

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079612.D
 Acq On : 19 Oct 2023 12:26
 Operator : JC\MD
 Sample : PB156485TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 01:28:03 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	8.229	168	243142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	475816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	499027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	204534	51.881	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.760%	
35) Dibromofluoromethane	8.171	113	185143	54.145	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.300%	
50) Toluene-d8	10.570	98	606855	49.049	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.853	95	210872	53.109	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.220%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1329	0.306	ug/l	92
10) Methyl Iodide	4.589	142	717	0.265	ug/l #	38
11) Tert butyl alcohol	5.512	59	1276	2.150	ug/l #	72
13) Acrolein	4.189	56	272	0.460	ug/l #	68
16) Acetone	4.441	43	16664	10.657	ug/l #	79
17) Carbon Disulfide	4.718	76	2015	0.225	ug/l #	75
18) Methyl Acetate	5.047	43	3147	0.411	ug/l #	59
20) Methylene Chloride	5.277	84	16387	4.235	ug/l #	73
25) 2-Butanone	7.494	43	5794	2.497	ug/l #	58
31) Cyclohexane	8.235	56	6728	1.203	ug/l #	59
36) 1,1-Dichloropropene	8.229	75	22961	4.474	ug/l #	47
37) Ethyl Acetate	7.571	43	5294	1.037	ug/l #	78
38) Carbon Tetrachloride	8.229	117	26769	5.210	ug/l #	18
42) 1,2-Dichloroethane	8.682	62	1302	0.235	ug/l #	73
43) Isopropyl Acetate	8.694	43	164410	18.377	ug/l #	82
45) 1,2-Dichloropropane	9.747	63	2401	0.598	ug/l #	45
48) Methyl methacrylate	9.747	41	165618	43.200	ug/l #	29
49) 1,4-Dioxane	9.706	88	57	0.807	ug/l #	30
51) 4-Methyl-2-Pentanone	10.459	43	6742	1.335	ug/l #	85
52) Toluene	10.635	92	3385	0.377	ug/l	90
54) cis-1,3-Dichloropropene	10.359	75	59814	10.135	ug/l #	73
57) 1,3-Dichloropropane	11.200	76	8472	1.362	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.171	63	630	0.332	ug/l #	42
59) 2-Hexanone	11.170	43	140205	38.472	ug/l #	19
74) N-amyl acetate	12.494	43	3763	0.617	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.941	83	764	Below Cal	#	40
76) 1,2,3-Trichloropropane	12.853	75	117635	25.504	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	117635	74.000	ug/l #	15
87) 1,3-Dichlorobenzene	13.747	146	1435	0.248	ug/l	99
88) 1,4-Dichlorobenzene	13.747	146	1435	0.240	ug/l	98
89) n-Butylbenzene	14.059	91	2841	0.346	ug/l	88
90) Hexachloroethane	14.335	117	115	Below Cal	#	21
91) 1,2-Dichlorobenzene	14.106	146	1518	0.269	ug/l	78
92) 1,2-Dibromo-3-Chloropr...	14.723	75	239	0.278	ug/l #	51
93) 1,2,4-Trichlorobenzene	15.400	180	984	0.563	ug/l	68
94) Hexachlorobutadiene	15.500	225	854	0.627	ug/l	97

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

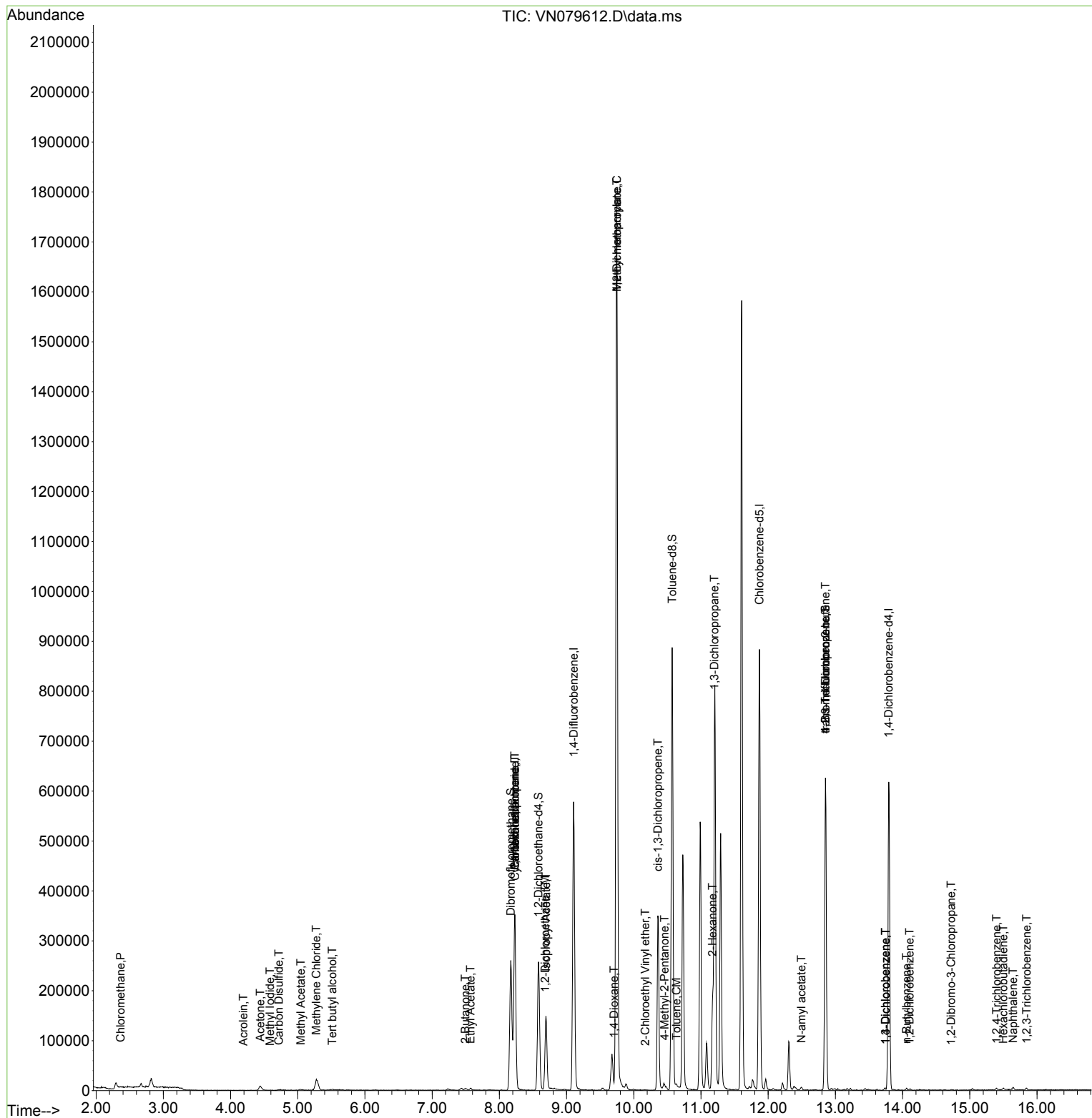
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.647	128	4853	0.909	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.847	180	1851	0.887	ug/l #	85

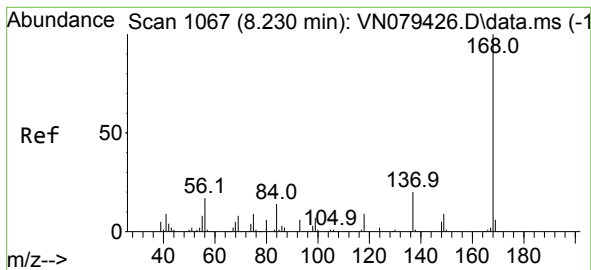
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

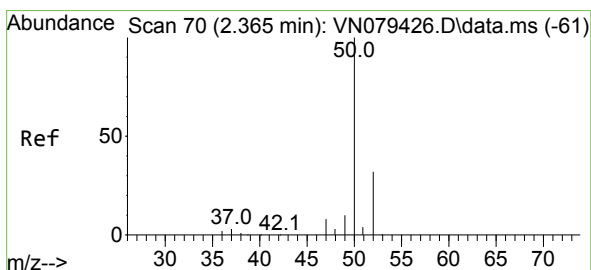
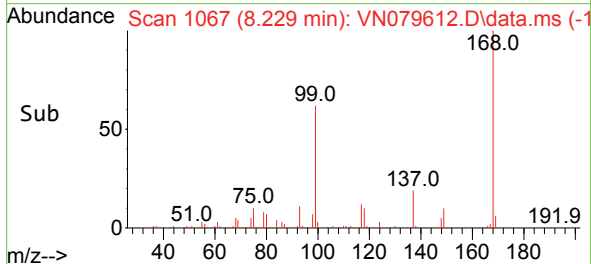
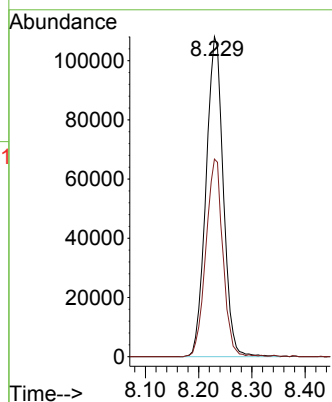
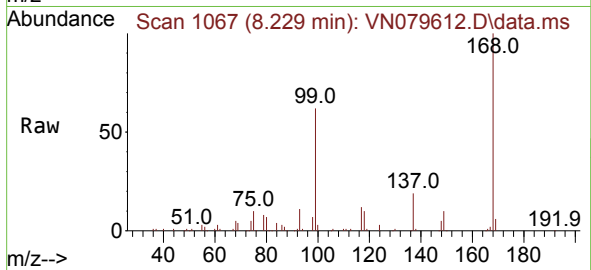
ClientSampleId :

Tgt Ion:168 Resp: 243142

Ion Ratio Lower Upper

168 100

99 61.8 53.0 79.6



#3

Chloromethane

Concen: 0.306 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.000 min

Lab File: VN079612.D

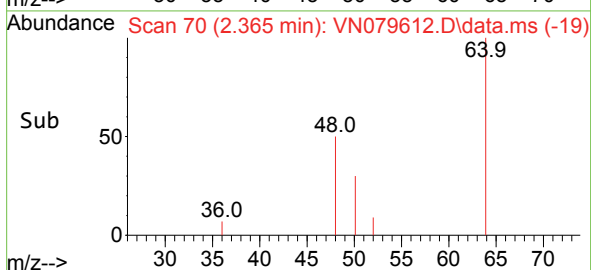
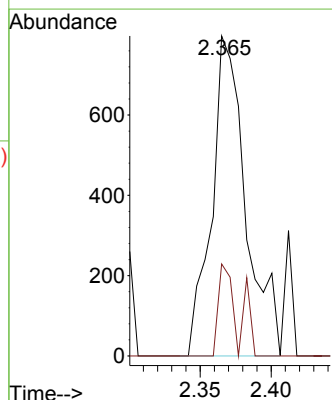
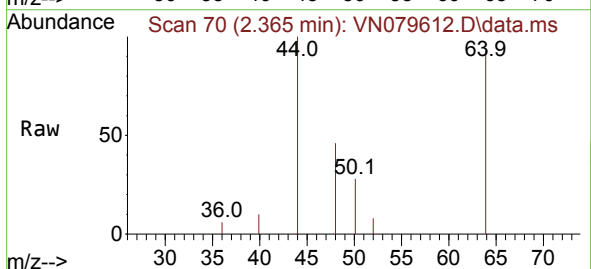
Acq: 19 Oct 2023 12:26

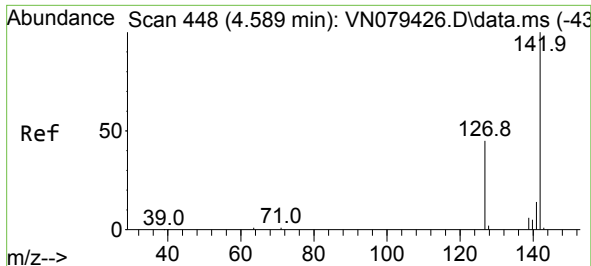
Tgt Ion: 50 Resp: 1329

Ion Ratio Lower Upper

50 100

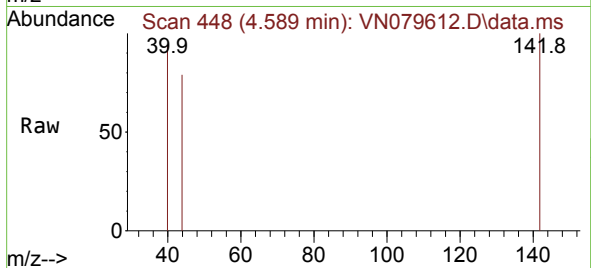
52 28.7 26.5 39.7



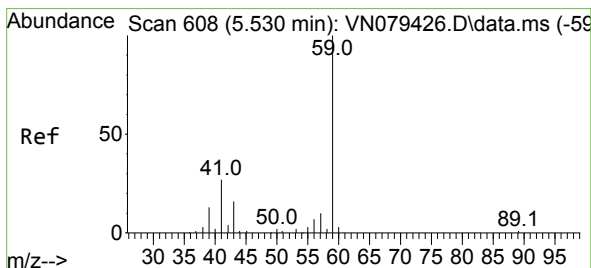
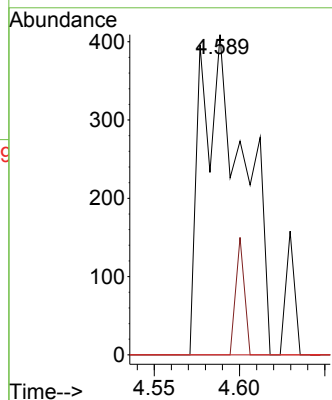
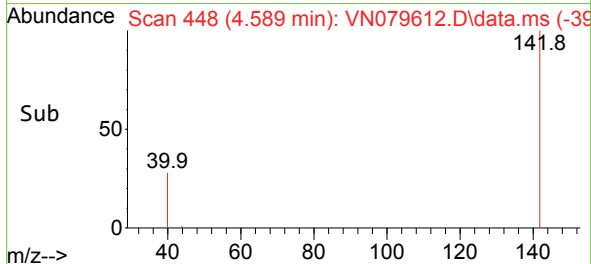


