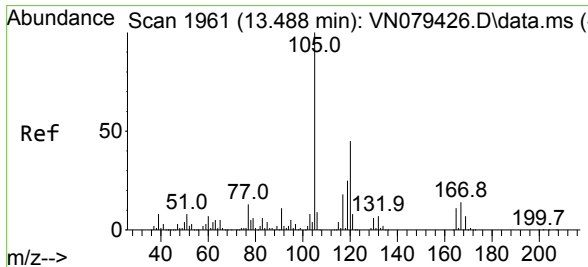
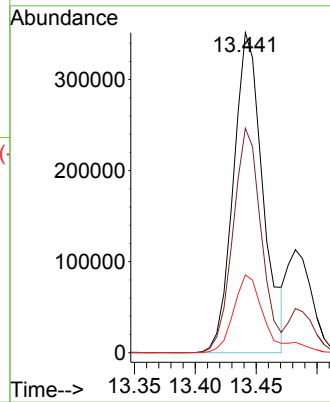
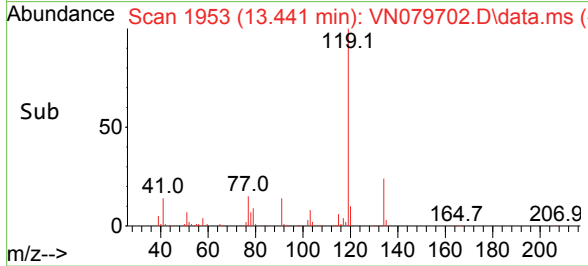


#83
 tert-Butylbenzene
 Concen: 49.090 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

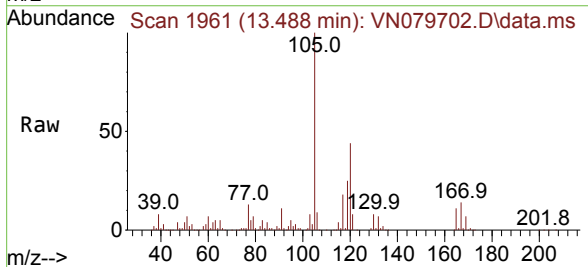
Instrument :
 MSVOA_N
 ClientSampleId :



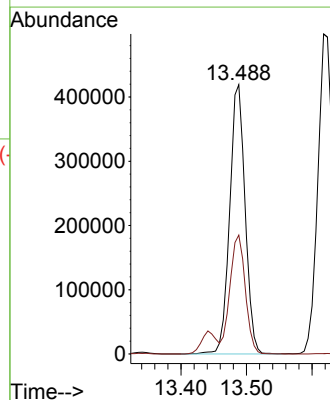
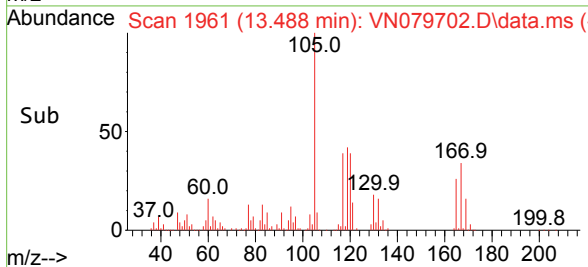
Tgt Ion:119 Resp: 591904
 Ion Ratio Lower Upper
 119 100
 91 67.6 33.9 101.7
 134 25.9 13.2 39.6

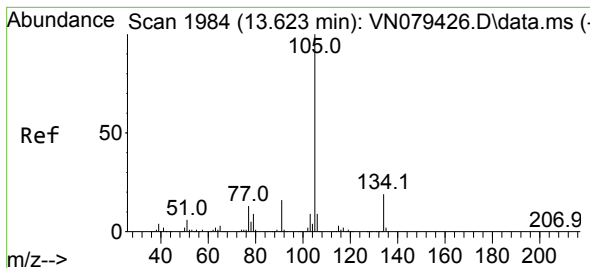


#84
 1,2,4-Trimethylbenzene
 Concen: 48.762 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12



Tgt Ion:105 Resp: 684855
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.063 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

