

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077997.D
 Acq On : 31 May 2023 16:55
 Operator : JC\MD
 Sample : 02973-11DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INTERCEPTOR-SUMP-20230526DL

Quant Time: Jun 01 01:55:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	379556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	696071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	582643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	164162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257475	45.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.680%
35) Dibromofluoromethane	8.177	113	222135	48.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.576	98	846038	48.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.859	95	258135	41.835	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	1170	0.271	ug/l	84
3) Chloromethane	2.371	50	1635	Below Cal		98
10) Methyl Iodide	4.612	142	2717	0.542	ug/l #	72
11) Tert butyl alcohol	5.506	59	788	1.005	ug/l #	72
12) 1,1-Dichloroethene	4.365	96	2616	0.655	ug/l #	72
13) Acrolein	4.206	56	1026	Below Cal	#	55
15) Acrylonitrile	5.736	53	2411	1.151	ug/l #	28
16) Acetone	4.459	43	1574	0.881	ug/l #	83
17) Carbon Disulfide	4.718	76	8417	0.783	ug/l #	91
18) Methyl Acetate	5.047	43	3663	0.489	ug/l #	69
20) Methylene Chloride	5.289	84	1399	Below Cal		97
21) trans-1,2-Dichloroethene	5.800	96	4650	1.037	ug/l #	72
23) Vinyl Acetate	6.624	43	1987	0.233	ug/l #	62
25) 2-Butanone	7.488	43	647	0.231	ug/l #	32
27) cis-1,2-Dichloroethene	7.494	96	57967	10.781	ug/l	97
29) Tetrahydrofuran	7.865	42	1224	0.669	ug/l #	29
31) Cyclohexane	8.230	56	9810	1.271	ug/l #	39
38) Carbon Tetrachloride	8.235	117	41685	6.218	ug/l #	14
44) Trichloroethene	9.359	130	329850	66.492	ug/l	100
46) Dibromomethane	9.718	93	816	0.228	ug/l #	87
49) 1,4-Dioxane	9.706	88	239	2.761	ug/l #	38
51) 4-Methyl-2-Pentanone	10.459	43	2533	0.441	ug/l	96
59) 2-Hexanone	11.206	43	3765	0.886	ug/l	93
64) Tetrachloroethene	11.112	164	1895	0.465	ug/l #	48
65) Chlorobenzene	11.894	112	3471	0.275	ug/l	95
68) m/p-Xylenes	12.082	106	3588	0.418	ug/l #	69
70) Styrene	12.423	104	3776	0.282	ug/l	89
73) Isopropylbenzene	12.706	105	3637	0.257	ug/l	97
74) N-amyl acetate	12.500	43	2202	0.421	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.947	83	1129	0.259	ug/l #	95
76) 1,2,3-Trichloropropane	12.853	75	136021	33.085	ug/l #	1
77) Bromobenzene	12.982	156	1834	0.568	ug/l	95
78) n-propylbenzene	13.035	91	6384	0.383	ug/l	83
79) 2-Chlorotoluene	13.135	91	4397	0.442	ug/l	94
80) 1,3,5-Trimethylbenzene	13.188	105	3718	0.313	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	136021	105.758	ug/l #	15

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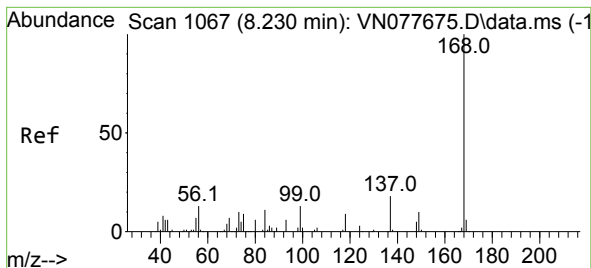
Instrument :
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 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

82) 4-Chlorotoluene	13.223	91	7152	0.722	ug/l	96
83) tert-Butylbenzene	13.447	119	3167	0.305	ug/l	86
84) 1,2,4-Trimethylbenzene	13.488	105	4434	0.379	ug/l	96
85) sec-Butylbenzene	13.629	105	5737	0.389	ug/l	95
86) p-Isopropyltoluene	13.741	119	5355	0.455	ug/l	94
87) 1,3-Dichlorobenzene	13.747	146	4754	0.796	ug/l	94
88) 1,4-Dichlorobenzene	13.747	146	4754	0.802	ug/l	97
89) n-Butylbenzene	14.065	91	8046	0.744	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	4413	0.791	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.723	75	771	0.915	ug/l	76
93) 1,2,4-Trichlorobenzene	15.400	180	5004	1.535	ug/l	93
94) Hexachlorobutadiene	15.511	225	2931	2.165	ug/l	84
95) Naphthalene	15.653	128	18761	1.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	6409	2.008	ug/l #	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

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ClientSampleId :

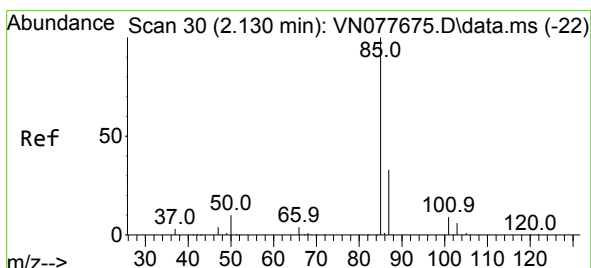
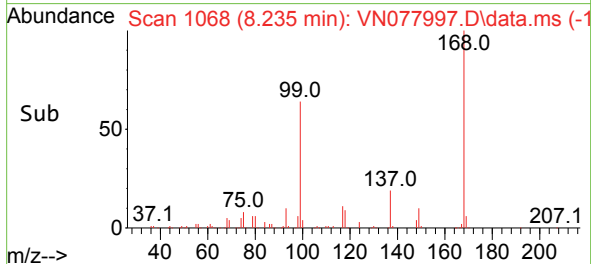
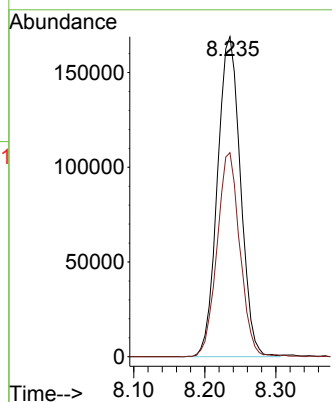
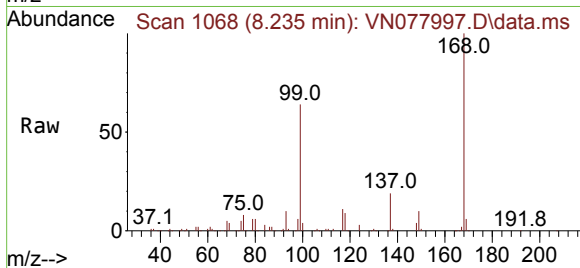
INTERCEPTOR-SUMP-20230526DL

Tgt Ion:168 Resp: 379556

Ion Ratio Lower Upper

168 100

99 63.7 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 0.271 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.000 min

Lab File: VN077997.D

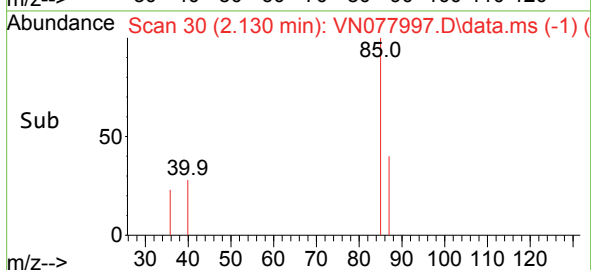
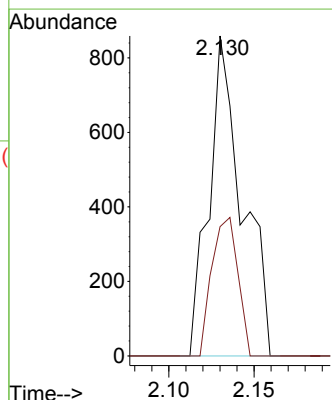
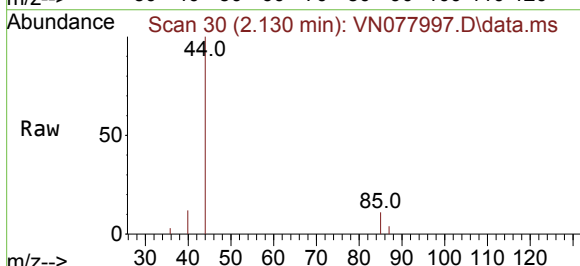
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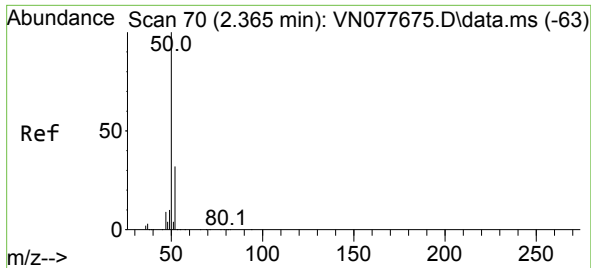
Tgt Ion: 85 Resp: 1170

Ion Ratio Lower Upper

85 100

87 40.4 15.8 47.4

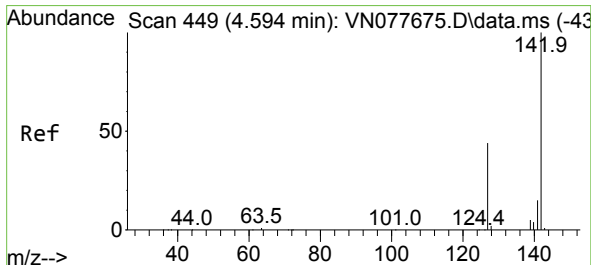
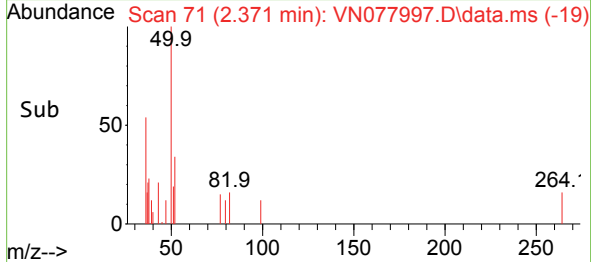
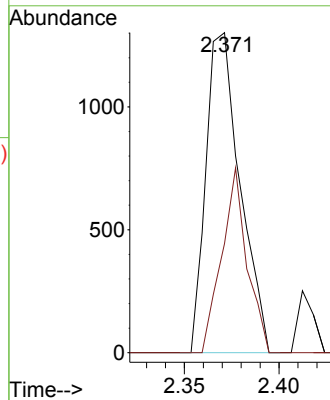
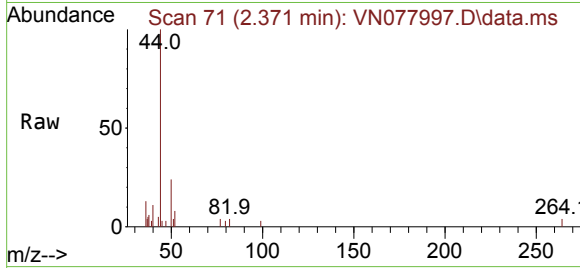