#10
Methyl Iodide
Concen: 0.265 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :

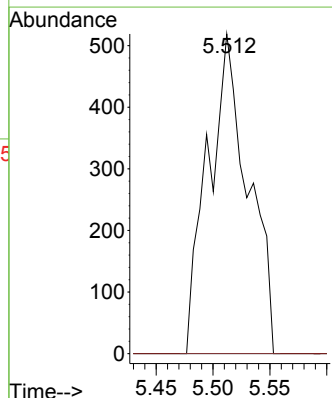
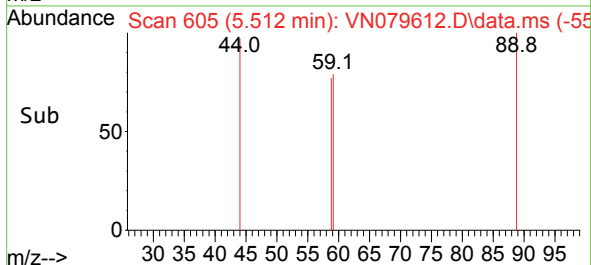
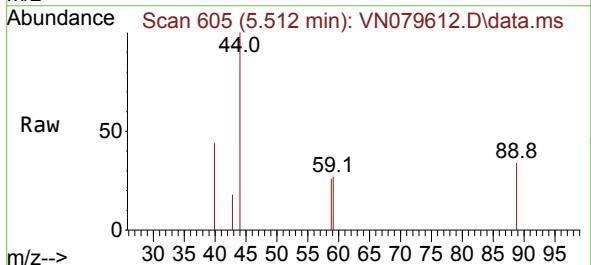


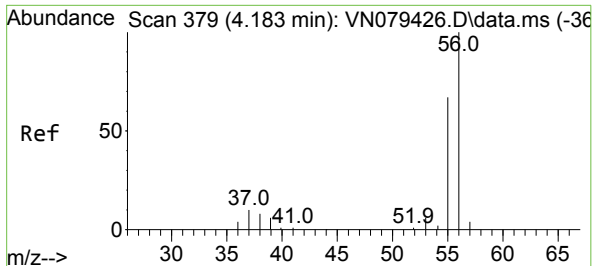
Tgt Ion:142 Resp: 717
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.150 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion: 59 Resp: 1276
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

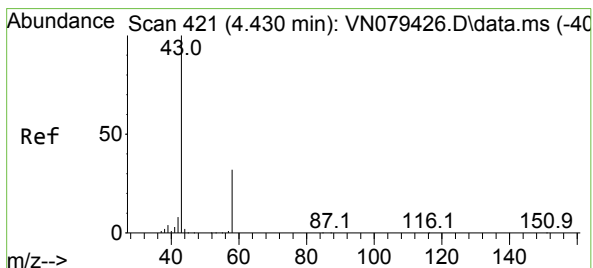
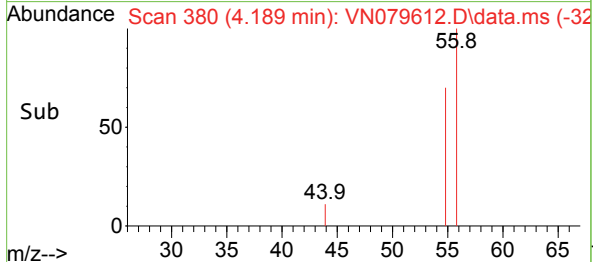
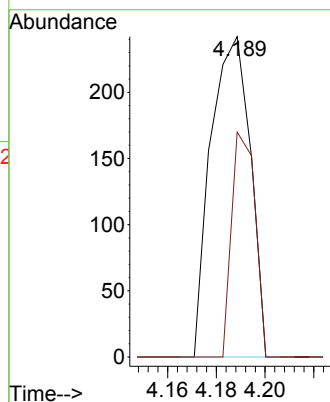
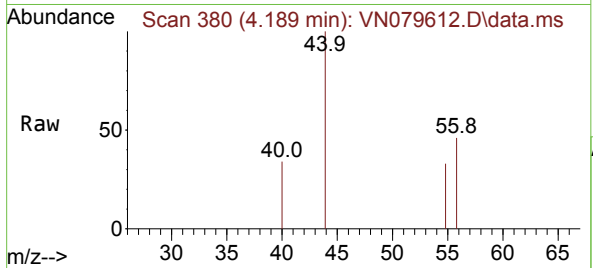




#13
Acrolein
Concen: 0.460 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

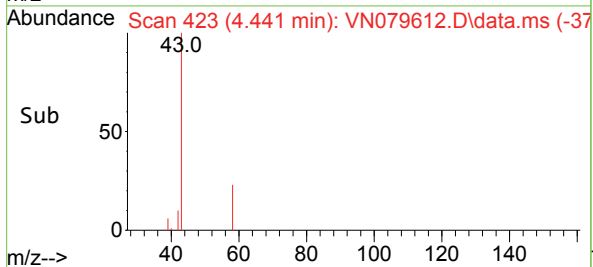
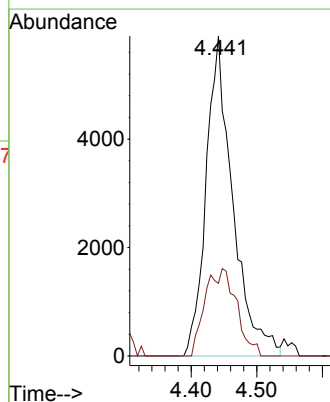
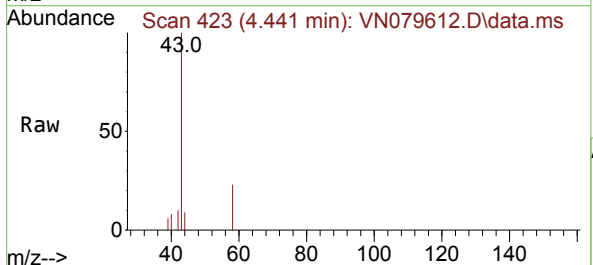
Instrument :
MSVOA_N
ClientSampleId :

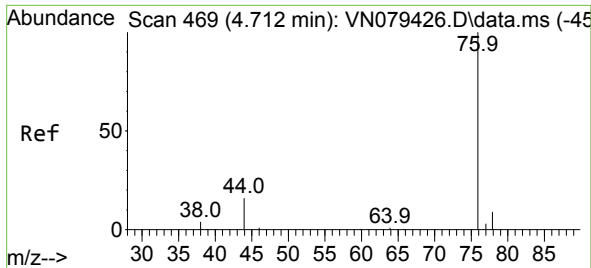
Tgt Ion: 56 Resp: 272
Ion Ratio Lower Upper
56 100
55 41.9 54.5 81.7#



#16
Acetone
Concen: 10.657 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

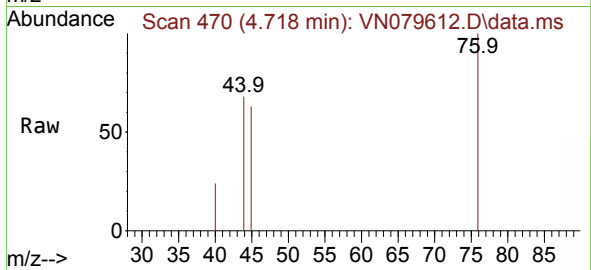
Tgt Ion: 43 Resp: 16664
Ion Ratio Lower Upper
43 100
58 22.7 28.0 42.0#



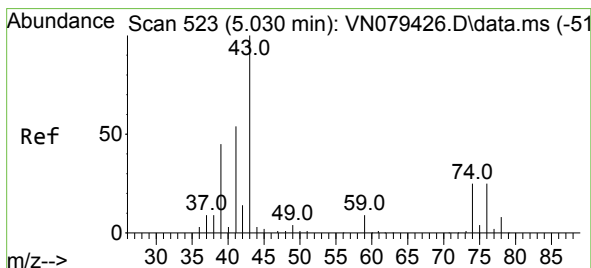
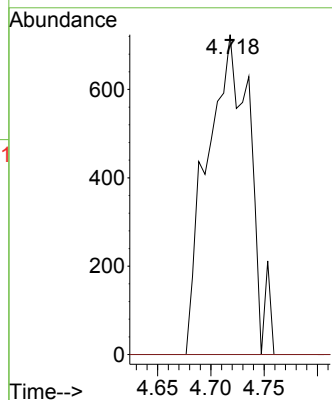
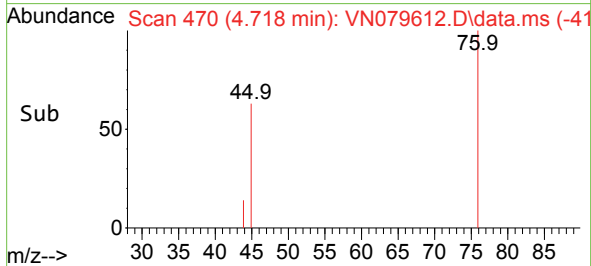


#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

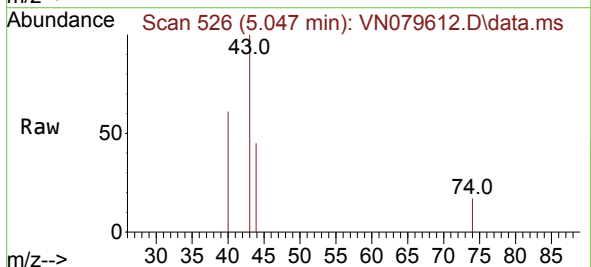
Instrument :
MSVOA_N
ClientSampleId :



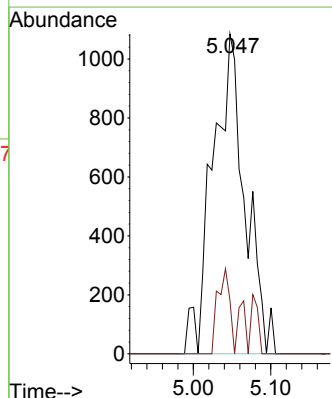
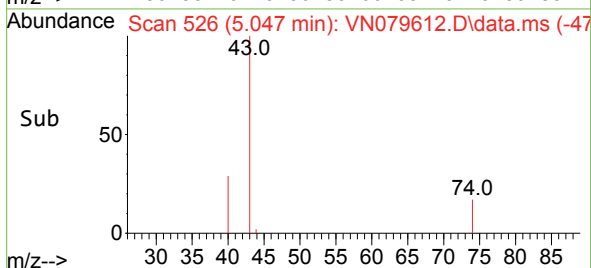
Tgt Ion: 76 Resp: 2015
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

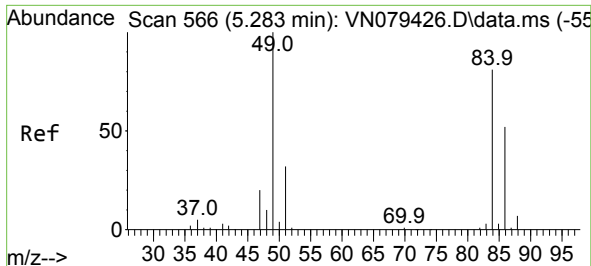


#18
Methyl Acetate
Concen: 0.411 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.018 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26



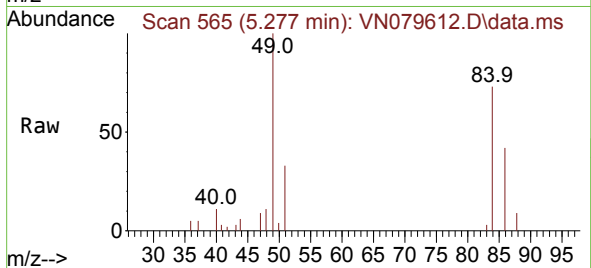
Tgt Ion: 43 Resp: 3147
Ion Ratio Lower Upper
43 100
74 9.9 26.2 39.4#



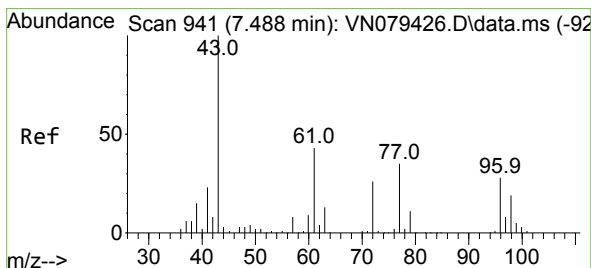
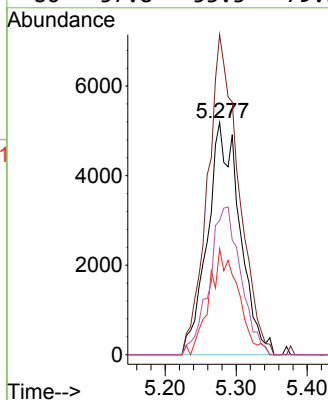
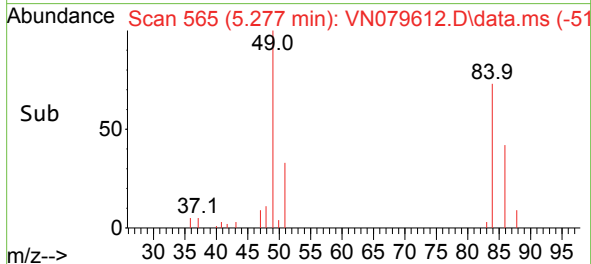