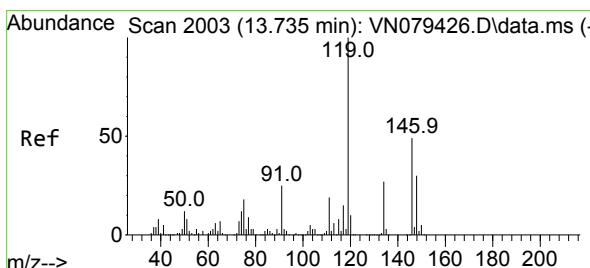
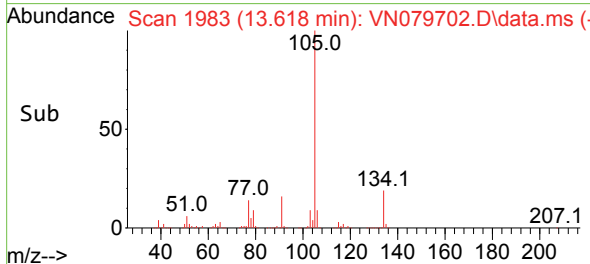
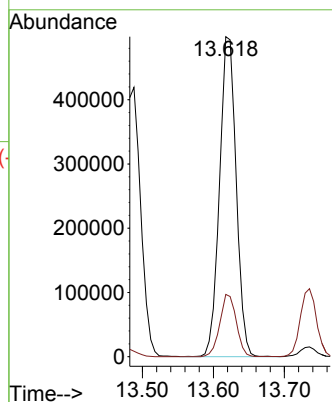
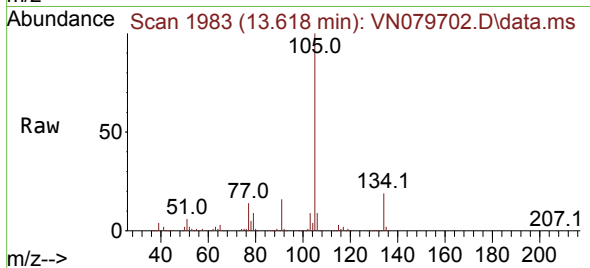
ClientSampleId :

Tgt Ion:105 Resp: 808333

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.244 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

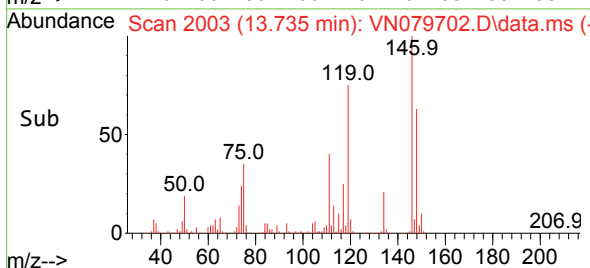
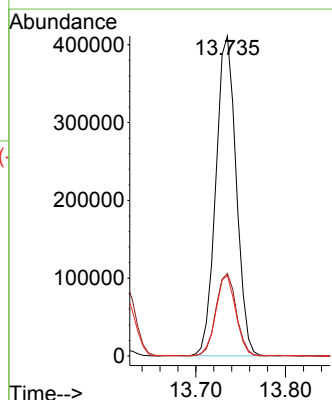
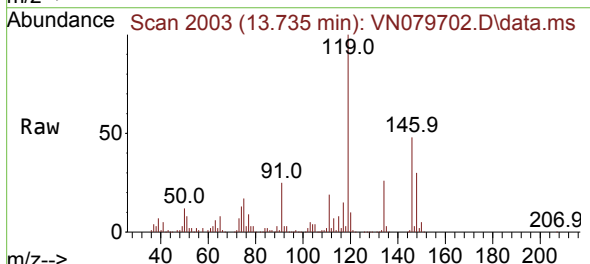
Tgt Ion:119 Resp: 648253

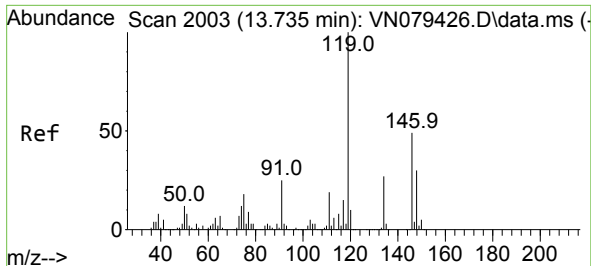
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