#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

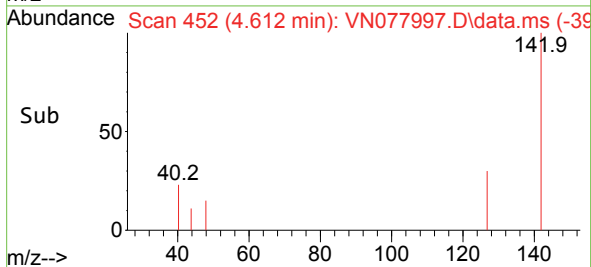
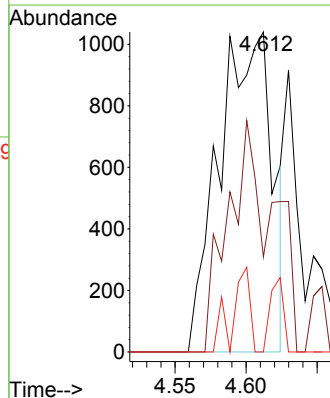
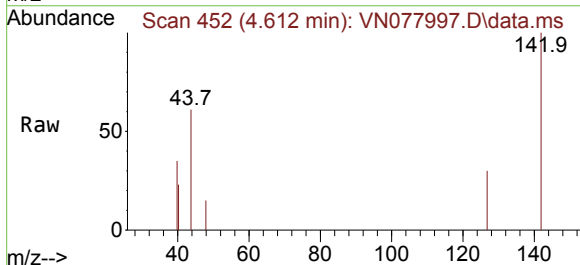
Instrument :
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INTERCEPTOR-SUMP-20230526DL

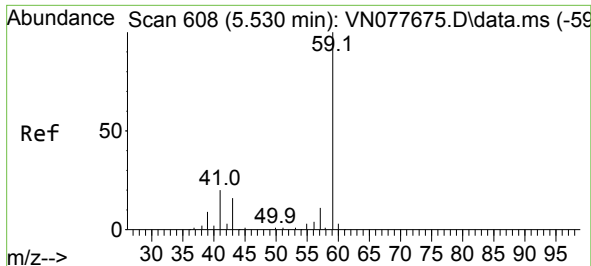
Tgt Ion: 50 Resp: 1635
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



#10
Methyl Iodide
Concen: 0.542 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.018 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 142 Resp: 2717
Ion Ratio Lower Upper
142 100
127 29.7 37.6 56.4#
141 0.0 11.4 17.0#

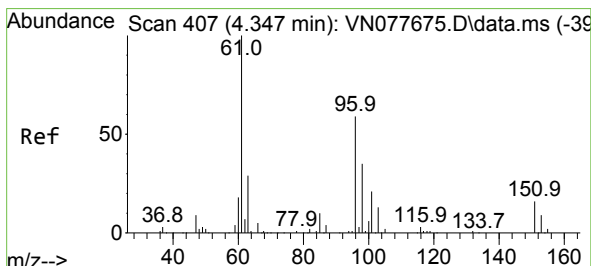
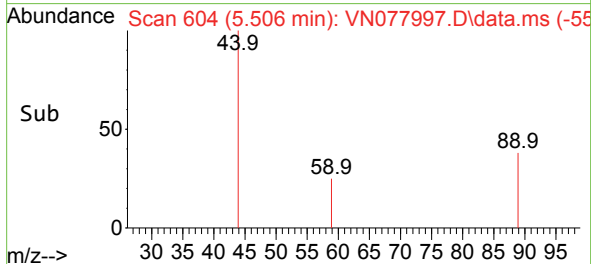
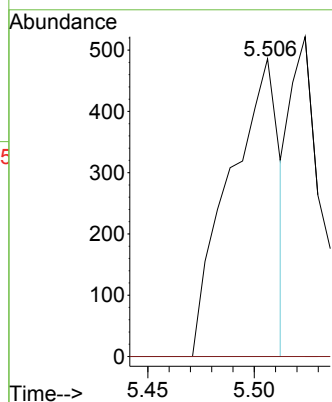
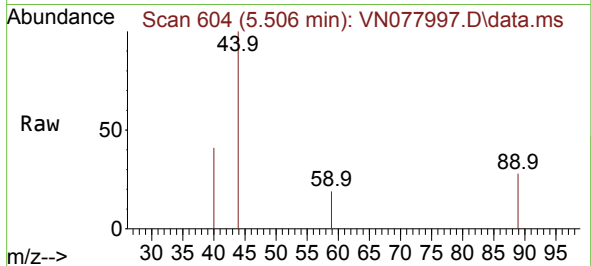




#11
Tert butyl alcohol
Concen: 1.005 ug/l
RT: 5.506 min Scan# 608
Delta R.T. -0.024 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

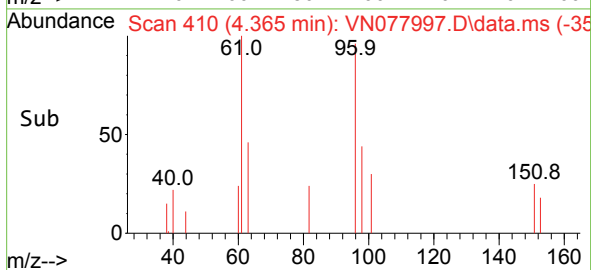
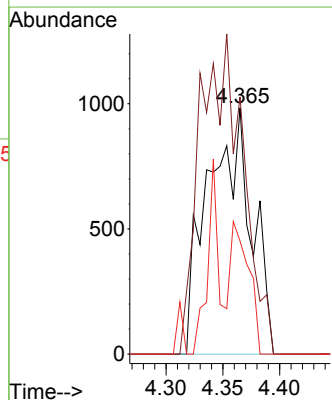
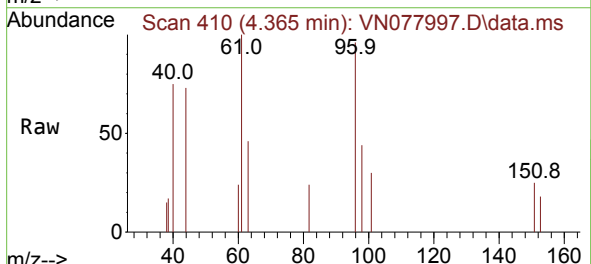
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

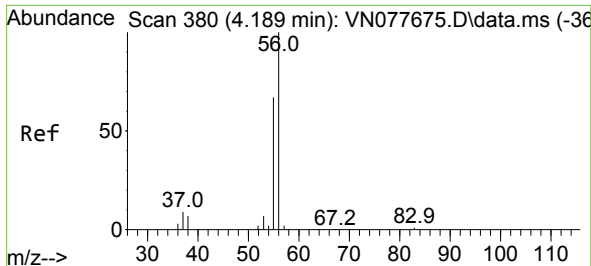
Tgt Ion: 59 Resp: 788
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.655 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.018 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 96 Resp: 2616
Ion Ratio Lower Upper
96 100
61 104.4 112.7 169.1#
98 45.8 51.2 76.8#

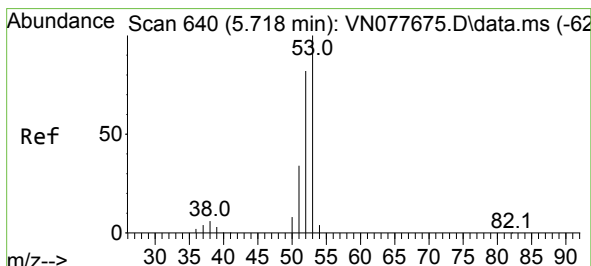
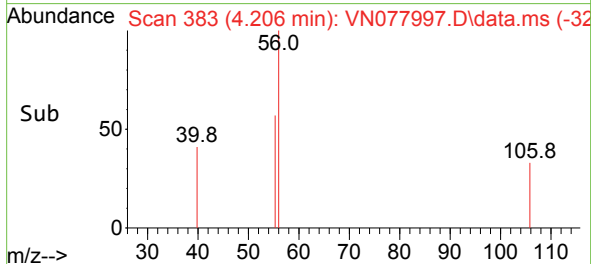
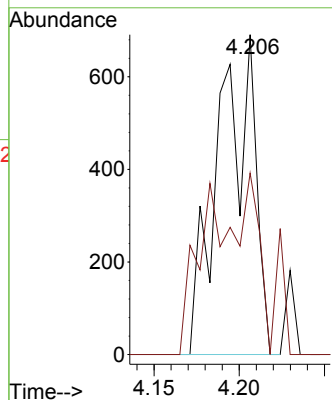
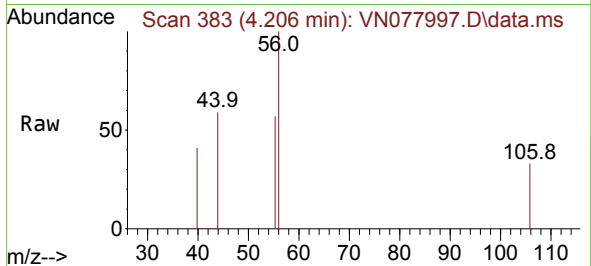




#13
Acrolein
Concen: Below Cal
RT: 4.206 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

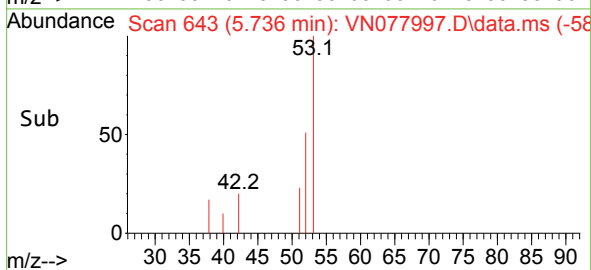
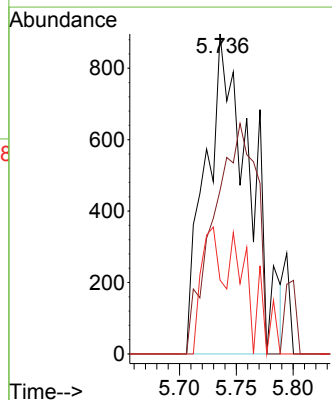
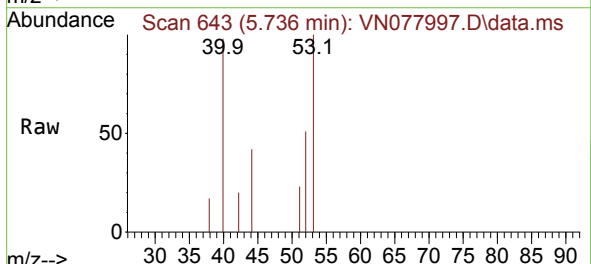
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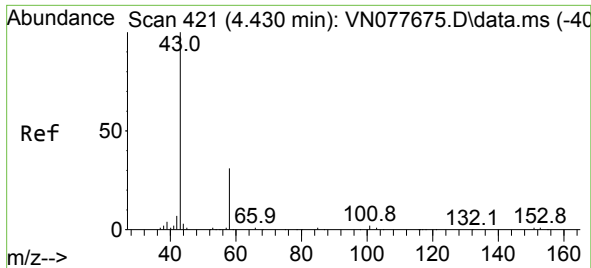
Tgt Ion: 56 Resp: 1026
Ion Ratio Lower Upper
56 100
55 31.7 54.5 81.7#



#15
Acrylonitrile
Concen: 1.151 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.018 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 53 Resp: 2411
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 19.0 28.9 43.3#