#20
Methylene Chloride
Concen: 4.235 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Instrument :
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ClientSampleId :

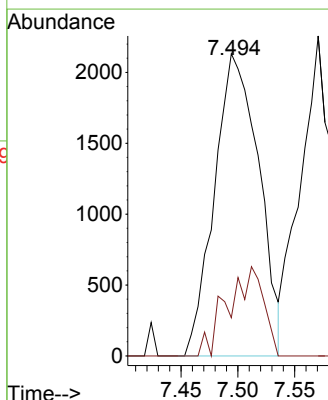
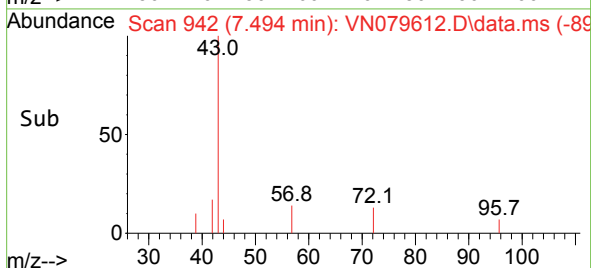
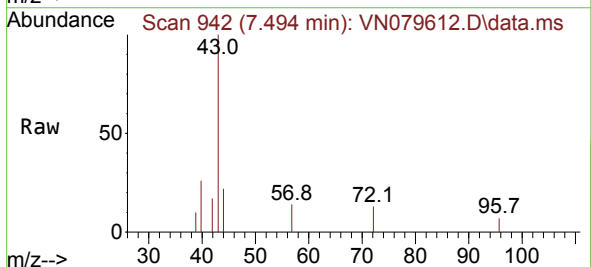


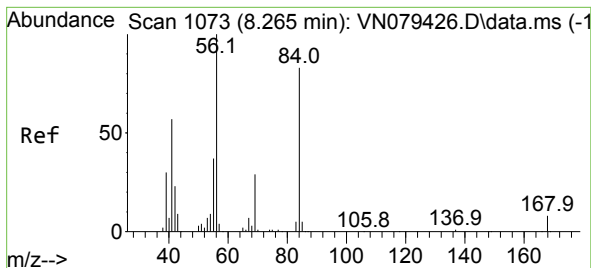
Tgt Ion:	84	Resp:	16387
Ion	Ratio	Lower	Upper
84	100		
49	137.9	79.7	119.5#
51	45.6	25.2	37.8#
86	57.8	53.3	79.9



#25
2-Butanone
Concen: 2.497 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion:	43	Resp:	5794
Ion	Ratio	Lower	Upper
43	100		
72	12.6	30.2	45.2#





#31

Cyclohexane

Concen: 1.203 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.030 min

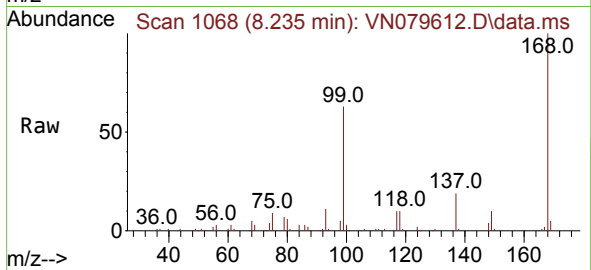
Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :



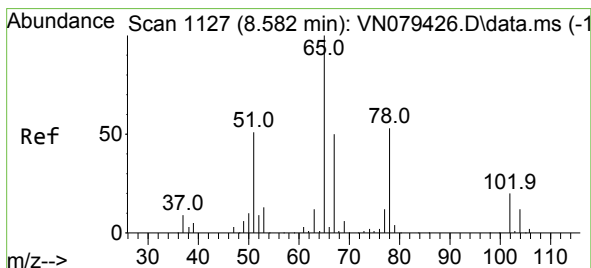
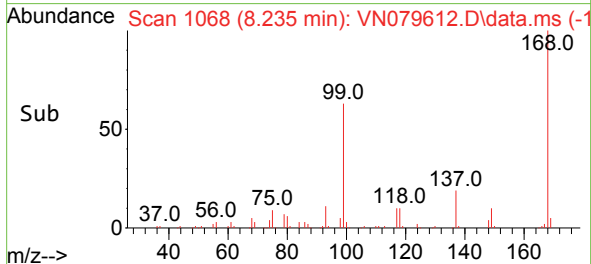
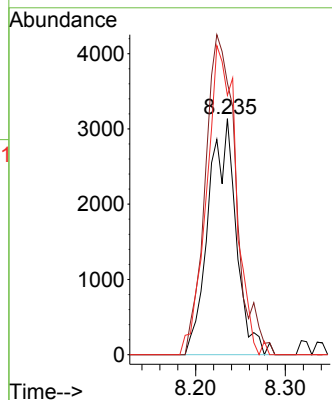
Tgt Ion: 56 Resp: 6728

Ion Ratio Lower Upper

56 100

69 115.2 26.8 40.2#

84 109.9 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 51.881 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079612.D

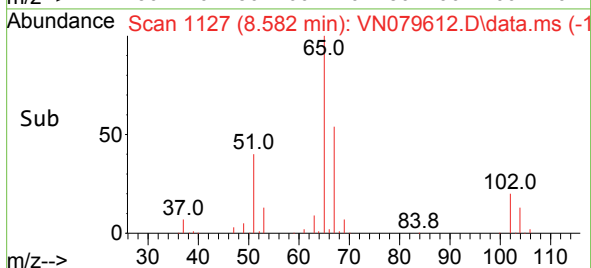
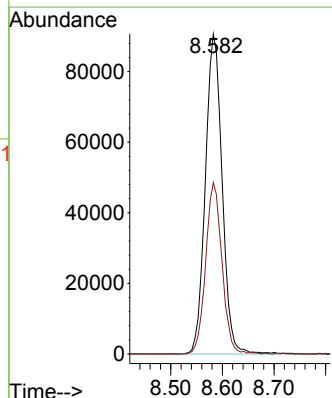
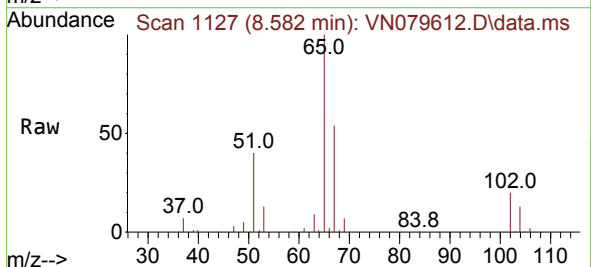
Acq: 19 Oct 2023 12:26

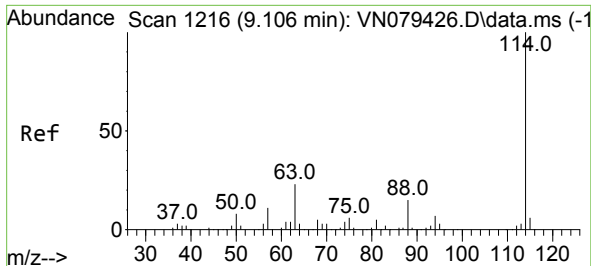
Tgt Ion: 65 Resp: 204534

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

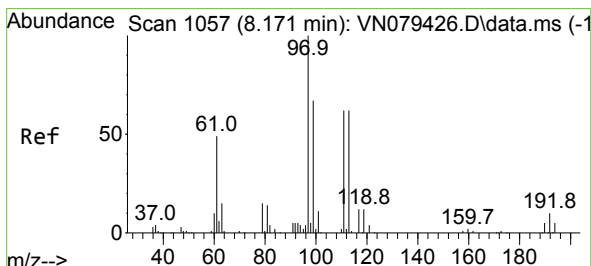
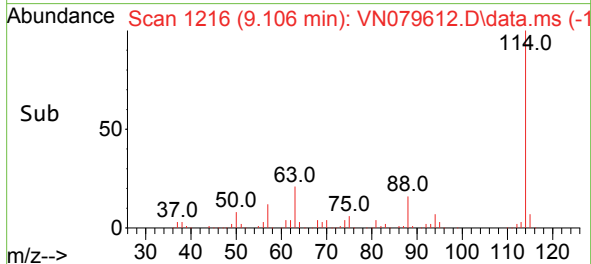
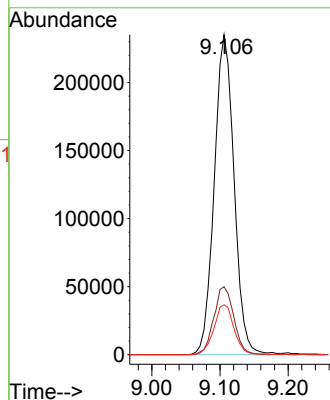
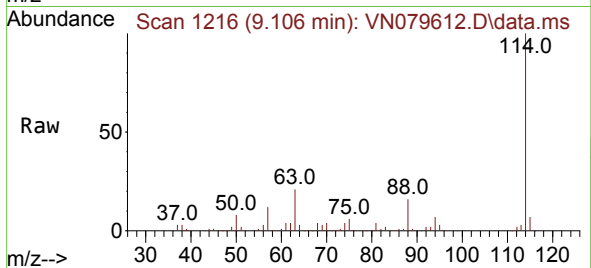
Tgt Ion:114 Resp: 475816

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.145 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

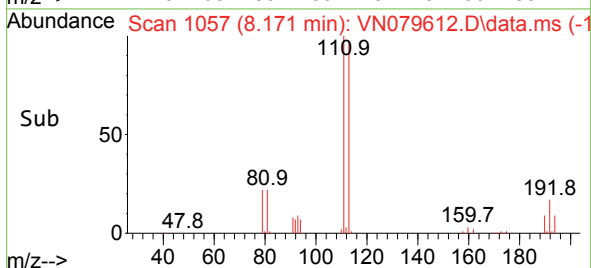
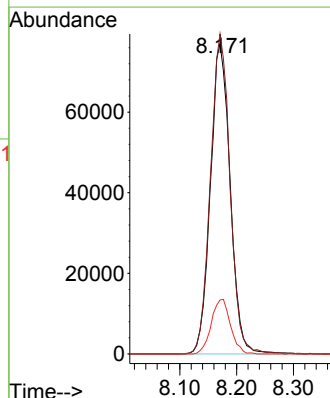
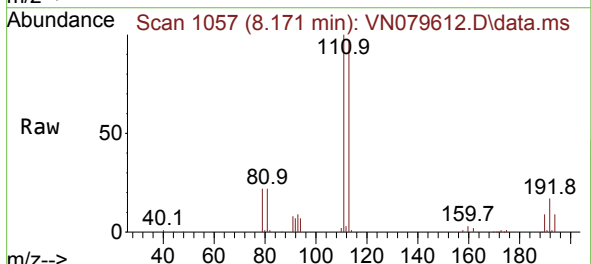
Tgt Ion:113 Resp: 185143

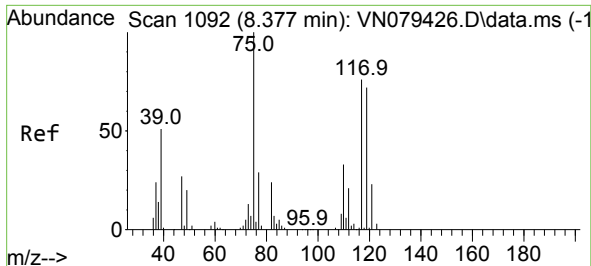
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

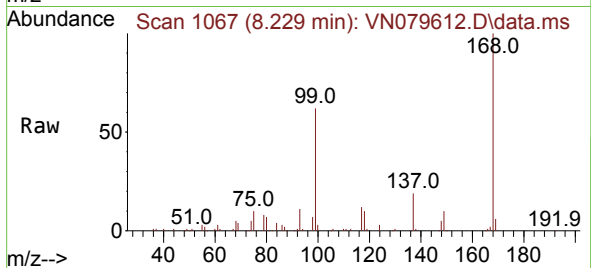
192 17.2 12.7 19.1



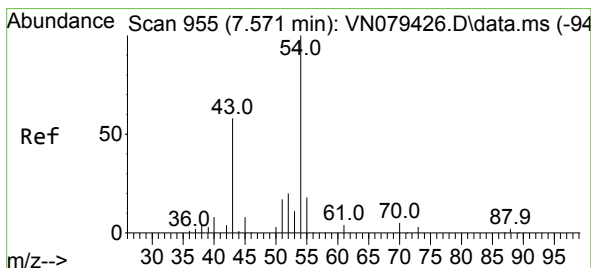
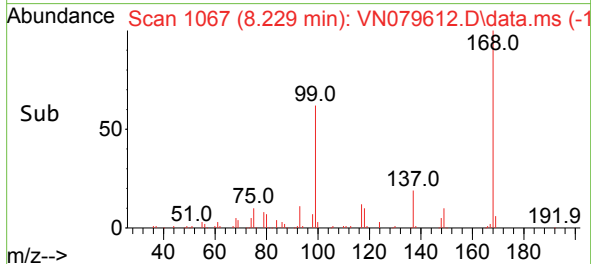
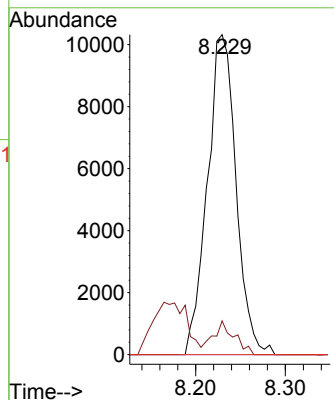