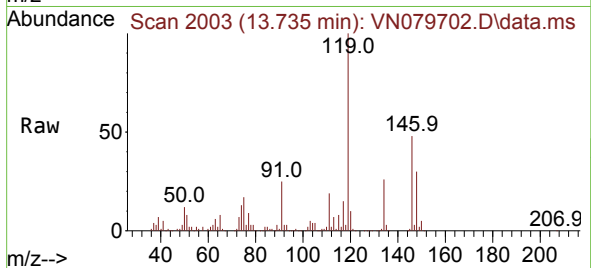
91 24.5 12.4 37.2



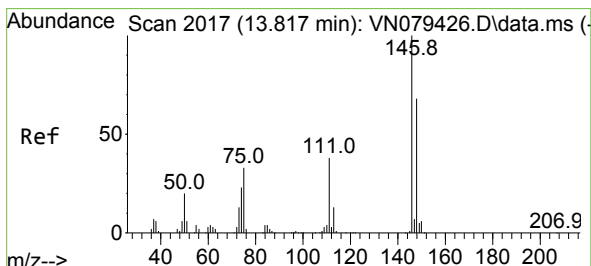
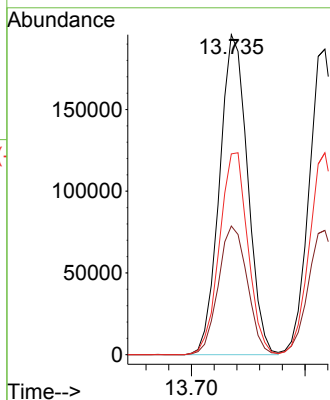
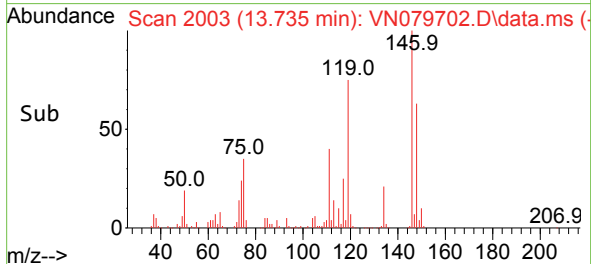


#87
1,3-Dichlorobenzene
Concen: 46.363 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

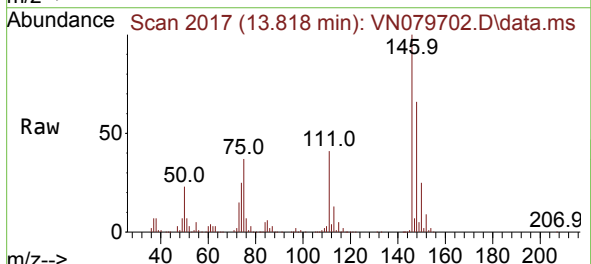
Instrument :
MSVOA_N
ClientSampleId :



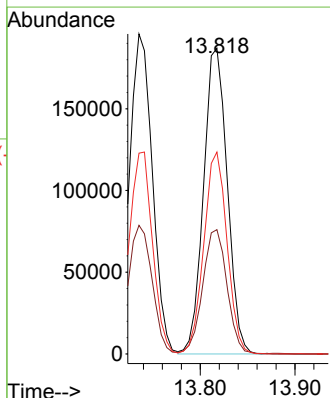
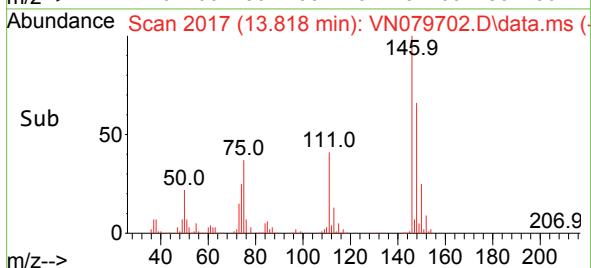
Tgt Ion:146 Resp: 336512
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.3
148 63.6 32.0 96.0