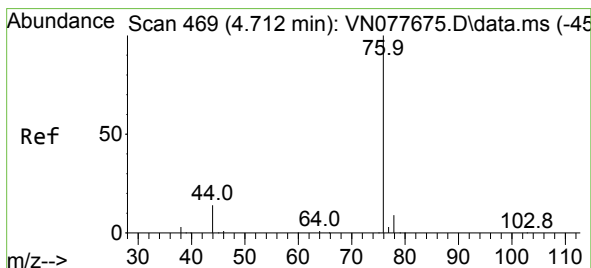
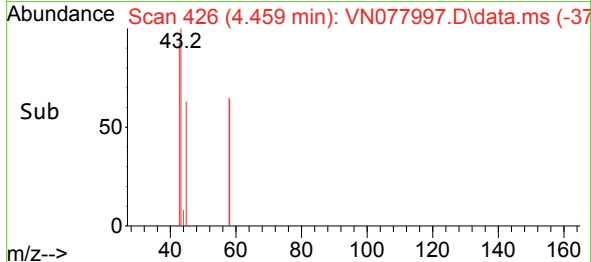
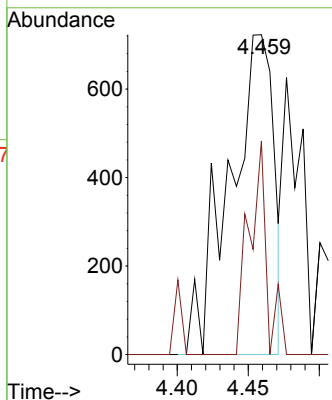
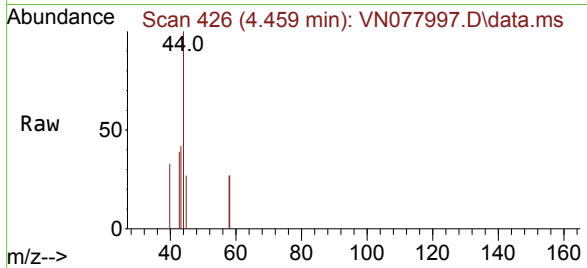




#16
Acetone
Concen: 0.881 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

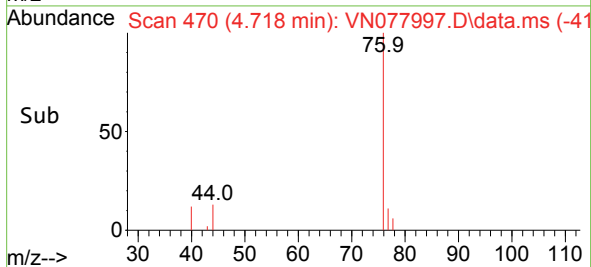
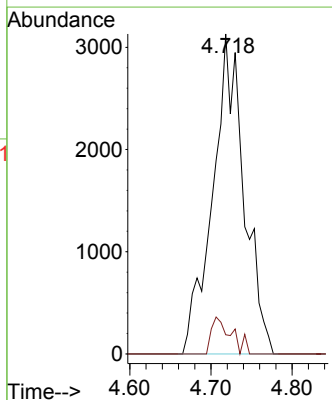
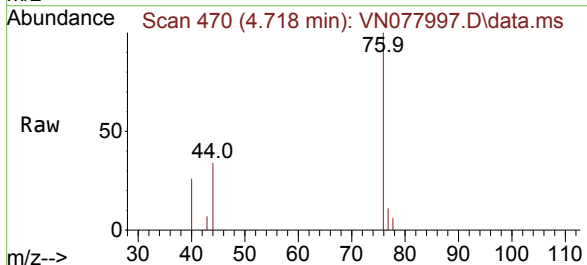
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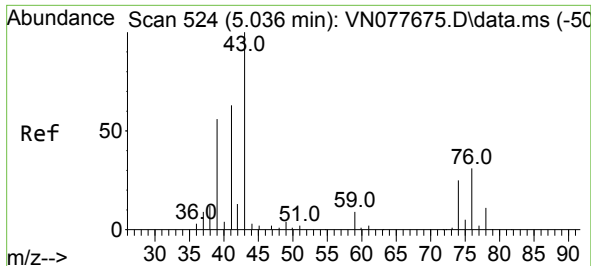
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 44.8 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.783 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 76 Resp: 8417
Ion Ratio Lower Upper
76 100
78 6.0 7.4 11.0#

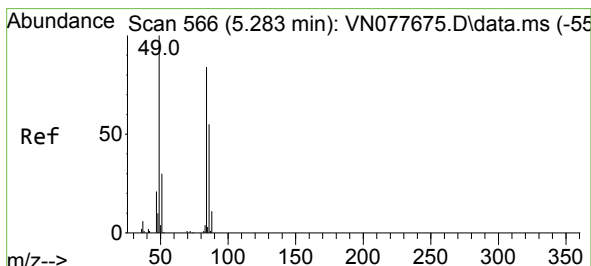
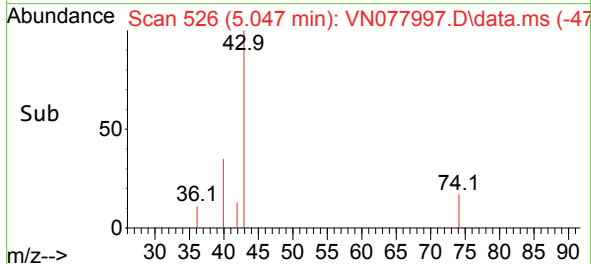
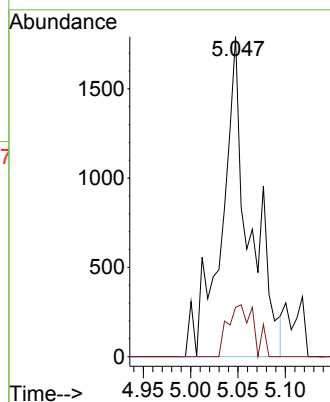
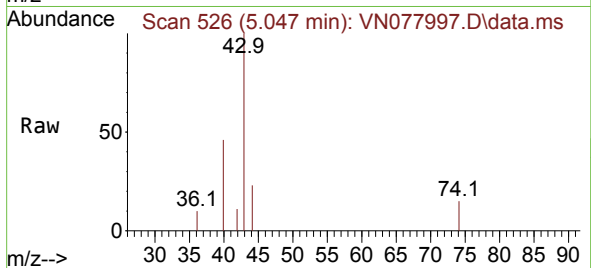




#18
Methyl Acetate
Concen: 0.489 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

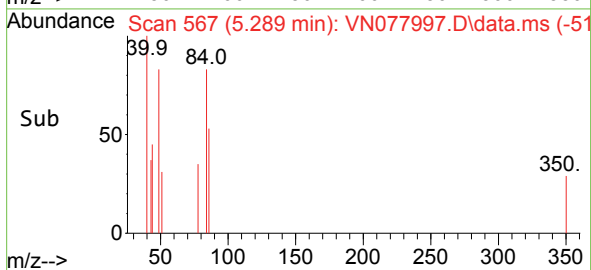
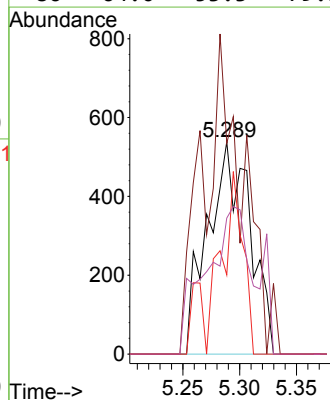
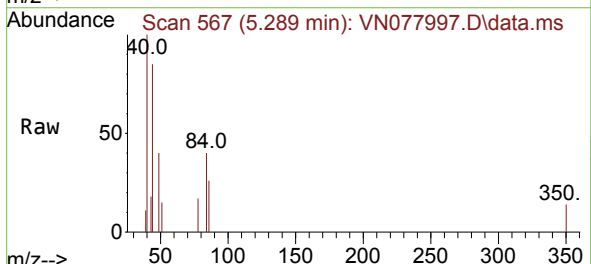
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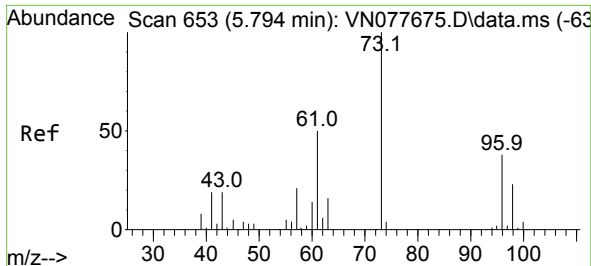
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Ion Ratio Lower Upper
43 100
74 15.3 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 84 Resp: 1399
Ion Ratio Lower Upper
84 100
49 99.3 79.7 119.5
51 37.3 25.2 37.8
86 64.0 53.3 79.9

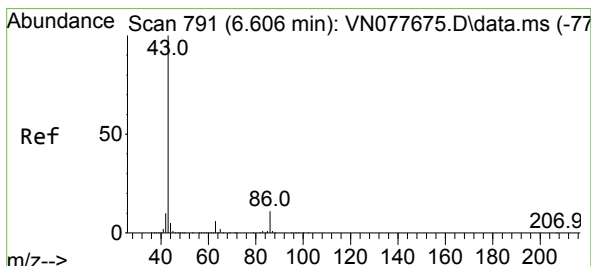
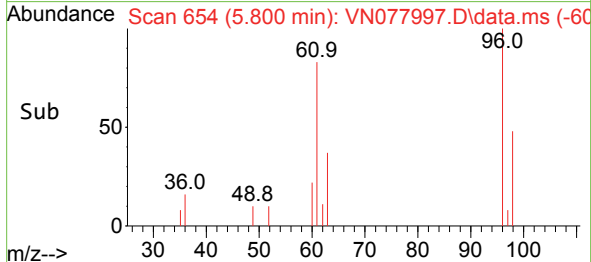
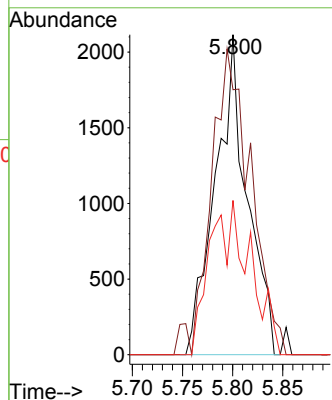
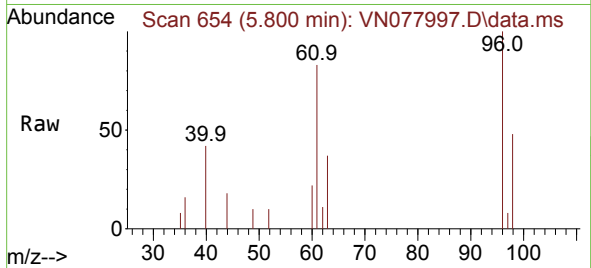




#21
trans-1,2-Dichloroethene
Concen: 1.037 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