#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Instrument :
MSVOA_N
ClientSampleId :

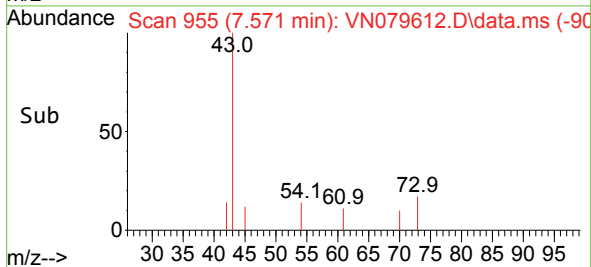
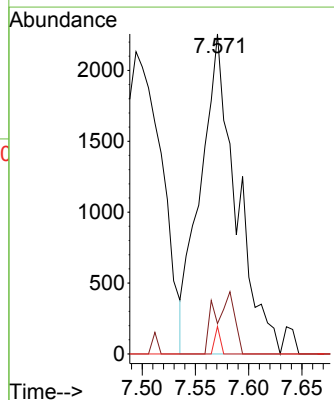
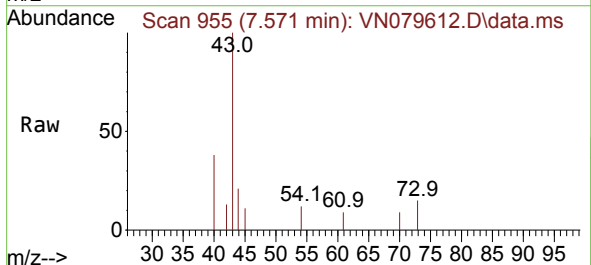


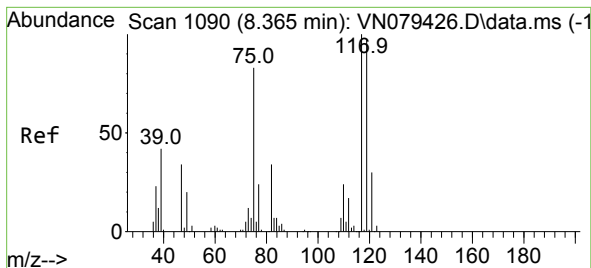
Tgt Ion: 75 Resp: 22961
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.037 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion: 43 Resp: 5294
Ion Ratio Lower Upper
43 100
61 10.4 13.2 19.8#
70 1.3 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 5.210 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.135 min

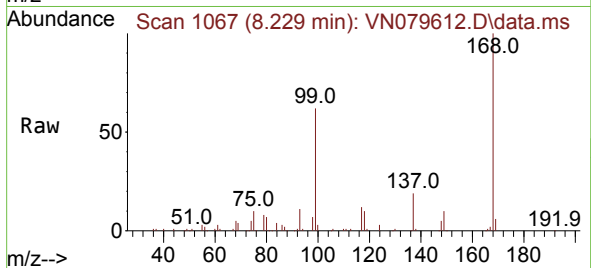
Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :



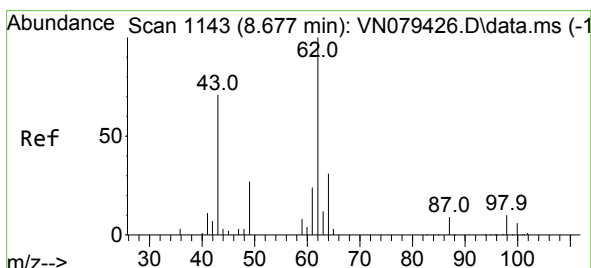
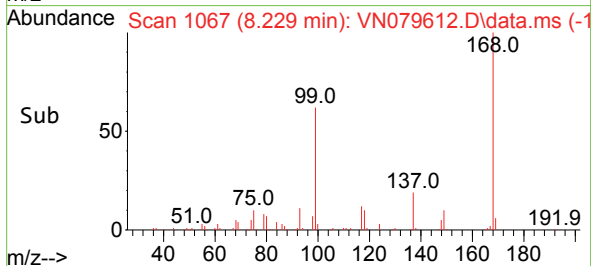
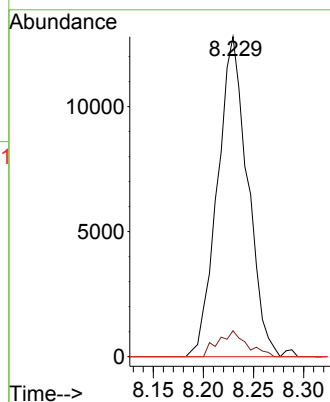
Tgt Ion:117 Resp: 26769

Ion Ratio Lower Upper

117 100

119 8.1 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.235 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN079612.D

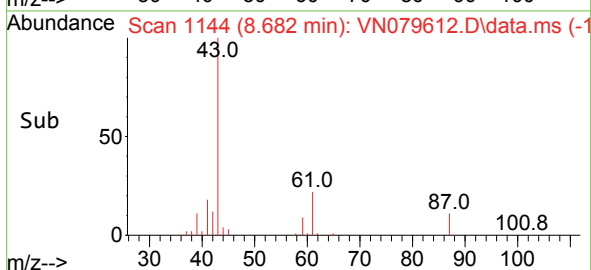
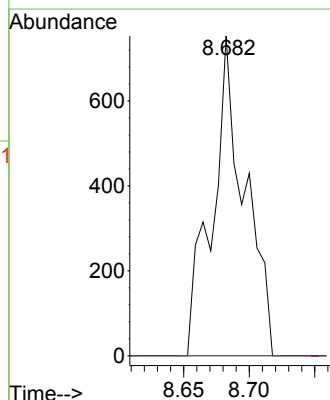
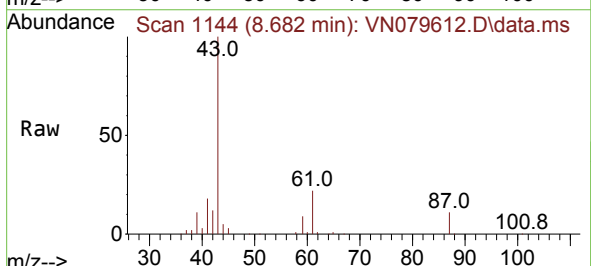
Acq: 19 Oct 2023 12:26

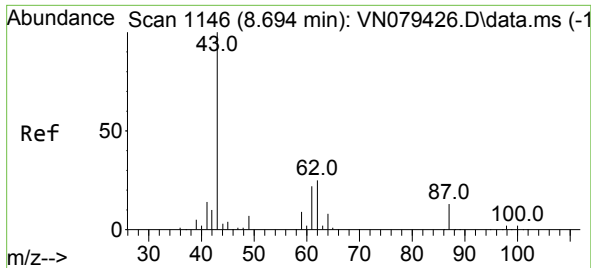
Tgt Ion: 62 Resp: 1302

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8

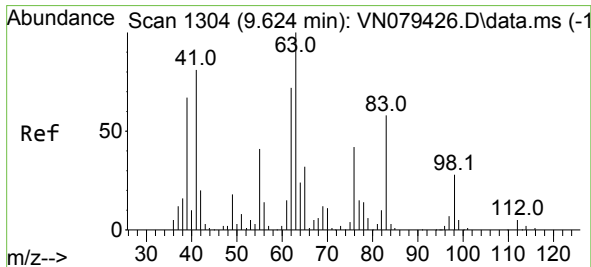
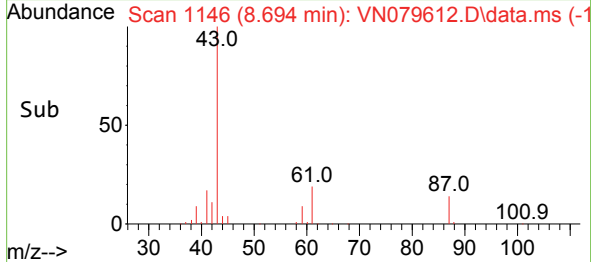
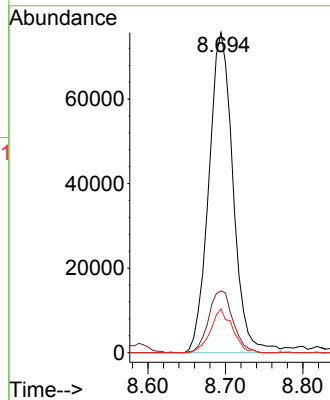
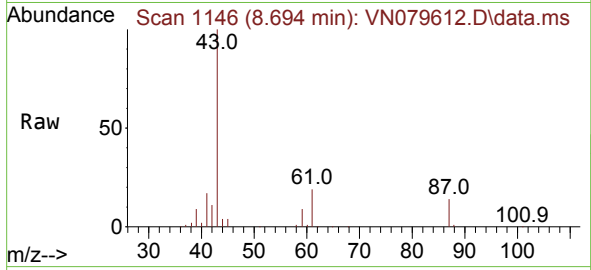




#43
Isopropyl Acetate
Concen: 18.377 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

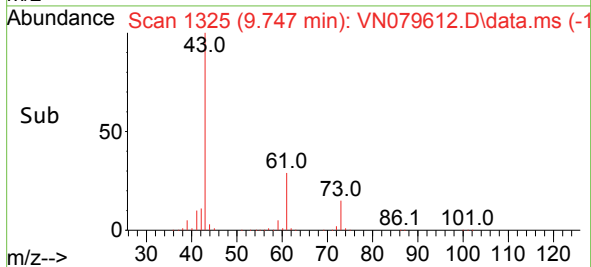
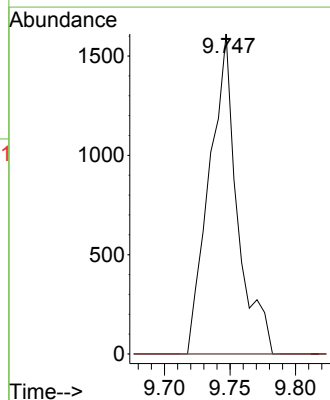
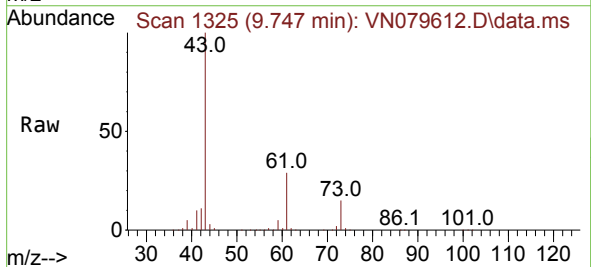
Instrument :
MSVOA_N
ClientSampleId :

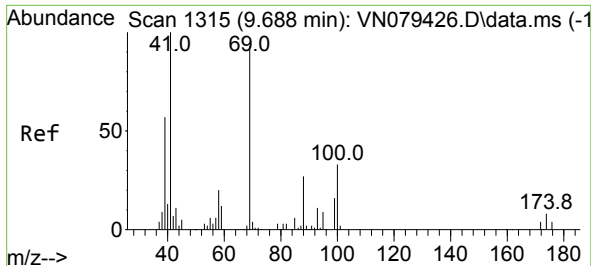
Tgt Ion: 43 Resp: 164410
Ion Ratio Lower Upper
43 100
61 19.5 24.7 37.1#
87 12.4 14.6 21.8#



#45
1,2-Dichloropropane
Concen: 0.598 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.123 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion: 63 Resp: 2401
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#





#48

Methyl methacrylate

Concen: 43.200 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.059 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

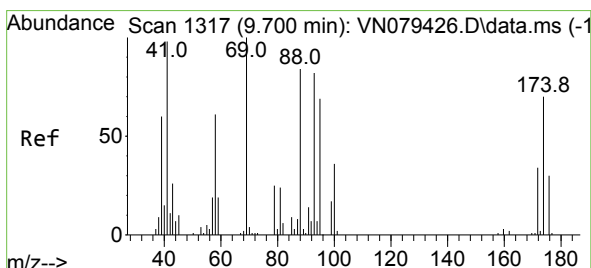
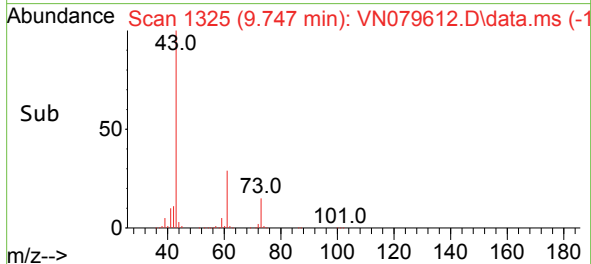
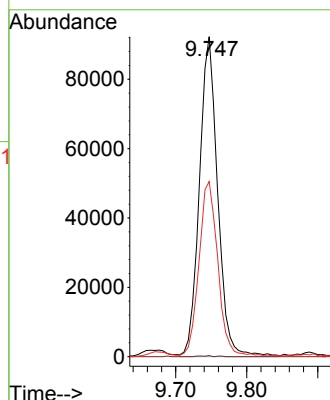
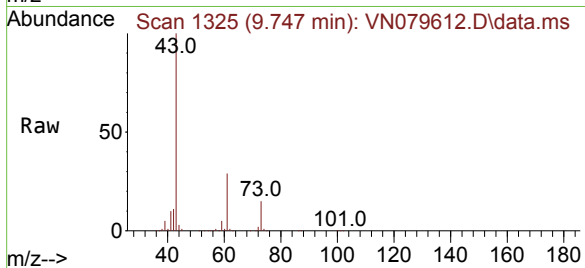
Tgt Ion: 41 Resp: 165618