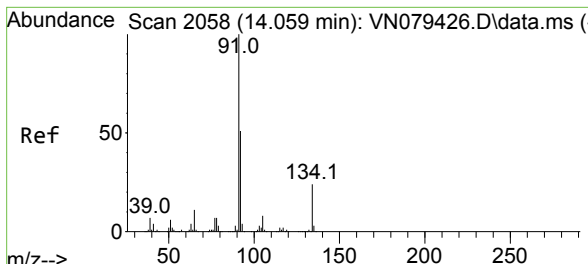


#88
1,4-Dichlorobenzene
Concen: 43.413 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12



Tgt Ion:146 Resp: 325353
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 64.7 31.6 94.8

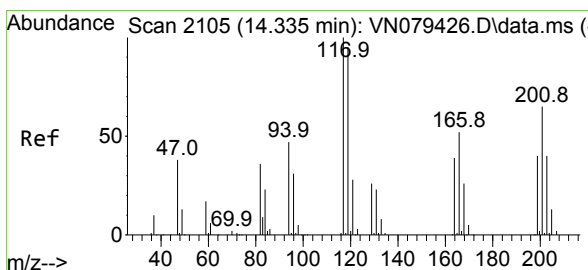
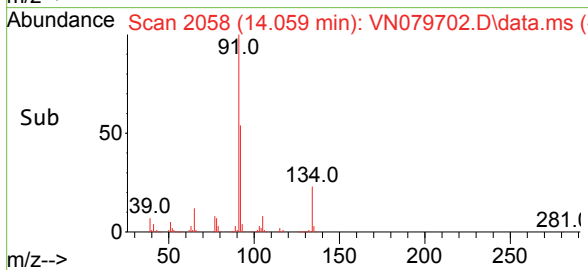
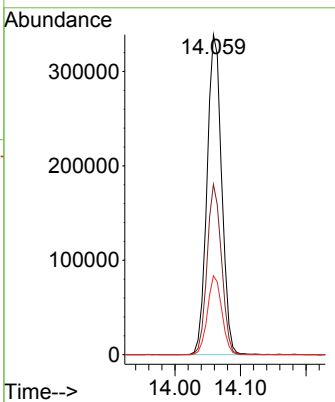
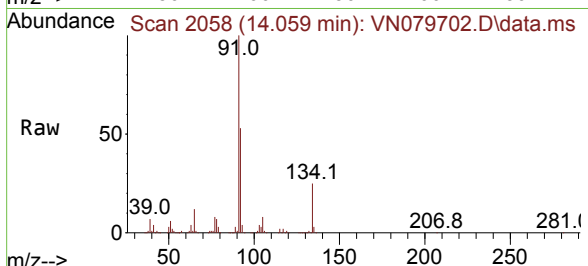




#89
 n-Butylbenzene
 Concen: 51.035 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

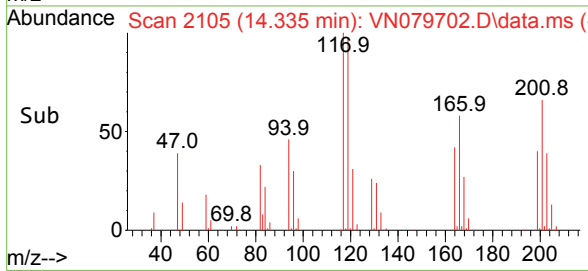
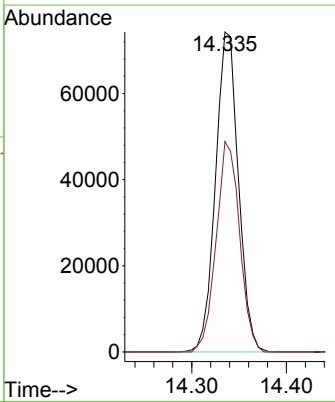
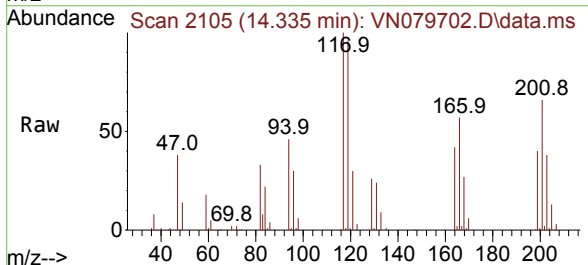
Instrument :
 MSVOA_N
 ClientSampleId :