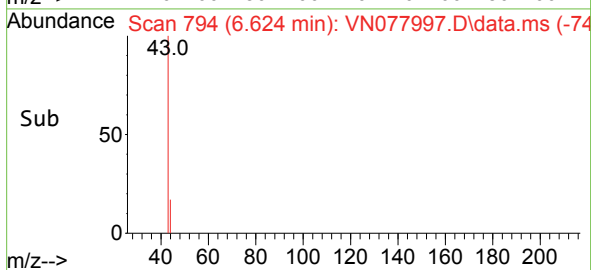
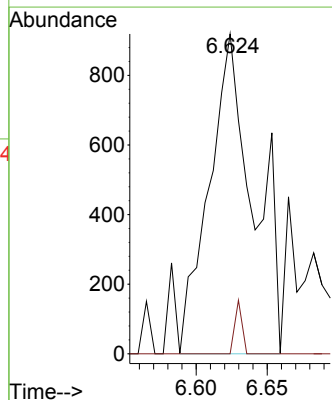
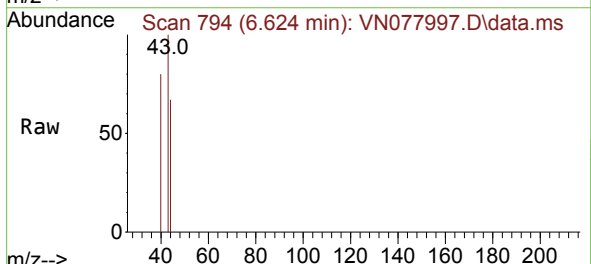
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

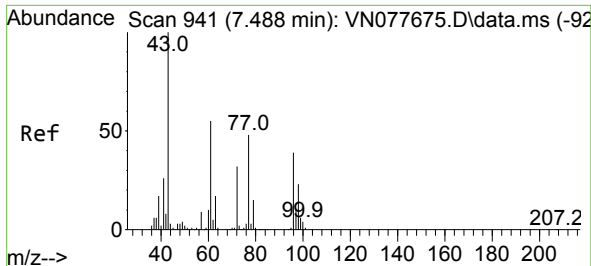
Tgt Ion: 96 Resp: 4650
Ion Ratio Lower Upper
96 100
61 74.4 90.1 135.1#
98 48.2 46.4 69.6



#23
Vinyl Acetate
Concen: 0.233 ug/l
RT: 6.624 min Scan# 794
Delta R.T. 0.018 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
86 0.0 13.0 19.6#

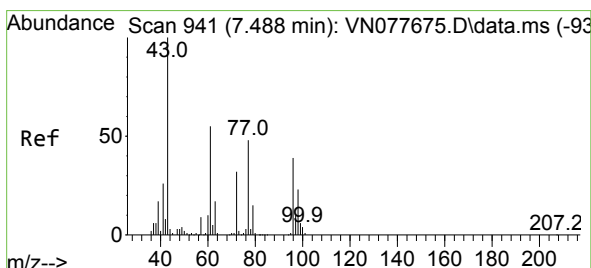
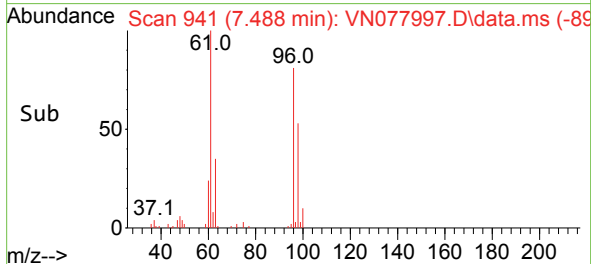
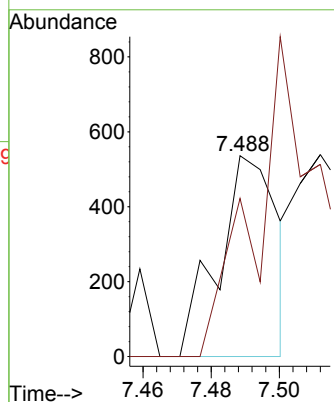
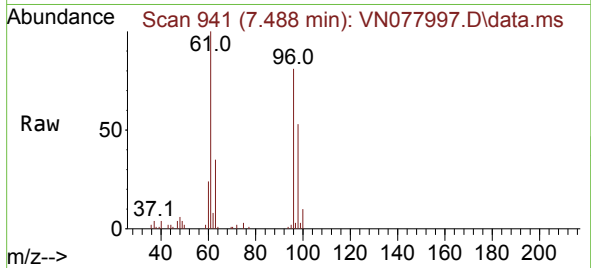




#25
2-Butanone
Concen: 0.231 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

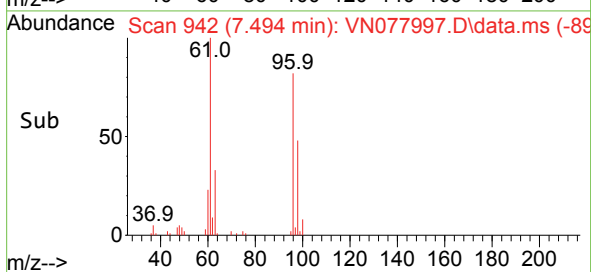
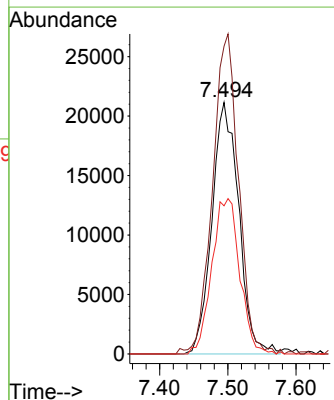
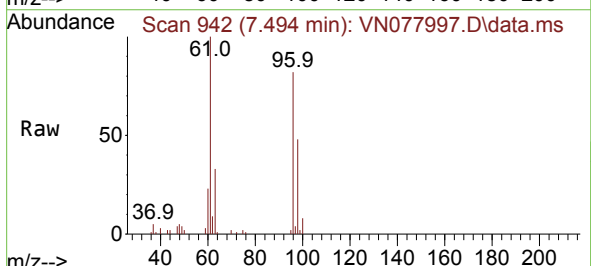
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

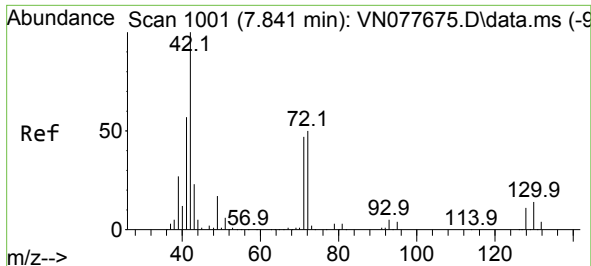
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
72 78.7 30.2 45.2#



#27
cis-1,2-Dichloroethene
Concen: 10.781 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 96 Resp: 57967
Ion Ratio Lower Upper
96 100
61 122.9 0.0 255.2
98 64.2 0.0 128.8





#29

Tetrahydrofuran

Concen: 0.669 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.024 min

Lab File: VN077997.D

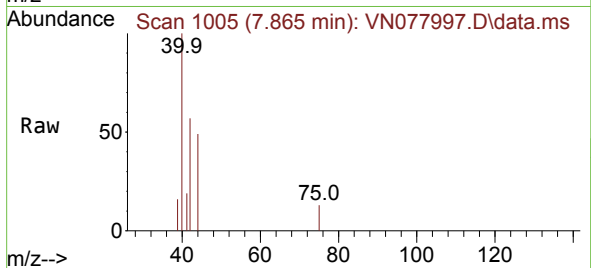
Acq: 31 May 2023 16:55

Instrument :

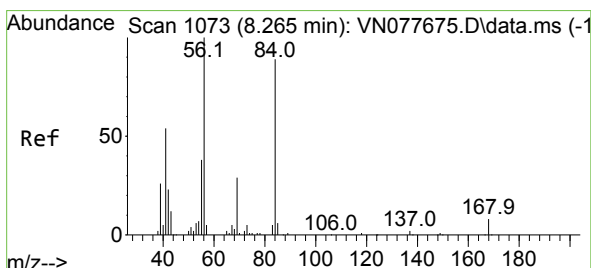
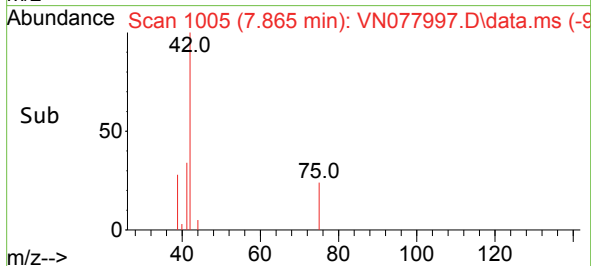
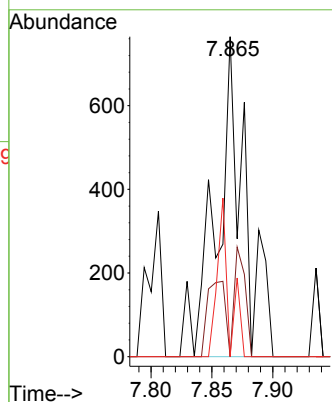
MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20230526DL



Tgt Ion:	42	Resp:	1224
Ion	Ratio	Lower	Upper
42	100		
72	13.2	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 1.271 ug/l

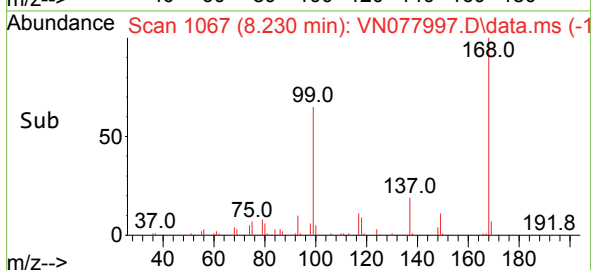
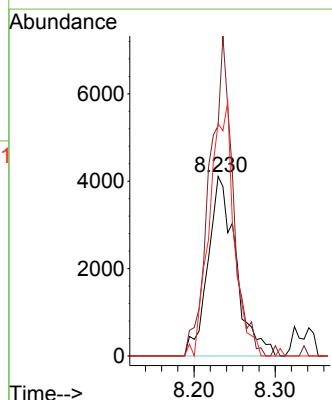
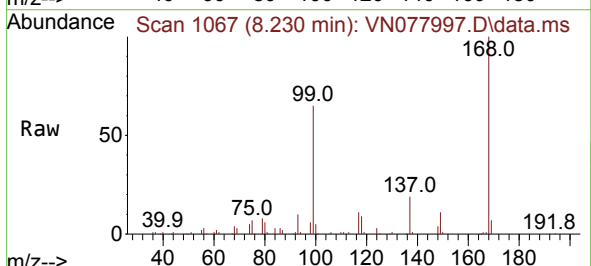
RT: 8.230 min Scan# 1067

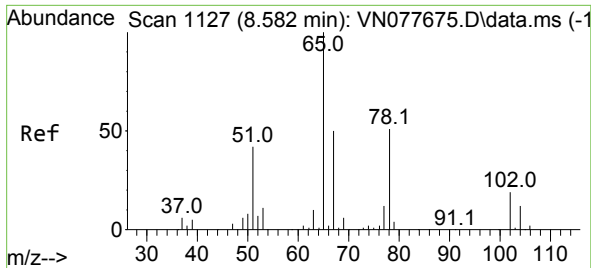
Delta R.T. -0.035 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

Tgt Ion:	56	Resp:	9810
Ion	Ratio	Lower	Upper
56	100		
69	128.3	26.8	40.2#
84	129.4	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 45.337 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