Ion Ratio Lower Upper

41 100

69 0.2 90.4 135.6#

39 57.1 54.6 81.8



#49

1,4-Dioxane

Concen: 0.807 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

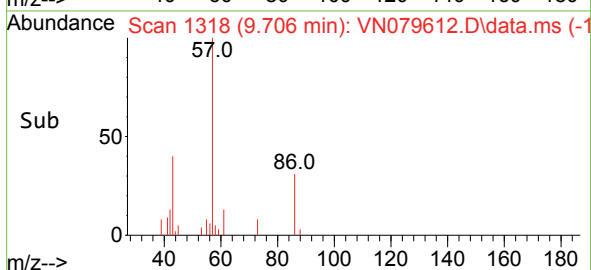
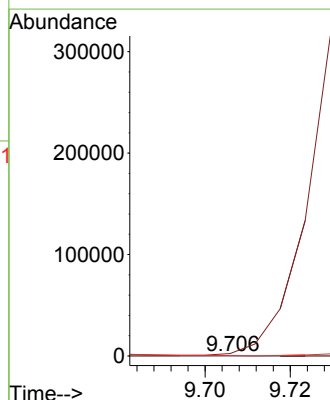
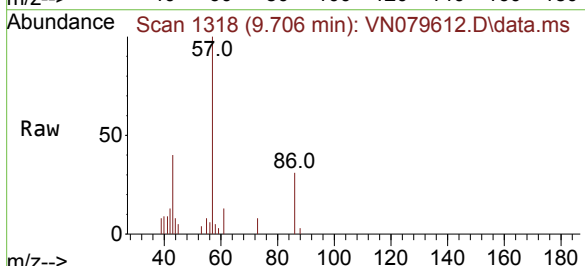
Tgt Ion: 88 Resp: 57

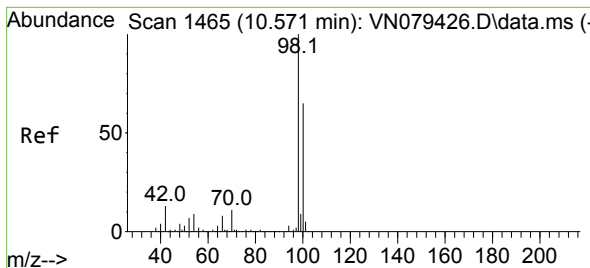
Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#

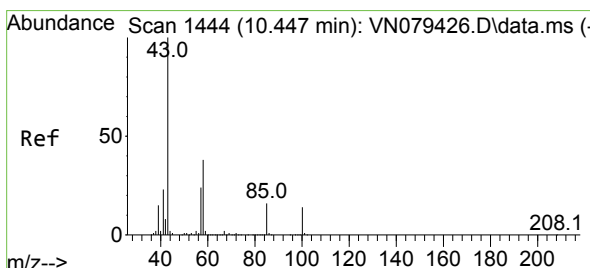
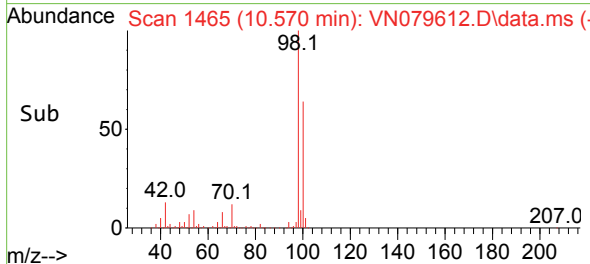
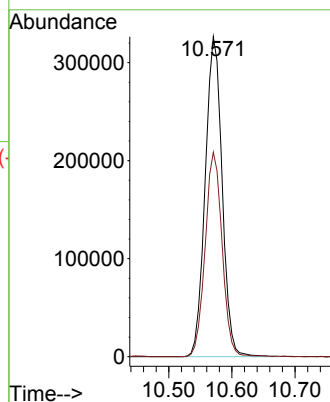
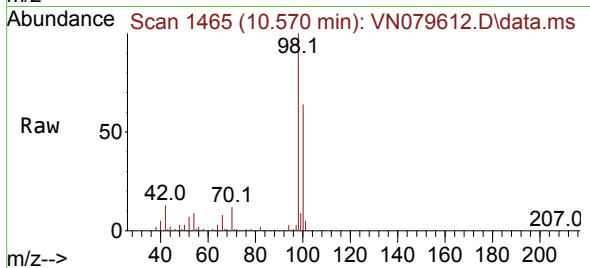




#50
Toluene-d8
Concen: 49.049 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

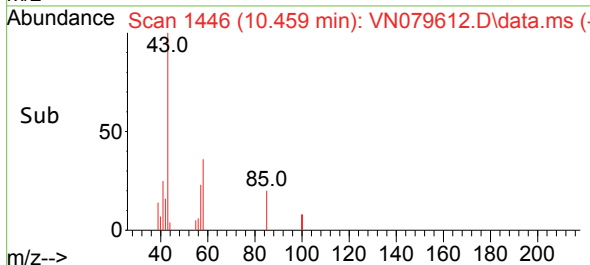
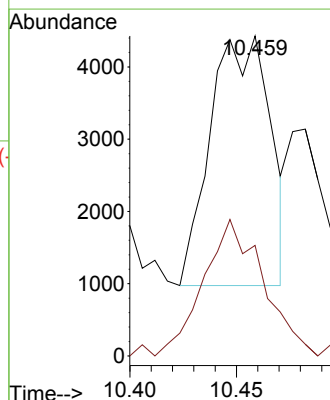
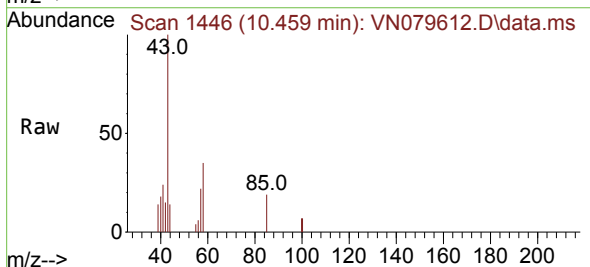
Instrument :
MSVOA_N
ClientSampleId :

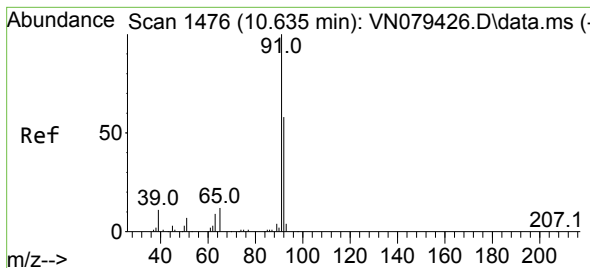
Tgt Ion: 98 Resp: 606855
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.335 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion: 43 Resp: 6742
Ion Ratio Lower Upper
43 100
58 55.4 36.6 54.8#





#52

Toluene

Concen: 0.377 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.000 min

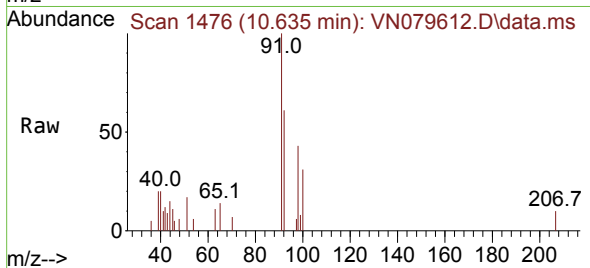
Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

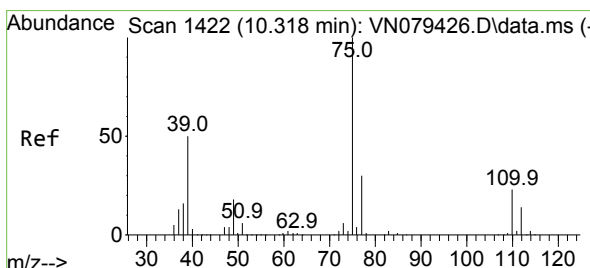
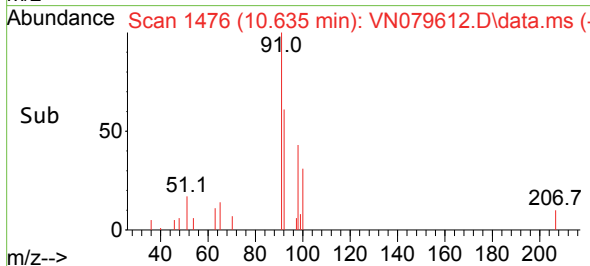
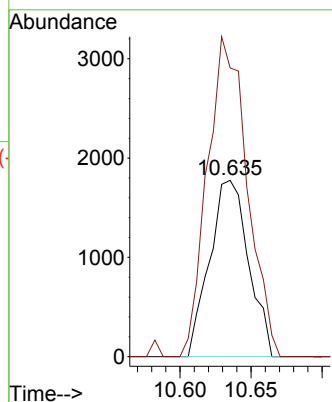


Tgt Ion: 92 Resp: 3385

Ion Ratio Lower Upper

92 100

91 185.7 137.4 206.0



#54

cis-1,3-Dichloropropene

Concen: 10.135 ug/l

RT: 10.359 min Scan# 1429

Delta R.T. 0.041 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

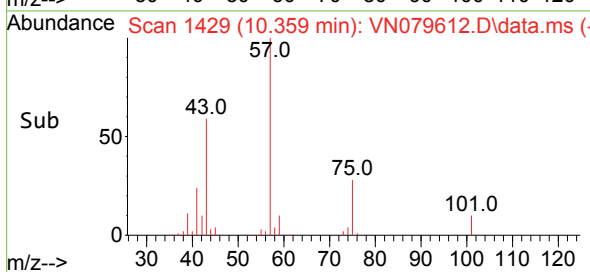
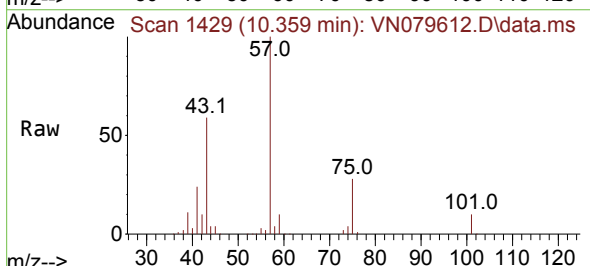
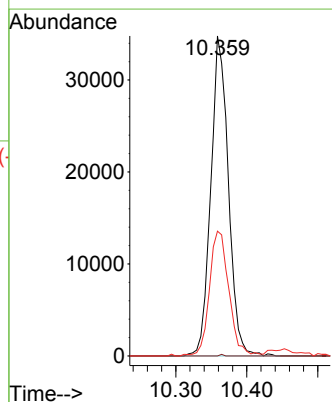
Tgt Ion: 75 Resp: 59814

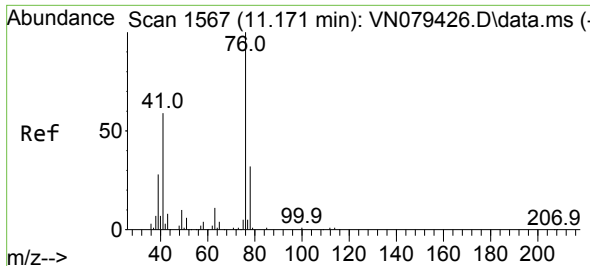
Ion Ratio Lower Upper

75 100

77 0.0 26.1 39.1#

39 39.0 31.6 47.4





#57

1,3-Dichloropropane

Concen: 1.362 ug/l

RT: 11.200 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

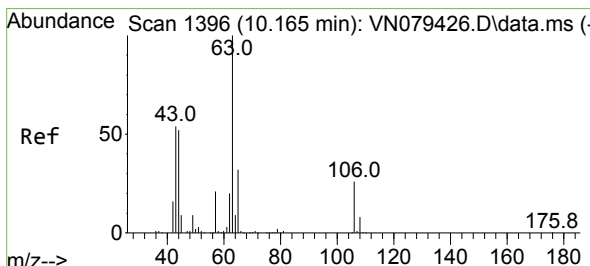
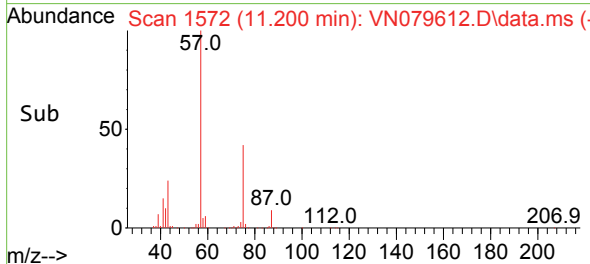
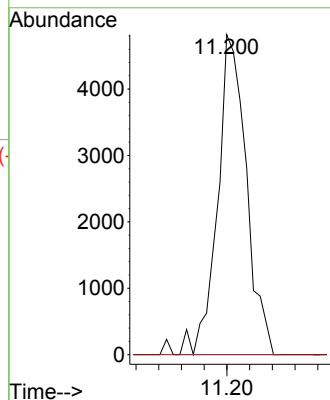
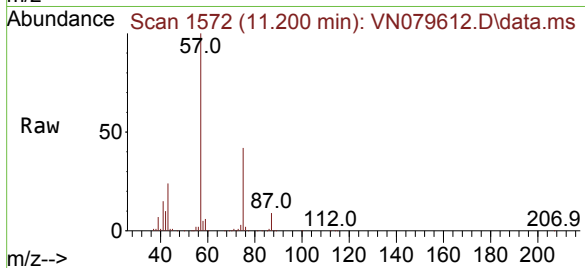
ClientSampleId :

Tgt Ion: 76 Resp: 8472

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.332 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN079612.D