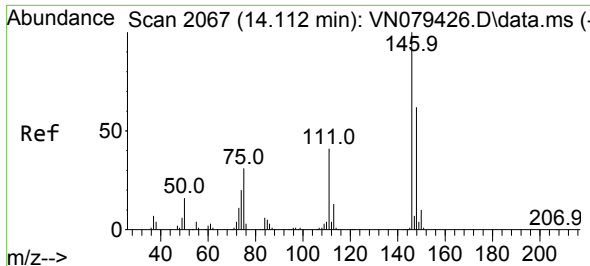
Tgt Ion:	91	Resp:	525812
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.0
134	24.2	12.6	37.6



#90
 Hexachloroethane
 Concen: 47.619 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

Tgt Ion:	117	Resp:	124860
Ion	Ratio	Lower	Upper
117	100		
201	67.2	29.3	88.0

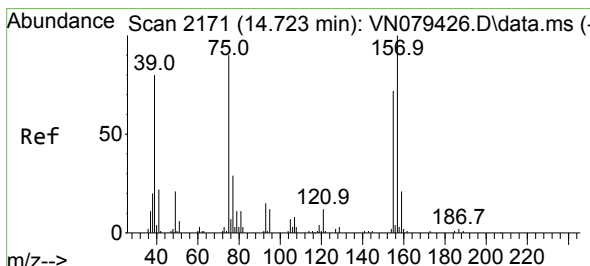
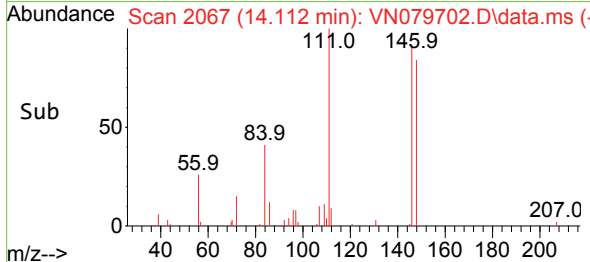
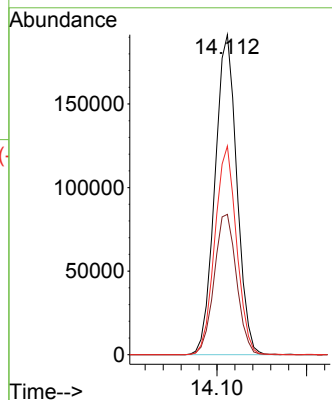
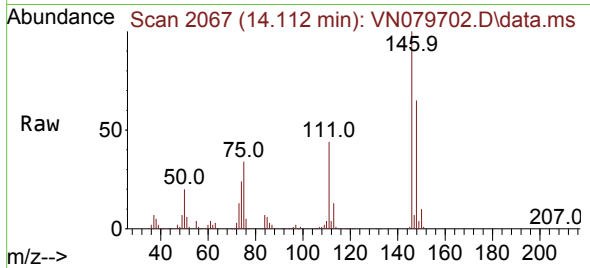




#91
1,2-Dichlorobenzene
Concen: 45.769 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

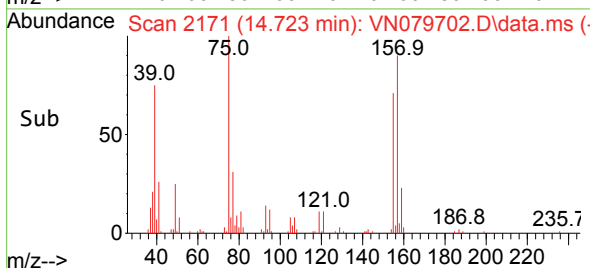
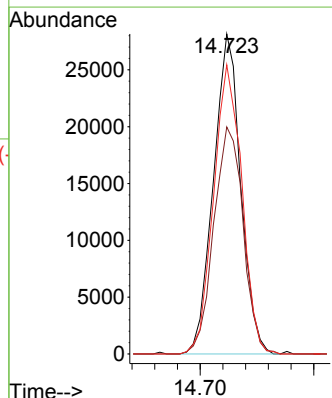
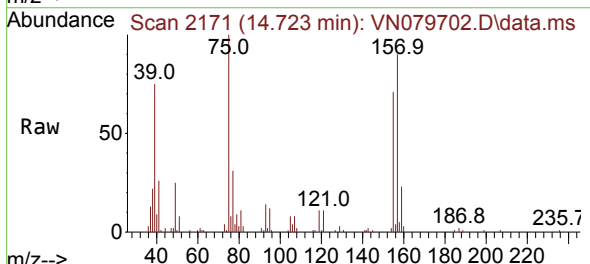
Instrument :
MSVOA_N
ClientSampleId :