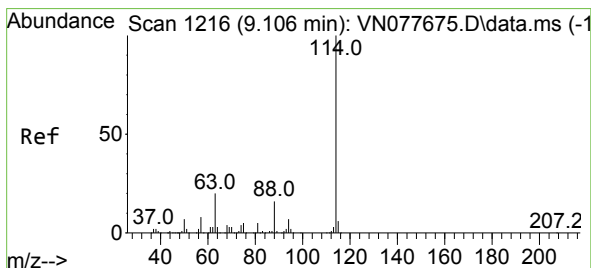
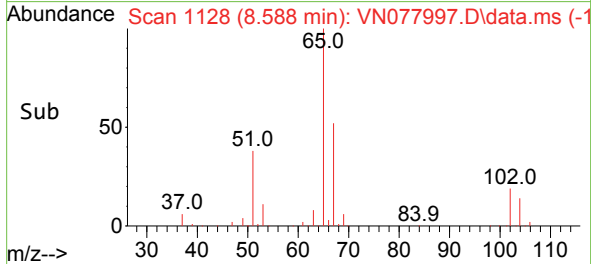
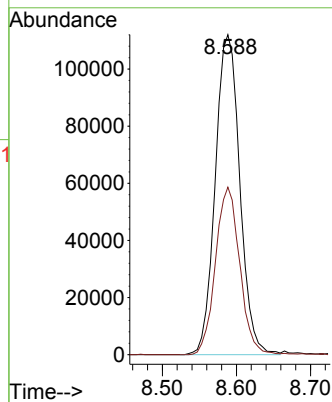
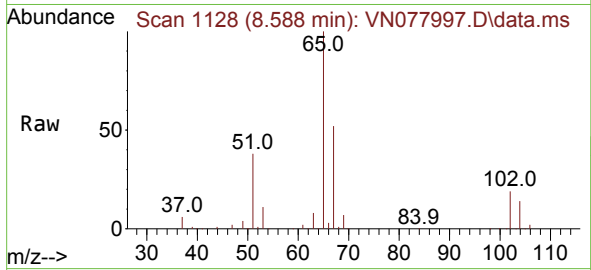
INTERCEPTOR-SUMP-20230526DL

Tgt Ion: 65 Resp: 257475

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

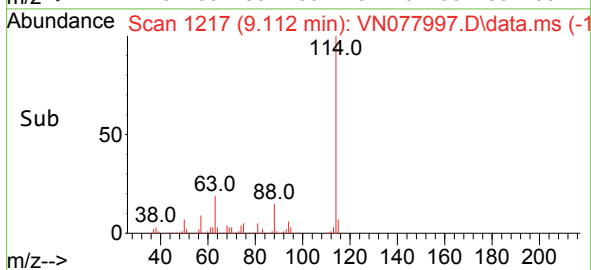
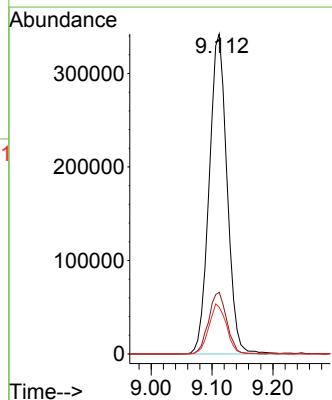
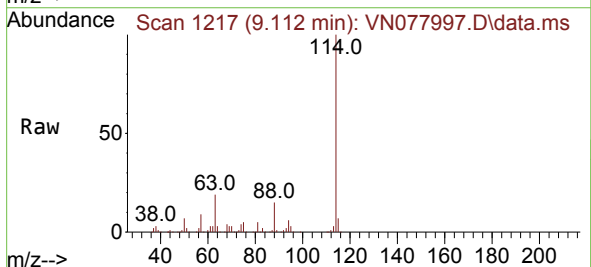
Tgt Ion: 114 Resp: 696071

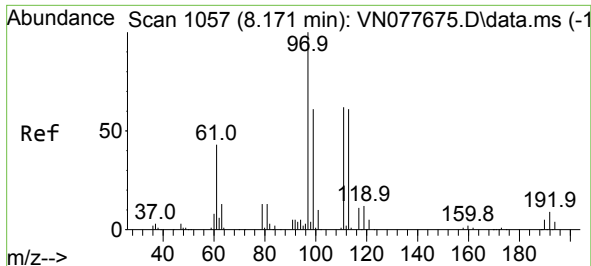
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.939 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077997.D

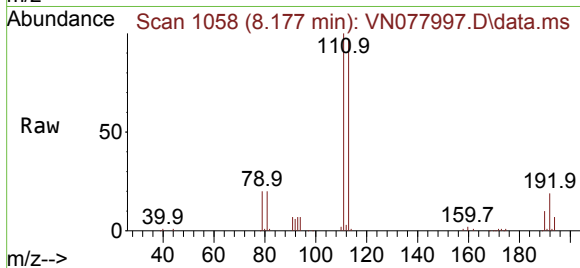
Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20230526DL



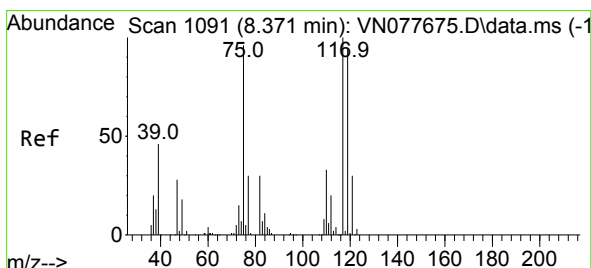
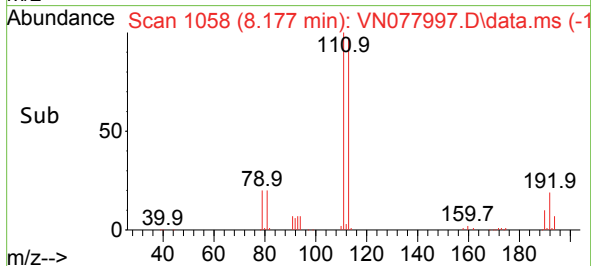
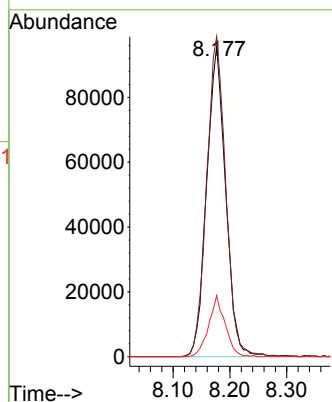
Tgt Ion:113 Resp: 222135

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.1 12.7 19.1



#38

Carbon Tetrachloride

Concen: 6.218 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

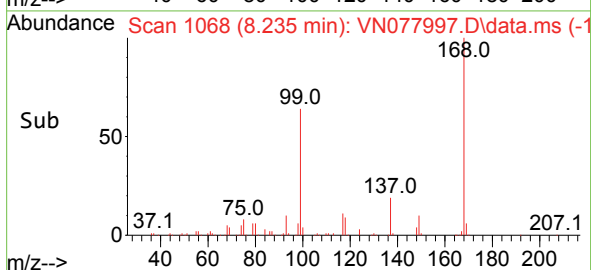
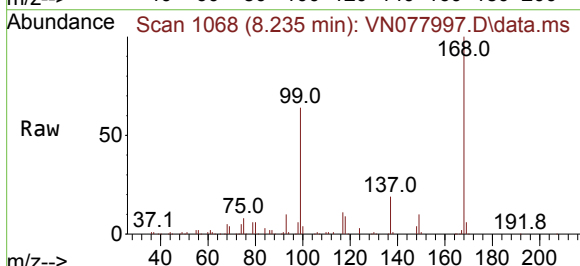
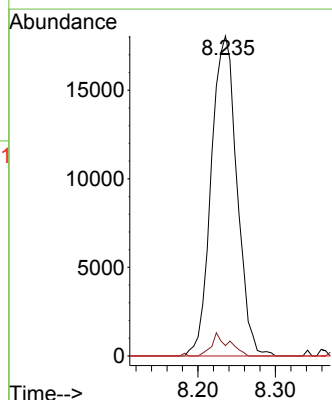
Tgt Ion:117 Resp: 41685

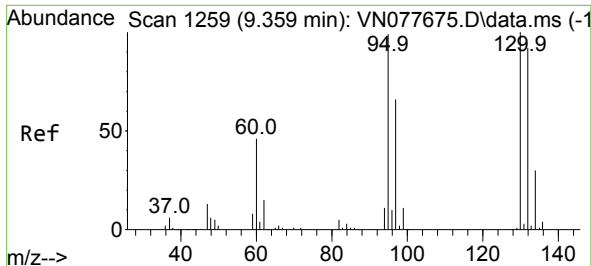
Ion Ratio Lower Upper

117 100

119 3.3 77.3 115.9#

121 0.0 23.3 34.9#

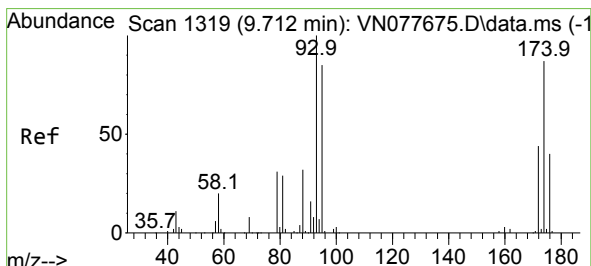
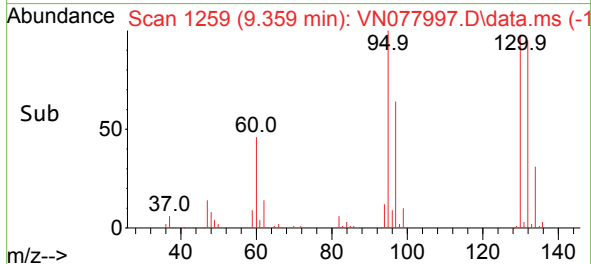
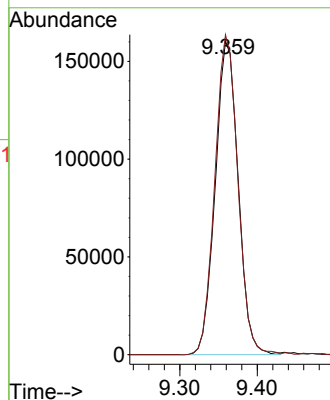
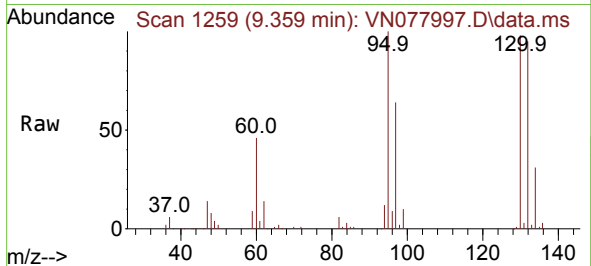




#44
Trichloroethene
Concen: 66.492 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