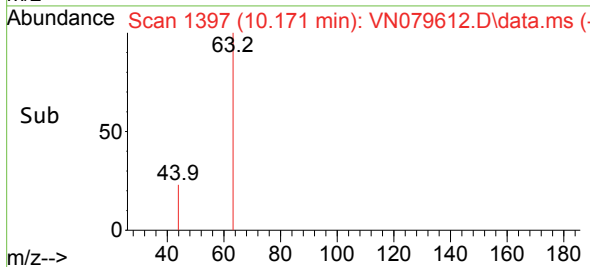
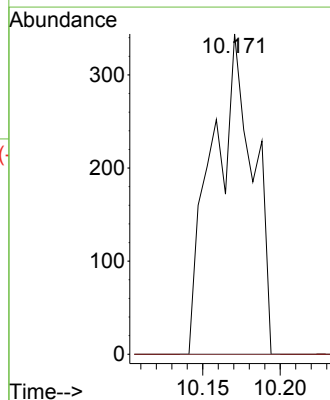
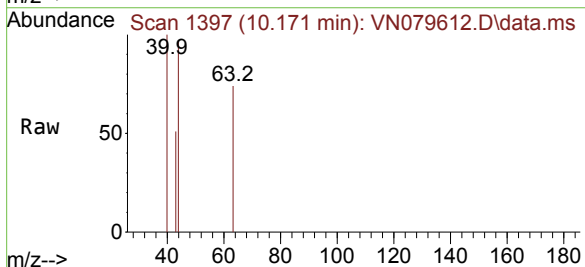
Acq: 19 Oct 2023 12:26

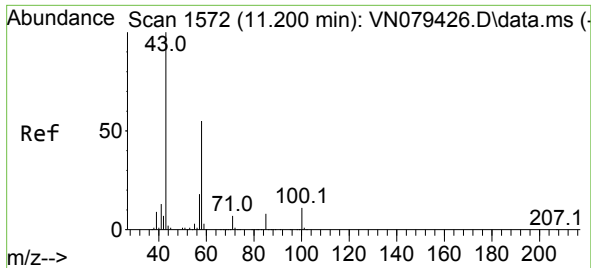
Tgt Ion: 63 Resp: 630

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#

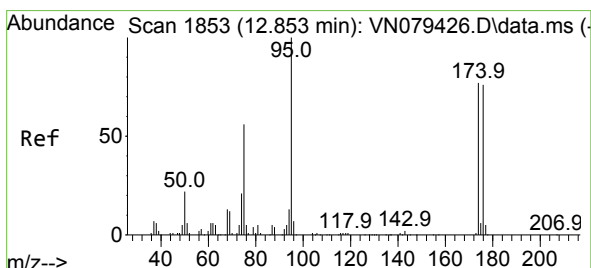
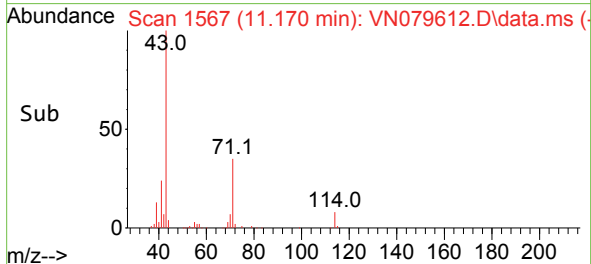
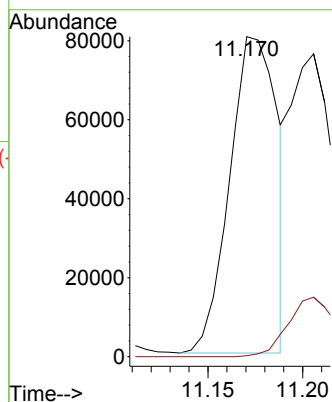
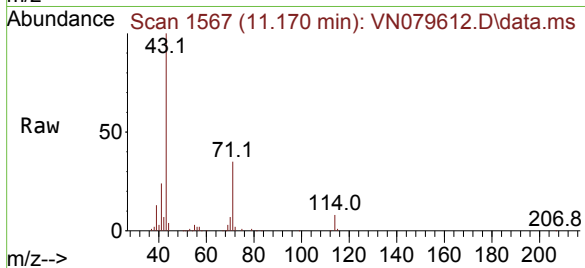




#59
2-Hexanone
Concen: 38.472 ug/l
RT: 11.170 min Scan# 111
Delta R.T. -0.030 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

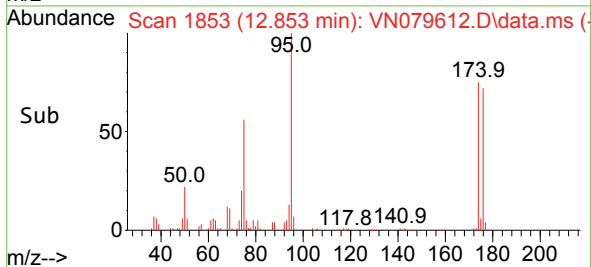
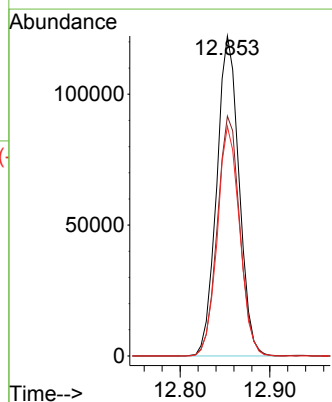
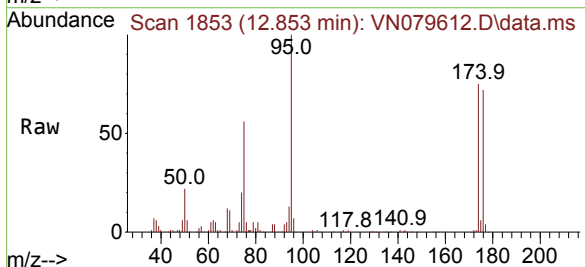
Instrument :
MSVOA_N
ClientSampleId :

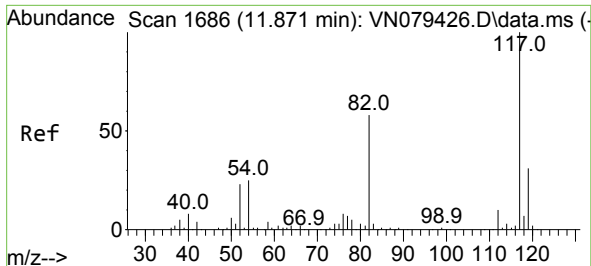
Tgt Ion: 43 Resp: 140205
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 53.109 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

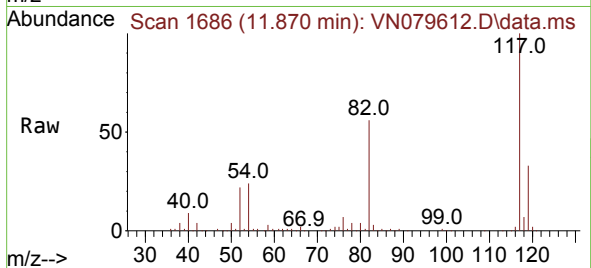
Tgt Ion: 95 Resp: 210872
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 71.6 0.0 135.8



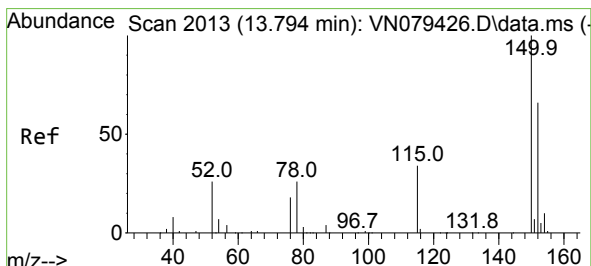
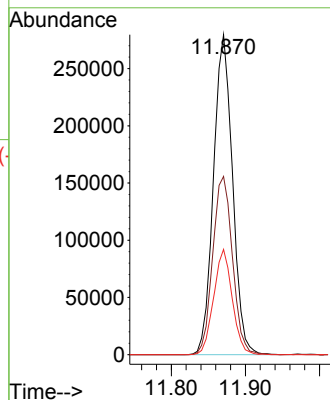
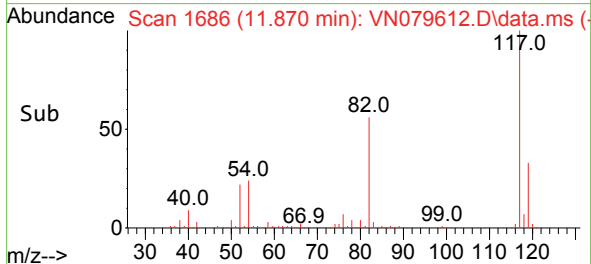


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

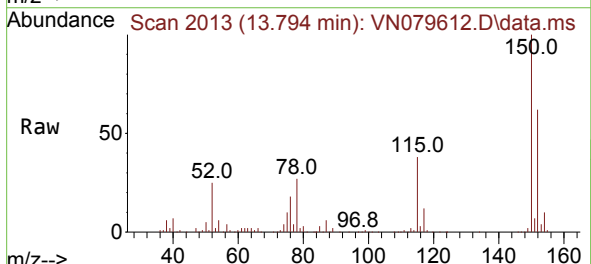
Instrument :
MSVOA_N
ClientSampleId :



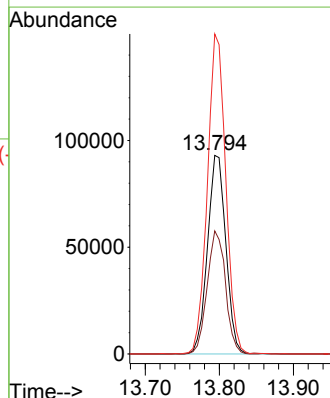
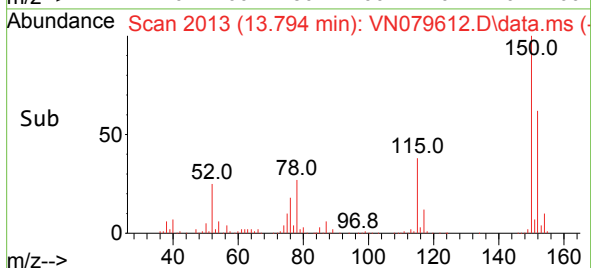
Tgt Ion:117 Resp: 499027
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.9 25.6 38.4

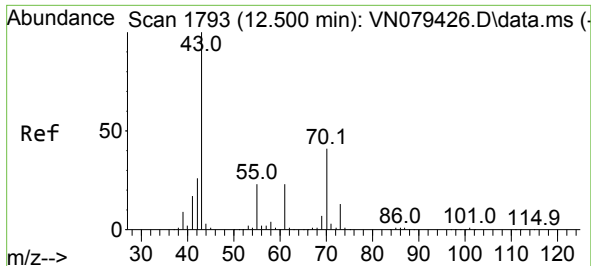


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26



Tgt Ion:152 Resp: 159974
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 160.9 0.0 355.8

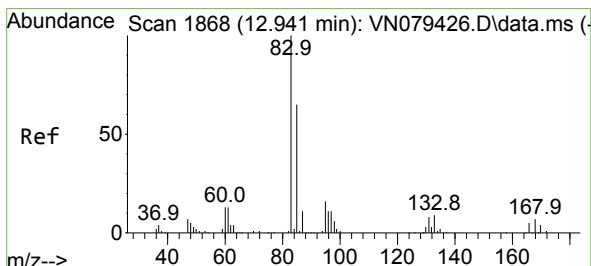
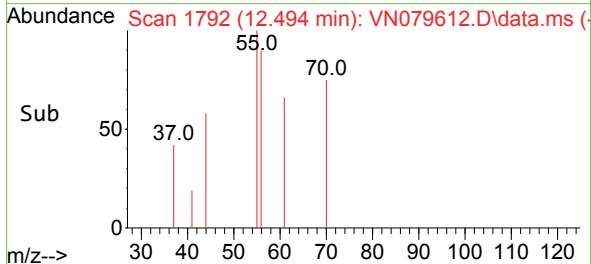
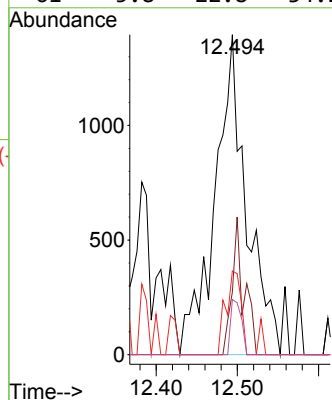
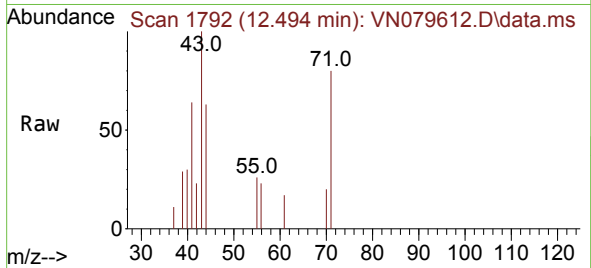




#74
N-amy1 acetate
Concen: 0.617 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

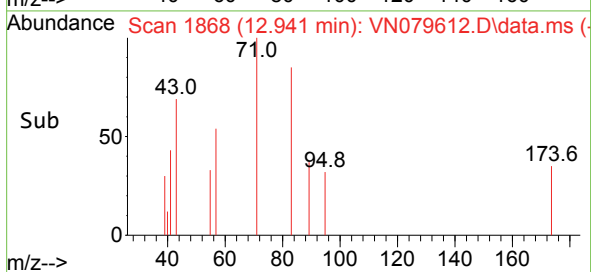
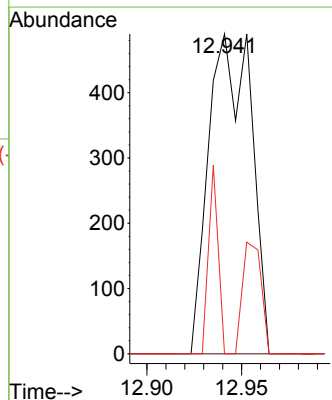
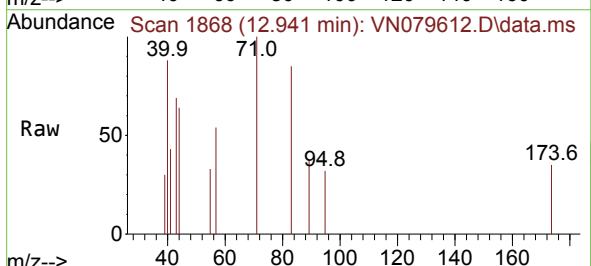
Instrument :
MSVOA_N
ClientSampleId :