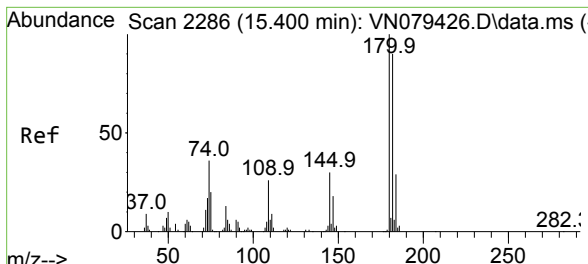
Tgt Ion:146 Resp: 324036
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 64.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.513 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079702.D
Acq: 26 Oct 2023 18:12

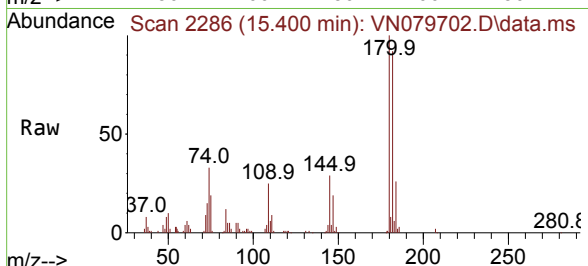
Tgt Ion: 75 Resp: 46958
Ion Ratio Lower Upper
75 100
155 76.2 39.1 117.2
157 93.2 50.3 150.9





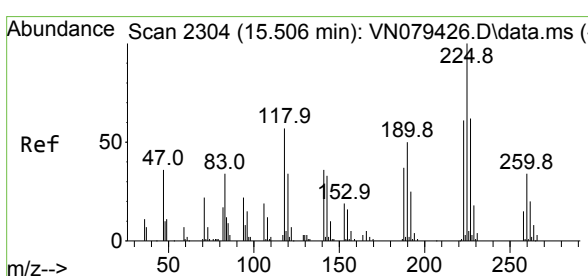
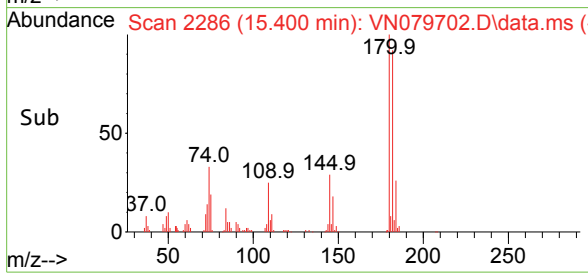
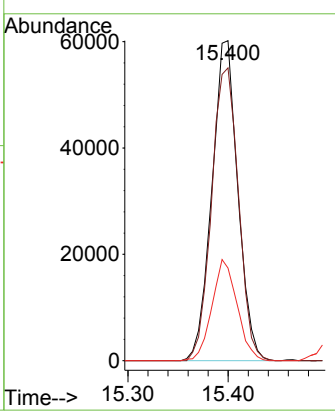
#93
 1,2,4-Trichlorobenzene
 Concen: 49.325 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 108155