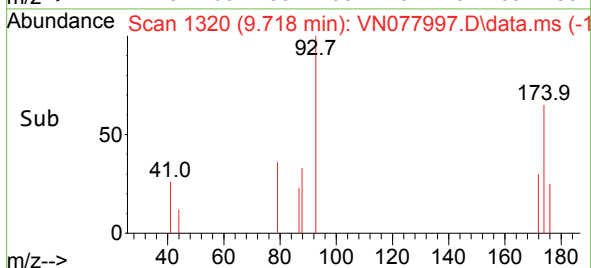
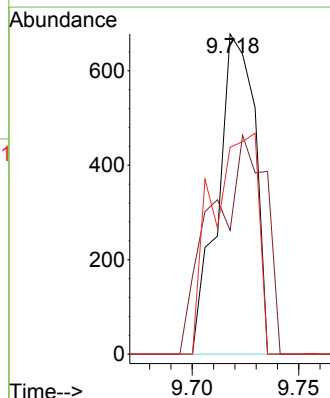
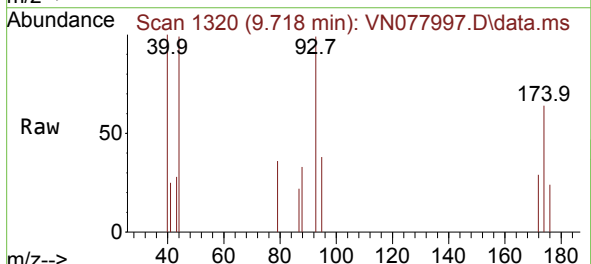
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

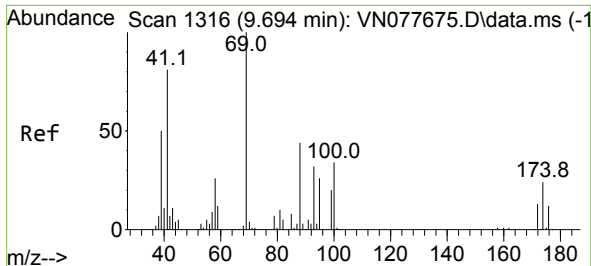
Tgt Ion:130 Resp: 329850
Ion Ratio Lower Upper
130 100
95 102.1 0.0 204.6



#46
Dibromomethane
Concen: 0.228 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 93 Resp: 816
Ion Ratio Lower Upper
93 100
95 99.0 63.8 95.8#
174 86.3 65.6 98.4





#49

1,4-Dioxane

Concen: 2.761 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN077997.D

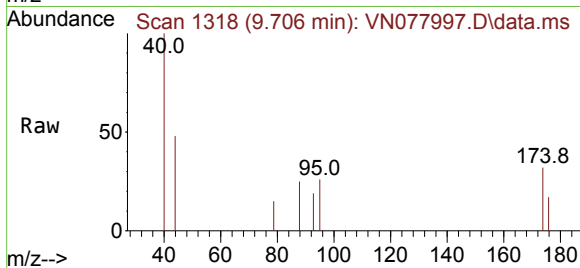
Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20230526DL



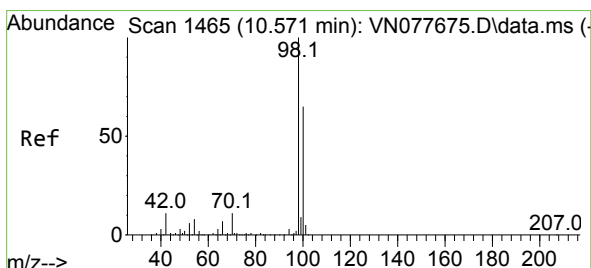
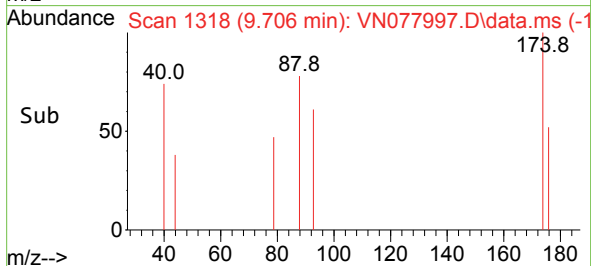
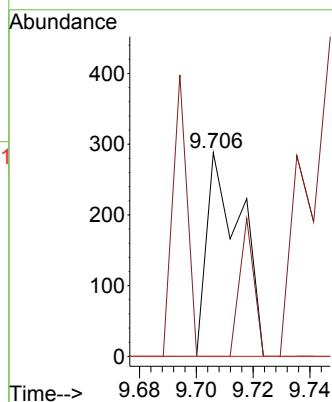
Tgt Ion: 88 Resp: 239

Ion Ratio Lower Upper

88 100

43 28.9 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 48.425 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077997.D

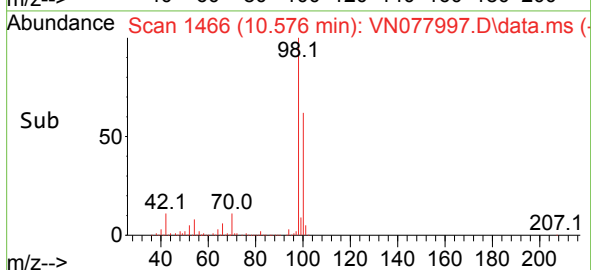
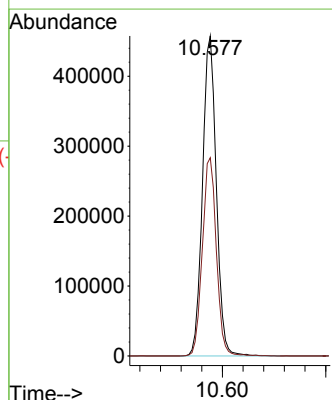
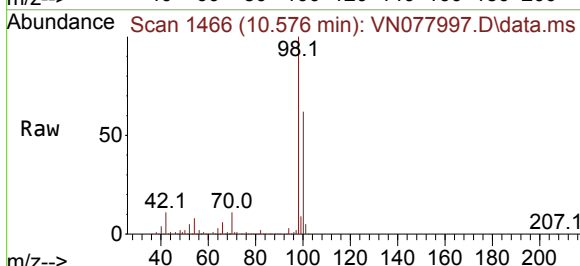
Acq: 31 May 2023 16:55

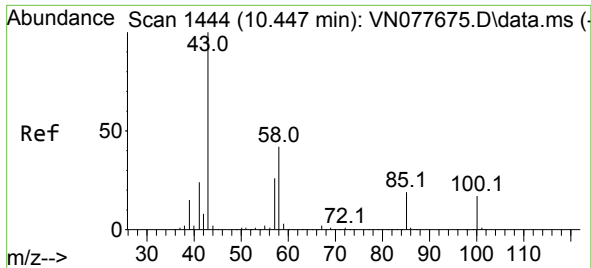
Tgt Ion: 98 Resp: 846038

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0

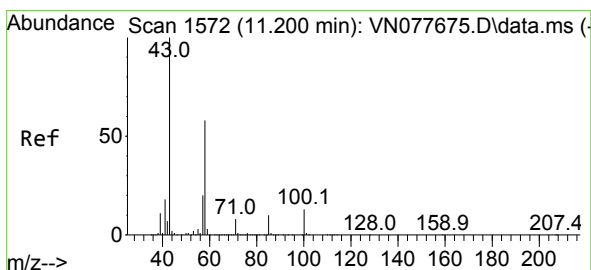
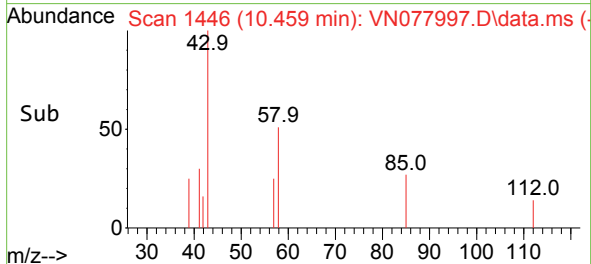
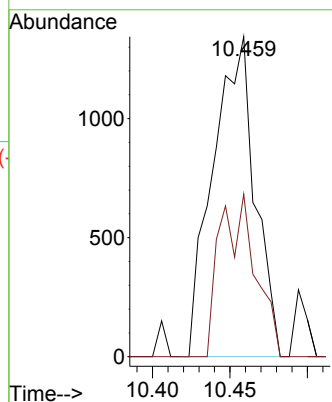
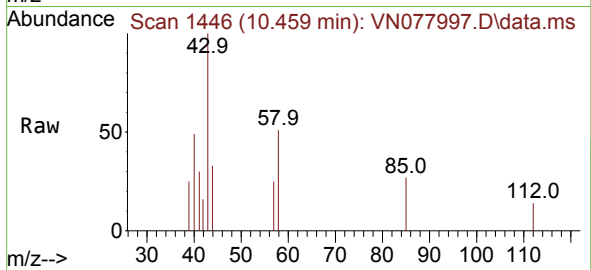




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

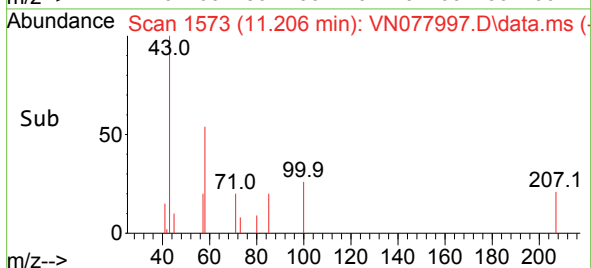
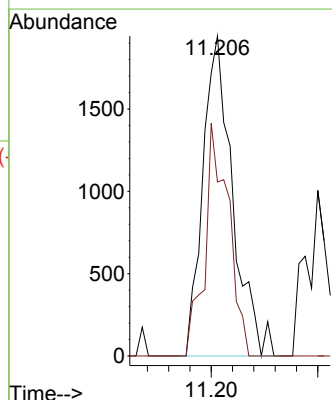
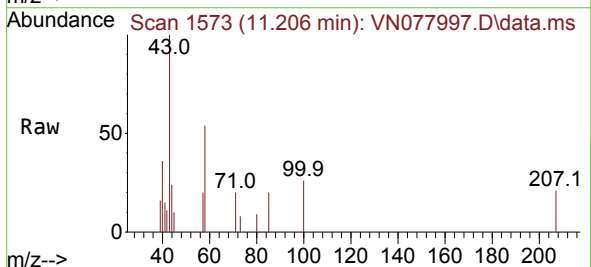
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

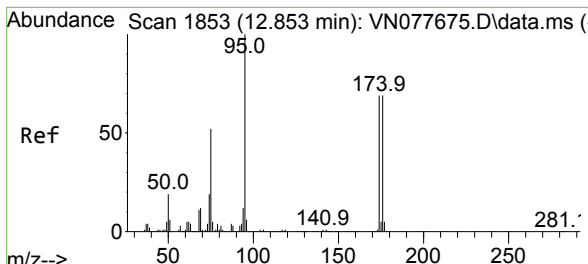
Tgt Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
58 43.0 36.6 54.8



#59
2-Hexanone
Concen: 0.886 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 43 Resp: 3765
Ion Ratio Lower Upper
43 100
58 57.8 31.7 95.1