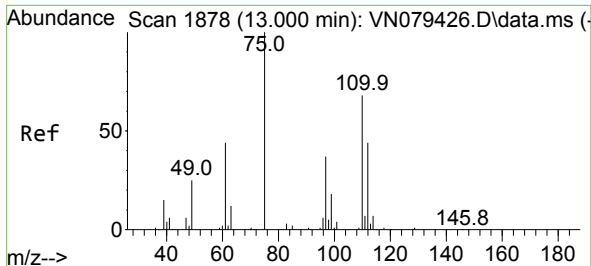
Tgt Ion: 43 Resp: 3763
Ion Ratio Lower Upper
43 100
70 16.2 43.4 65.2#
55 12.6 21.4 32.0#
61 5.8 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

Tgt Ion: 83 Resp: 764
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 13.4 31.9 95.7#

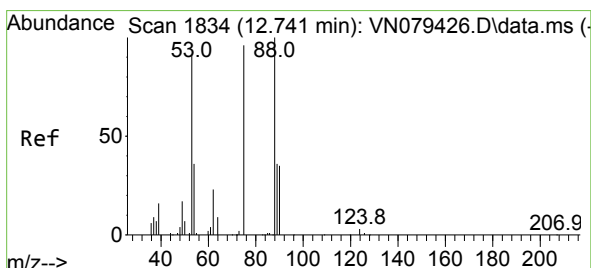
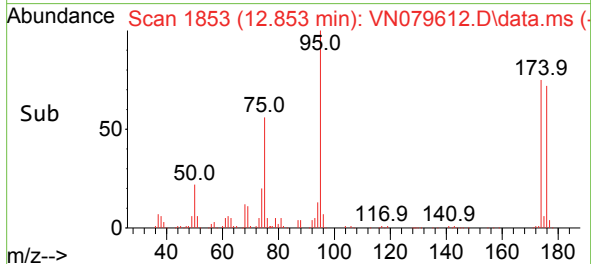
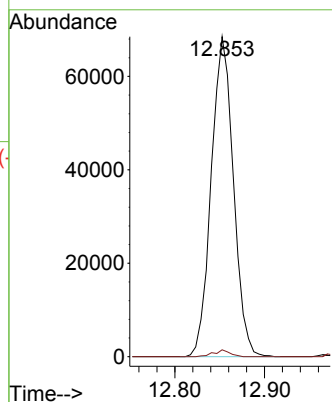
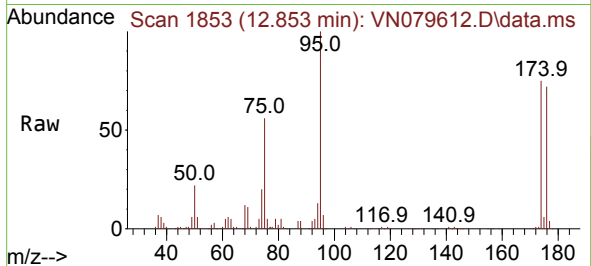




#76
1,2,3-Trichloropropane
Concen: 25.504 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

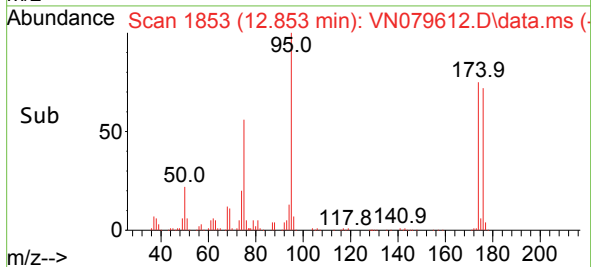
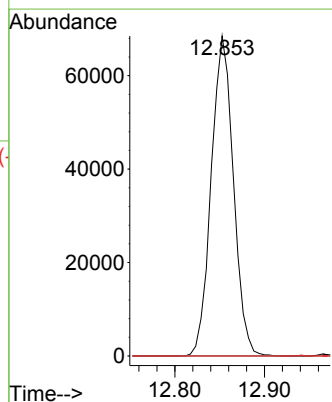
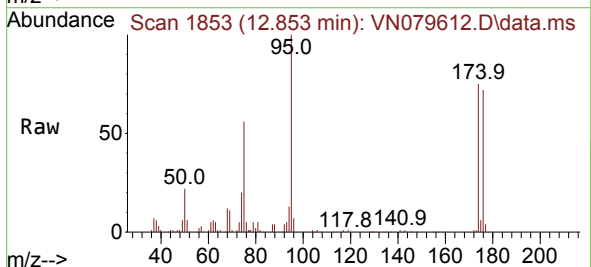
Instrument :
MSVOA_N
ClientSampleId :

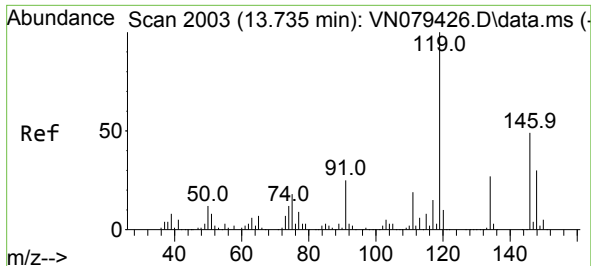
Tgt Ion: 75 Resp: 117635
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.000 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

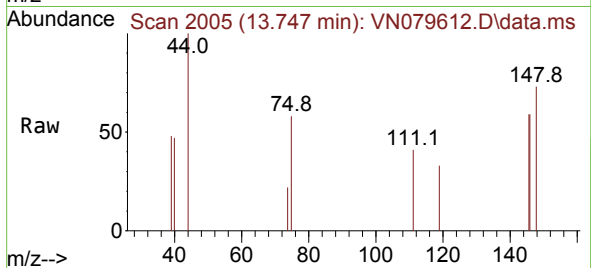
Tgt Ion: 75 Resp: 117635
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



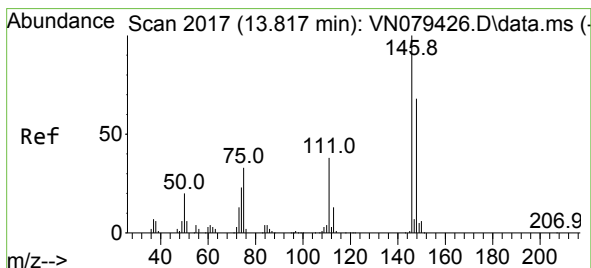
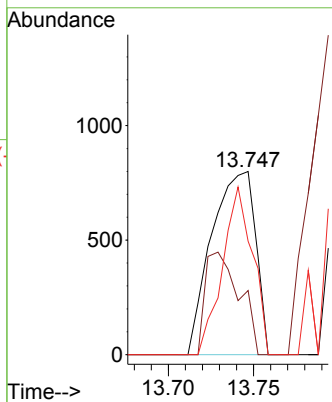
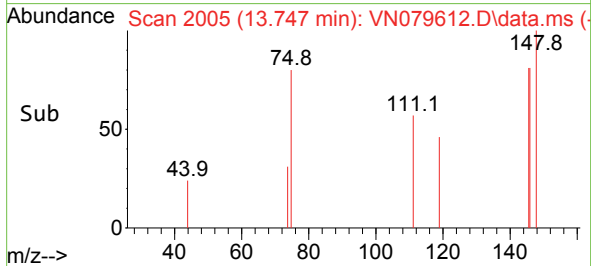


#87
1,3-Dichlorobenzene
Concen: 0.248 ug/l
RT: 13.747 min Scan# 2005
Delta R.T. 0.012 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

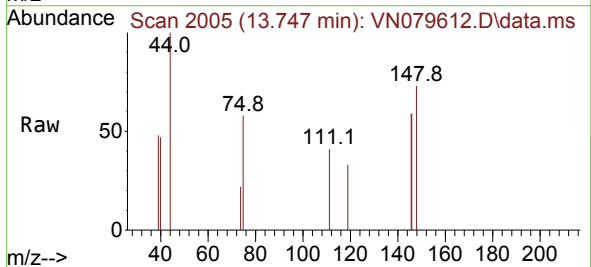
Instrument :
MSVOA_N
ClientSampleId :



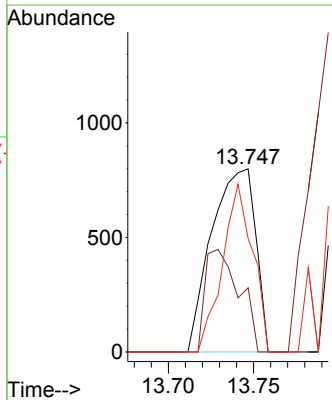
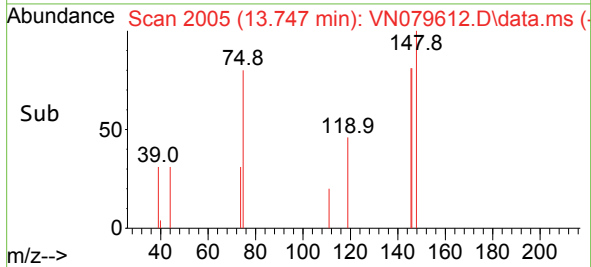
Tgt Ion:146 Resp: 1435
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.3
148 62.7 32.0 96.0

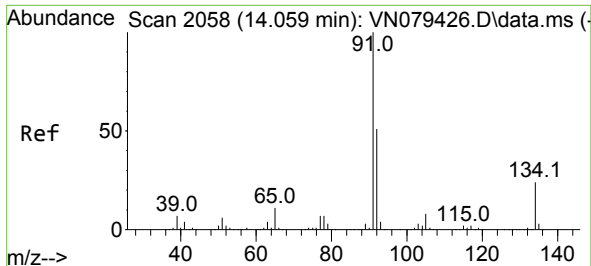


#88
1,4-Dichlorobenzene
Concen: 0.240 ug/l
RT: 13.747 min Scan# 2005
Delta R.T. -0.071 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26



Tgt Ion:146 Resp: 1435
Ion Ratio Lower Upper
146 100
111 43.4 20.6 61.8
148 62.7 31.6 94.8





#89

n-Butylbenzene

Concen: 0.346 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Instrument :

MSVOA_N

ClientSampleId :

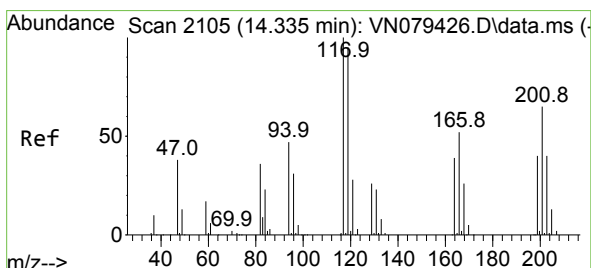
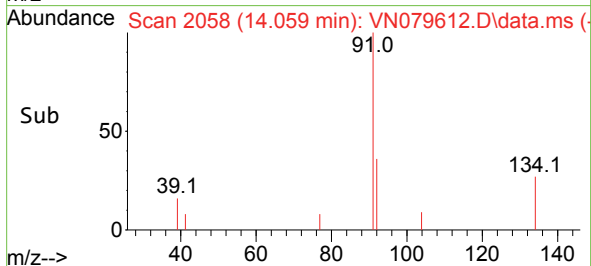
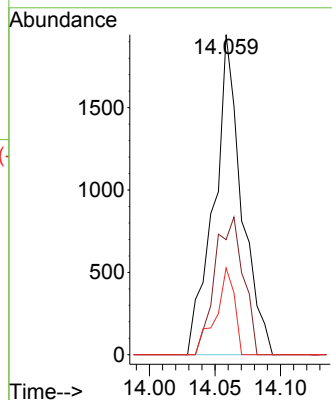
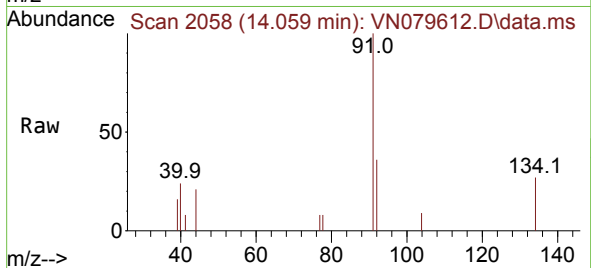
Tgt Ion: 91 Resp: 2841