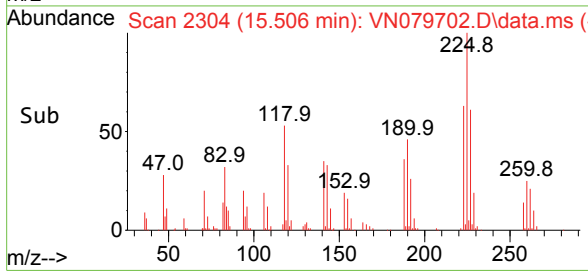
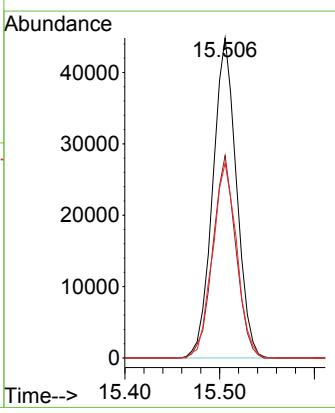
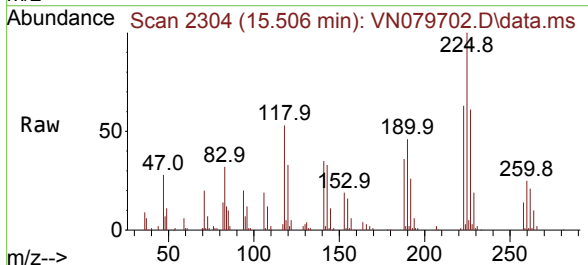
Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.1	138.2
145	30.6	16.6	49.8

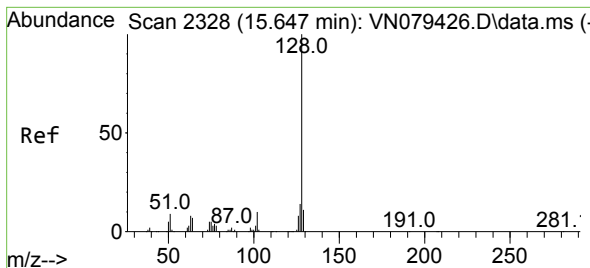


#94
 Hexachlorobutadiene
 Concen: 45.609 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN079702.D
 Acq: 26 Oct 2023 18:12

Tgt Ion:225 Resp: 77890

Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.3	93.8
227	62.3	31.9	95.9





#95

Naphthalene

Concen: 43.798 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

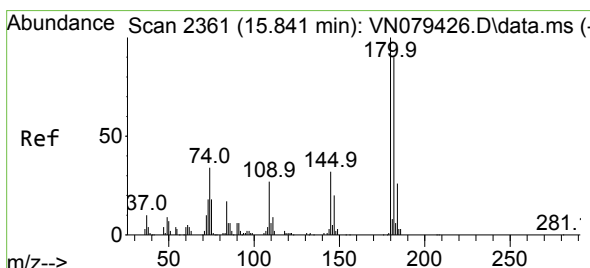
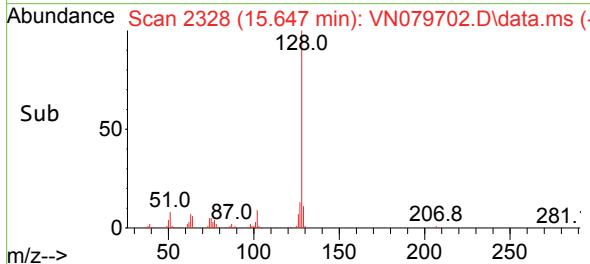
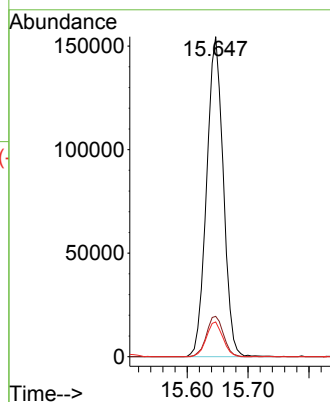
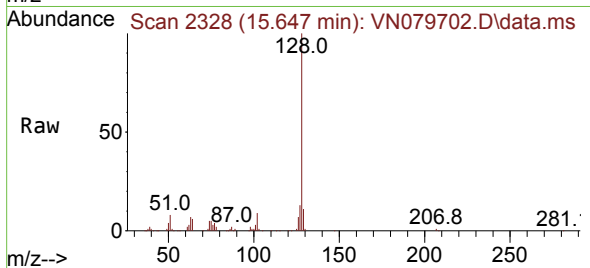
Tgt Ion:128 Resp: 293264

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 44.165 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079702.D

Acq: 26 Oct 2023 18:12

Tgt Ion:180 Resp: 115566

Ion Ratio Lower Upper

180 100

182 92.8 46.2 138.6

145 32.6 17.5 52.6