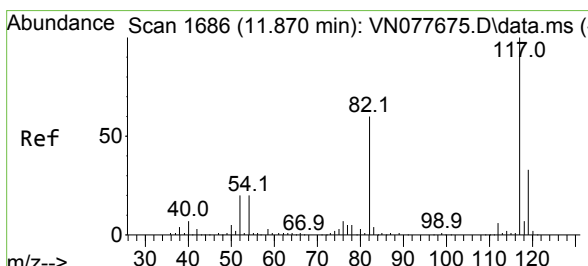
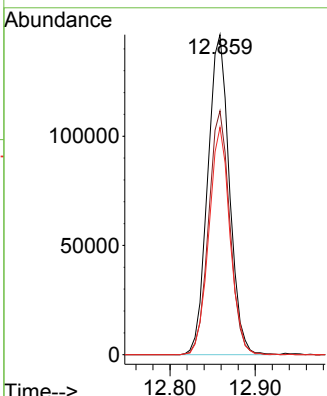
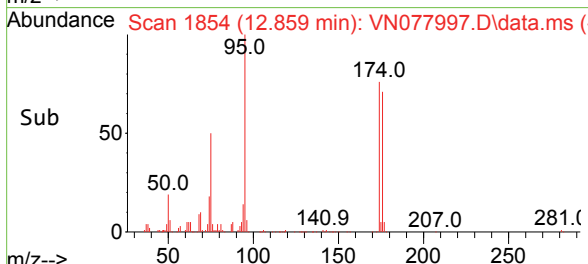
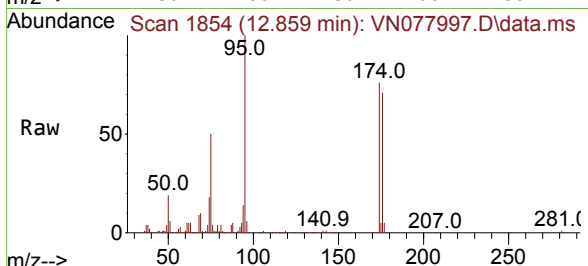




#62
 4-Bromofluorobenzene
 Concen: 41.835 ug/l
 RT: 12.859 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VN077997.D
 Acq: 31 May 2023 16:55

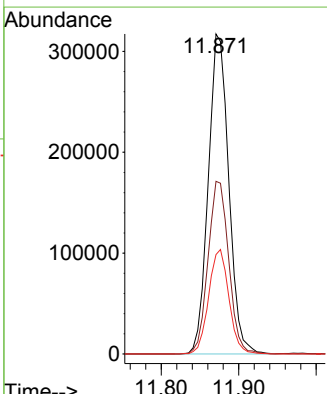
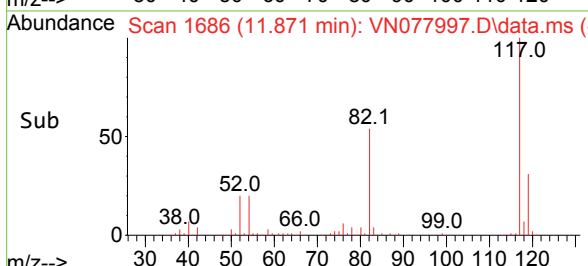
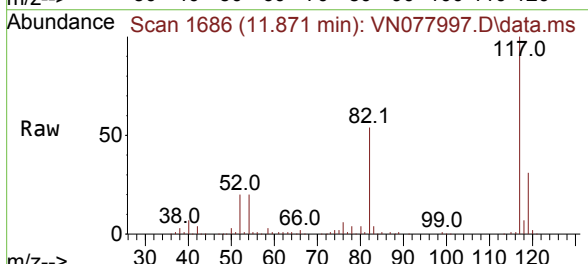
Instrument : MSVOA_N
 ClientSampleId : INTERCEPTOR-SUMP-20230526DL

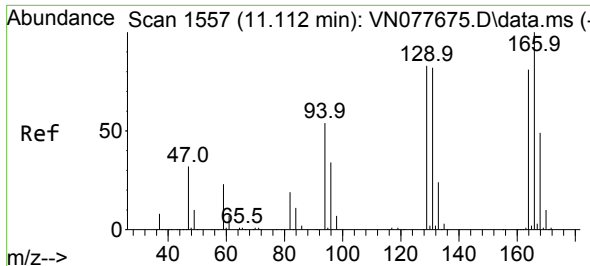
Tgt Ion:	95	Resp:	258135
Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	143.8
176	69.3	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.001 min
 Lab File: VN077997.D
 Acq: 31 May 2023 16:55

Tgt Ion:	117	Resp:	582643
Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.0	66.0
119	31.1	25.6	38.4

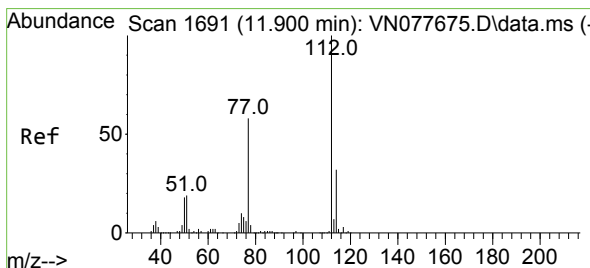
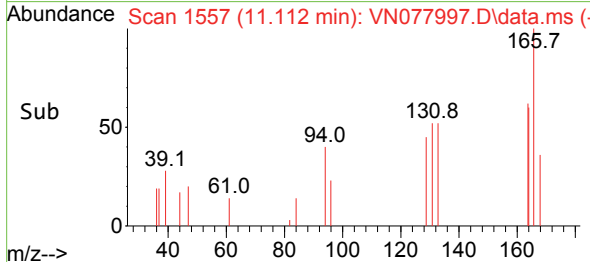
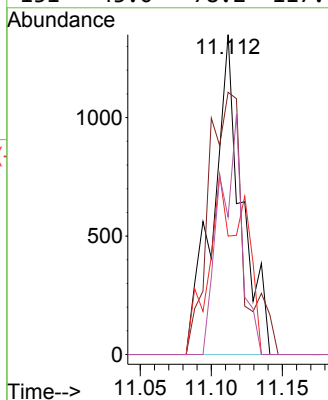
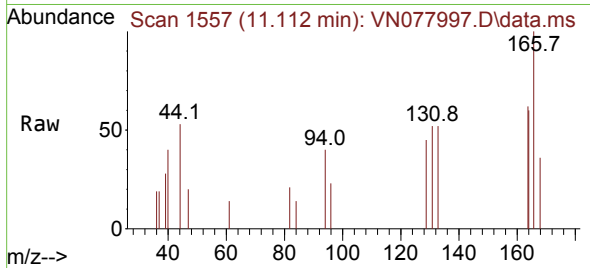




#64
Tetrachloroethene
Concen: 0.465 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

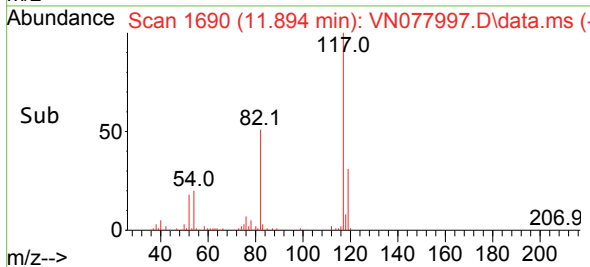
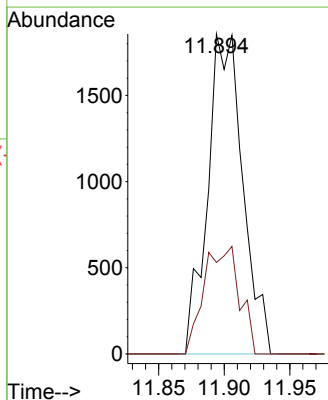
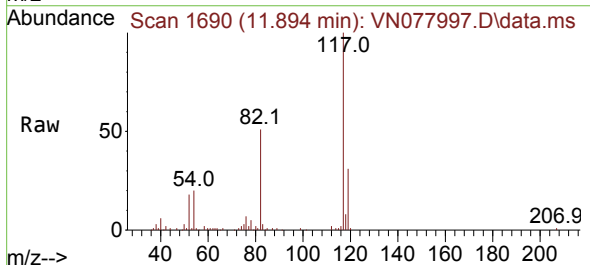
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

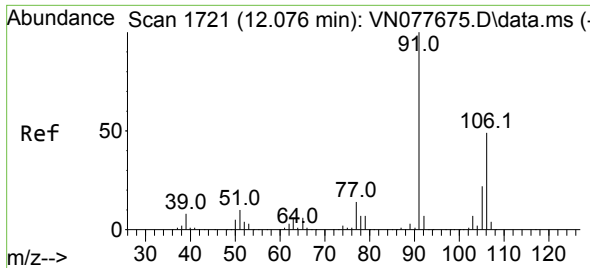
Tgt Ion:164 Resp: 1895
Ion Ratio Lower Upper
164 100
166 82.0 101.4 152.0#
129 37.0 82.4 123.6#
131 43.0 78.2 117.4#



#65
Chlorobenzene
Concen: 0.275 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion:112 Resp: 3471
Ion Ratio Lower Upper
112 100
114 28.6 25.0 37.4

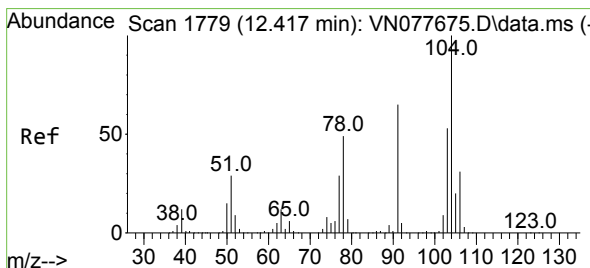
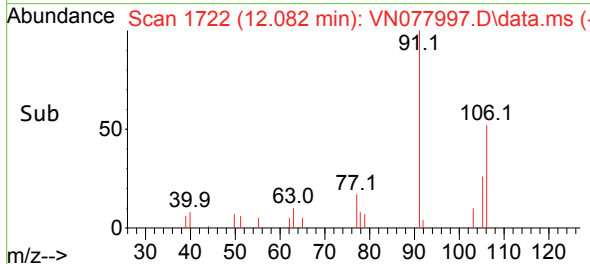
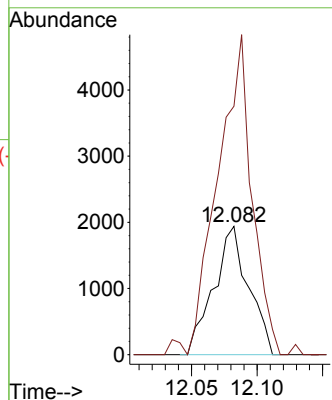
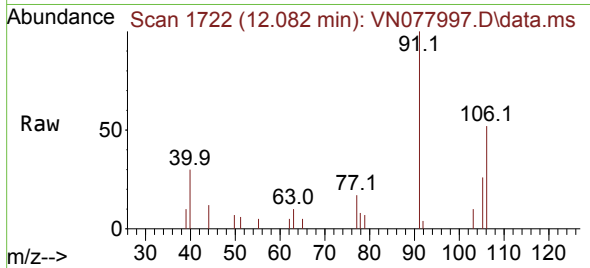




#68
m/p-Xylenes
Concen: 0.418 ug/l
RT: 12.082 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

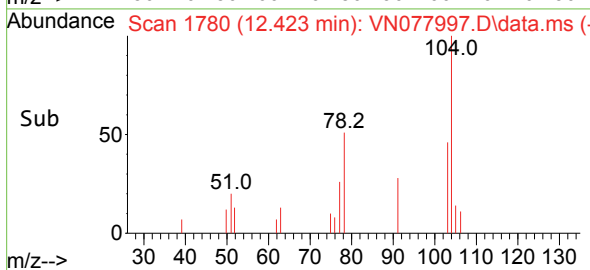
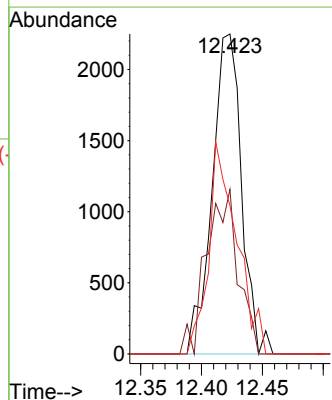
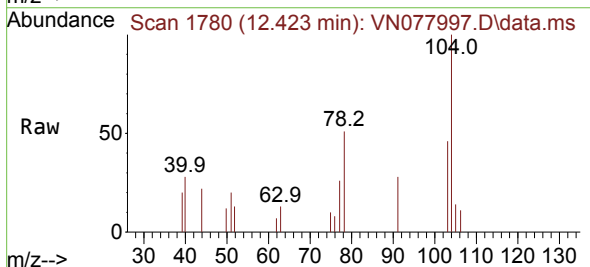
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