Ion Ratio Lower Upper

91 100

92 44.5 26.4 79.0

134 18.3 12.6 37.6



#90

Hexachloroethane

Concen: Below Cal

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN079612.D

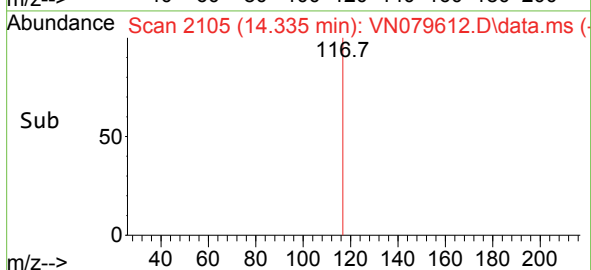
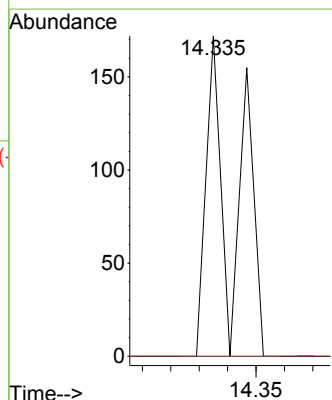
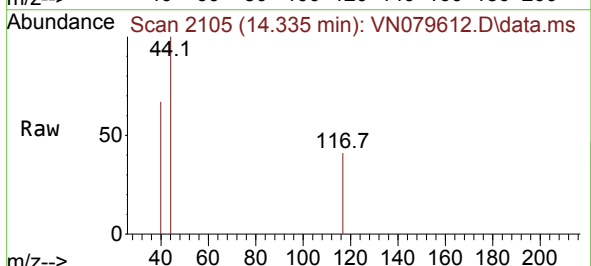
Acq: 19 Oct 2023 12:26

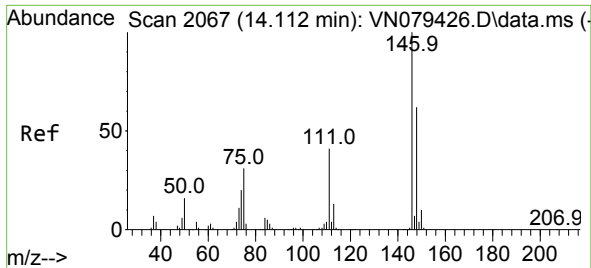
Tgt Ion: 117 Resp: 115

Ion Ratio Lower Upper

117 100

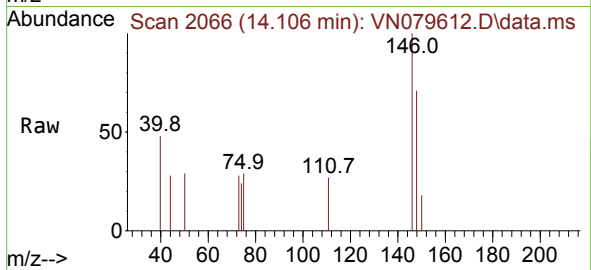
201 0.0 29.3 88.0#



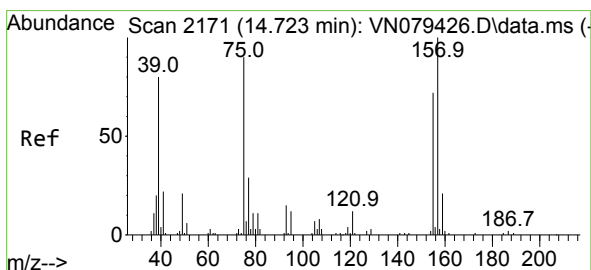
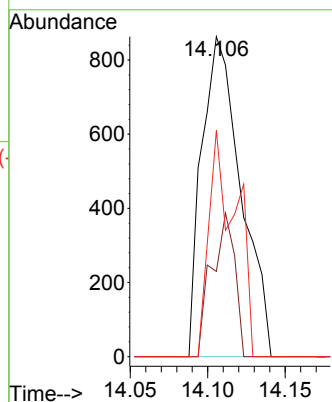
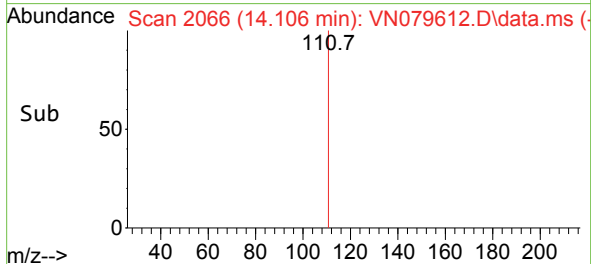


#91
 1,2-Dichlorobenzene
 Concen: 0.269 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.006 min
 Lab File: VN079612.D
 Acq: 19 Oct 2023 12:26

Instrument :
 MSVOA_N
 ClientSampleId :

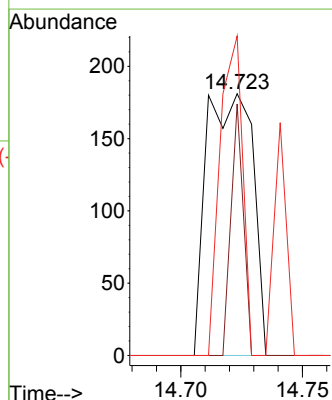
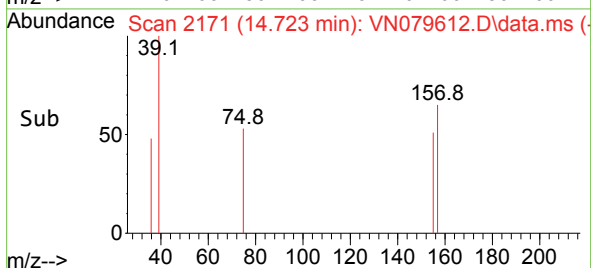
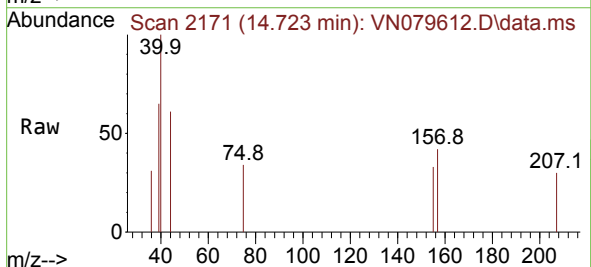


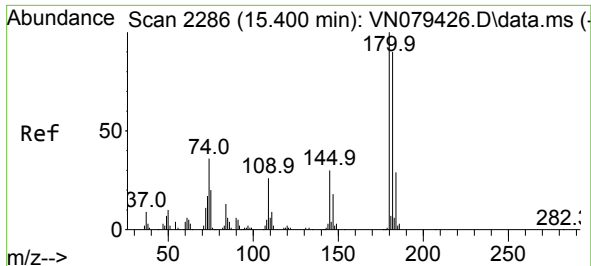
Tgt Ion:	146	Resp:	1518
Ion	Ratio	Lower	Upper
146	100		
111	26.4	22.0	66.0
148	48.9	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.278 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VN079612.D
 Acq: 19 Oct 2023 12:26

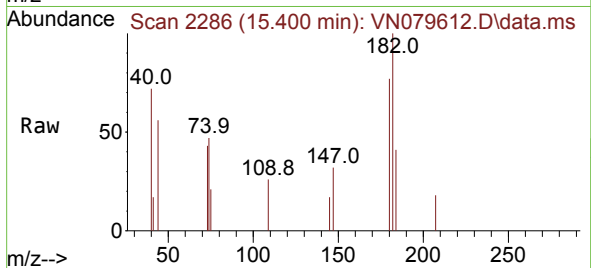
Tgt Ion:	75	Resp:	239
Ion	Ratio	Lower	Upper
75	100		
155	25.5	39.1	117.2#
157	59.4	50.3	150.9



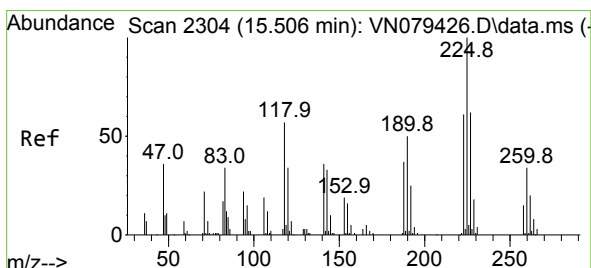
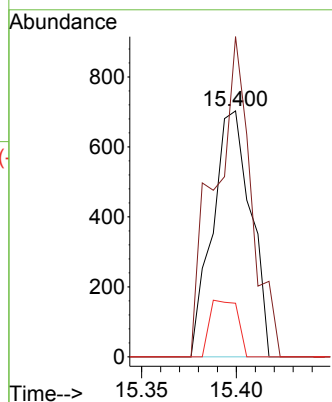
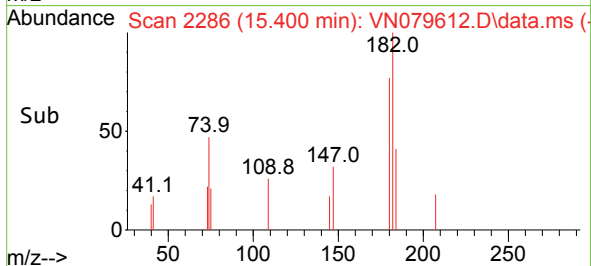


#93
1,2,4-Trichlorobenzene
Concen: 0.563 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26

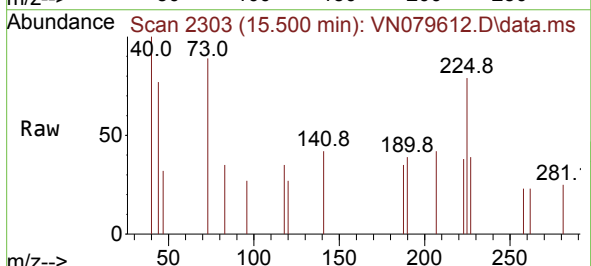
Instrument :
MSVOA_N
ClientSampleId :



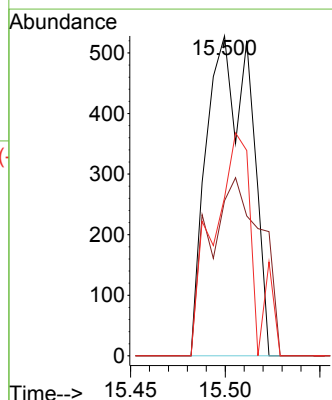
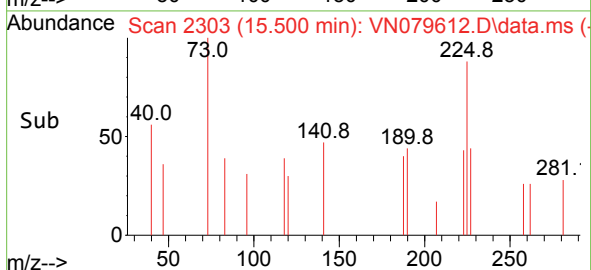
Tgt Ion:180 Resp: 984
Ion Ratio Lower Upper
180 100
182 124.0 46.1 138.2
145 16.9 16.6 49.8

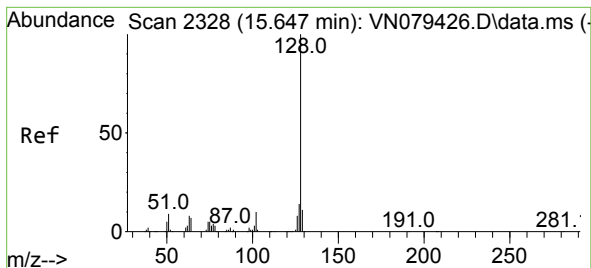


#94
Hexachlorobutadiene
Concen: 0.627 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079612.D
Acq: 19 Oct 2023 12:26



Tgt Ion:225 Resp: 854
Ion Ratio Lower Upper
225 100
223 65.7 31.3 93.8
227 63.1 31.9 95.9





#95

Naphthalene

Concen: 0.909 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

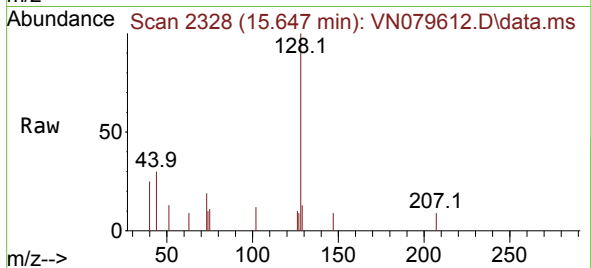
Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

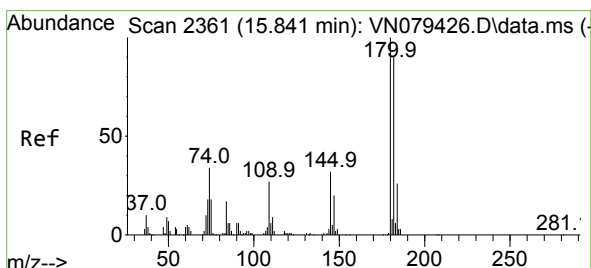
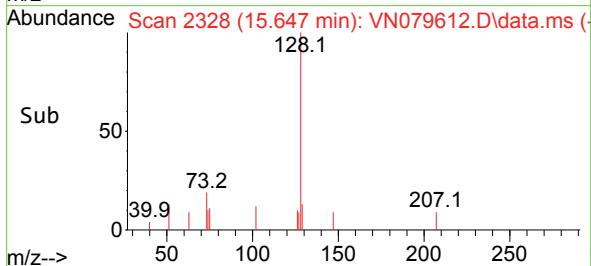
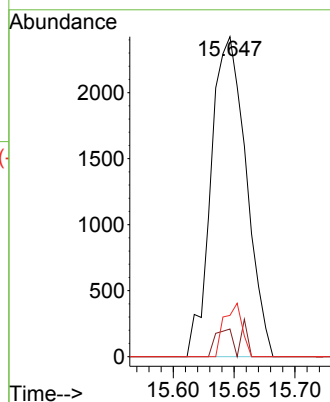
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	4853
Ion Ratio	Lower	Upper	
128	100		
127	4.2	10.0	15.0#
129	8.5	8.7	13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.887 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079612.D

Acq: 19 Oct 2023 12:26

Tgt Ion:	180	Resp:	1851
Ion Ratio	Lower	Upper	
180	100		
182	89.2	46.2	138.6
145	8.2	17.5	52.6#