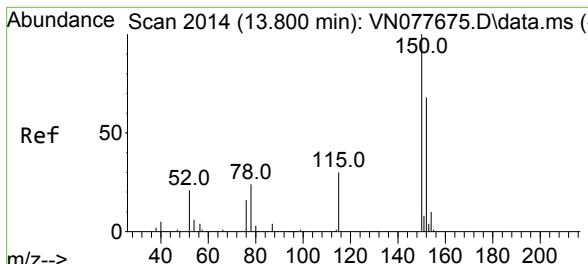
Tgt Ion:106 Resp: 3588
Ion Ratio Lower Upper
106 100
91 246.7 159.6 239.4#



#70
Styrene
Concen: 0.282 ug/l
RT: 12.423 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion:104 Resp: 3776
Ion Ratio Lower Upper
104 100
78 55.4 39.5 59.3
103 63.5 43.2 64.8

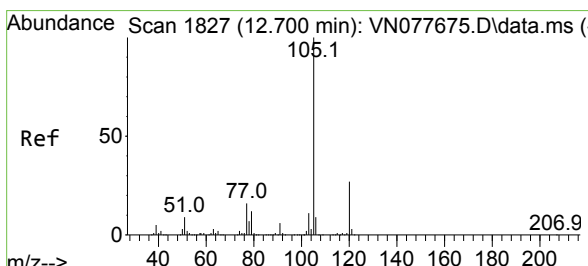
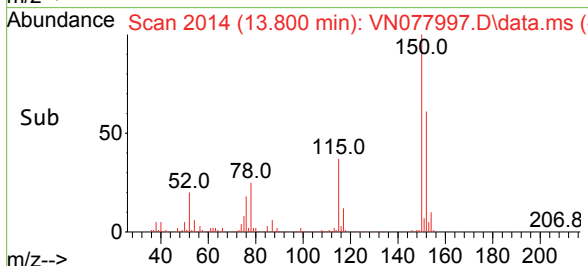
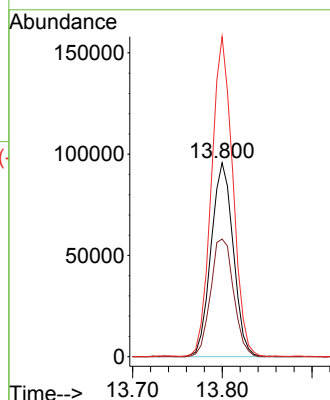
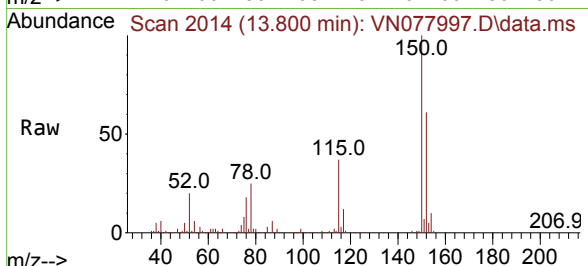




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077997.D
 Acq: 31 May 2023 16:55

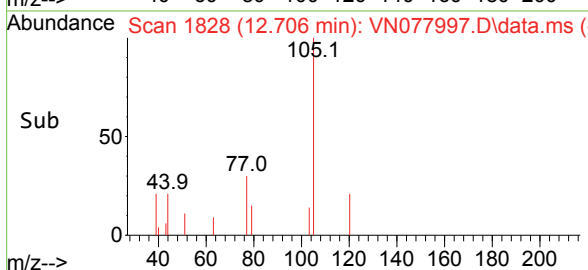
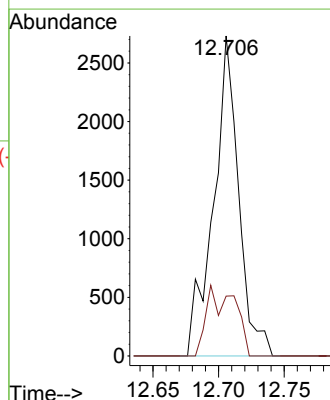
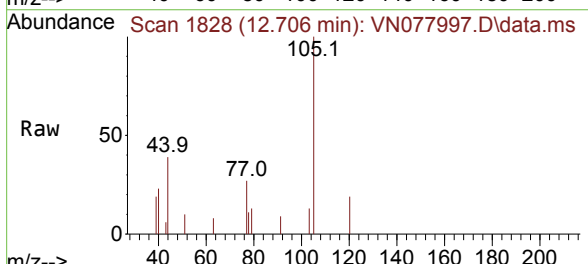
Instrument :
 MSVOA_N
 ClientSampleId :
 INTERCEPTOR-SUMP-20230526DL

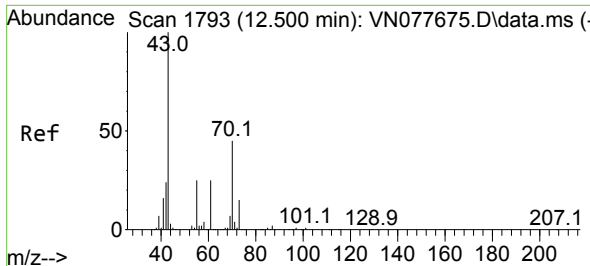
Tgt Ion:152 Resp: 164162
 Ion Ratio Lower Upper
 152 100
 115 62.9 32.3 96.8
 150 159.1 0.0 355.8



#73
 Isopropylbenzene
 Concen: 0.257 ug/l
 RT: 12.706 min Scan# 1828
 Delta R.T. 0.006 min
 Lab File: VN077997.D
 Acq: 31 May 2023 16:55

Tgt Ion:105 Resp: 3637
 Ion Ratio Lower Upper
 105 100
 120 24.5 13.1 39.1

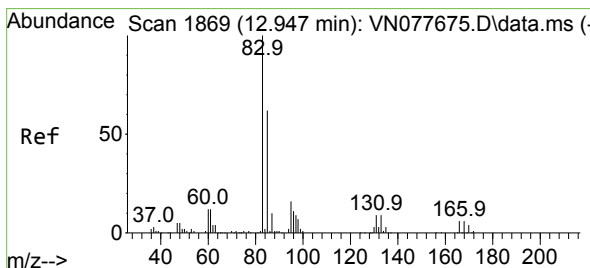
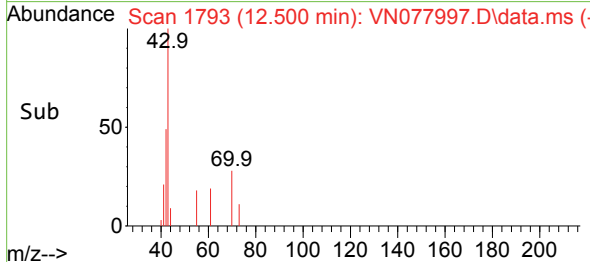
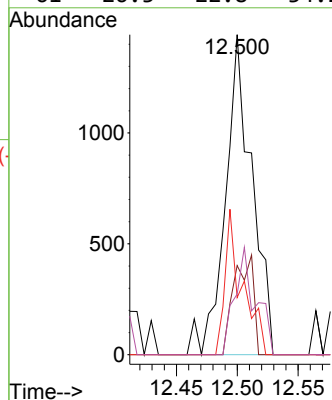
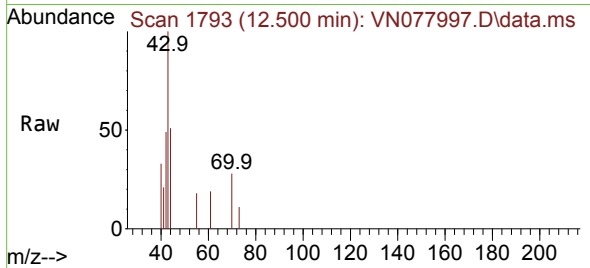




#74
N-amy1 acetate
Concen: 0.421 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

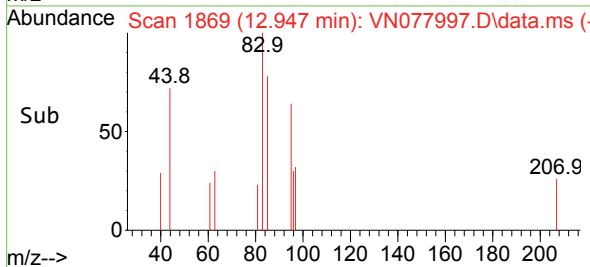
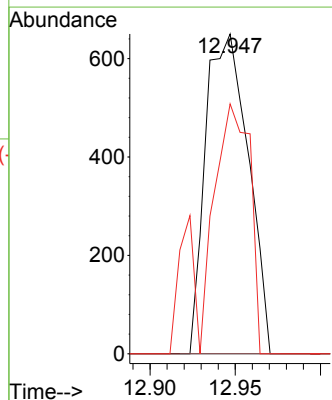
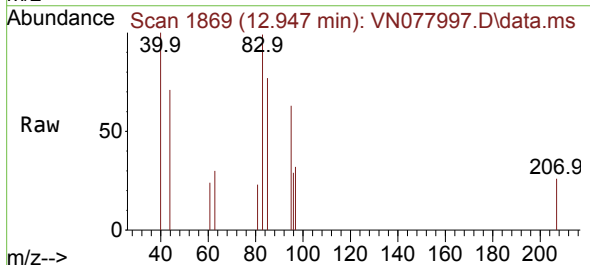
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

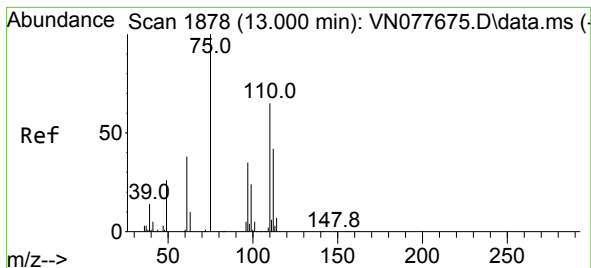
Tgt Ion: 43	Resp: 2202
Ion Ratio	Lower Upper
43 100	
70 22.8	43.4 65.2#
55 29.4	21.4 32.0
61 26.3	22.8 34.2



#75
1,1,2,2-Tetrachloroethane
Concen: 0.259 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 83	Resp: 1129
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 64.9	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 33.085 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

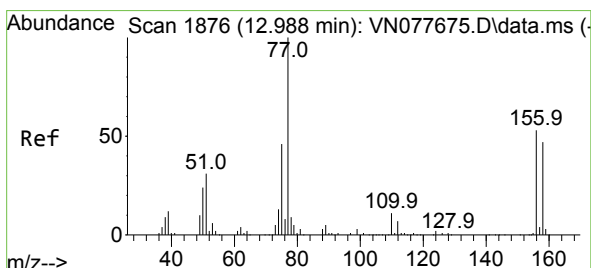
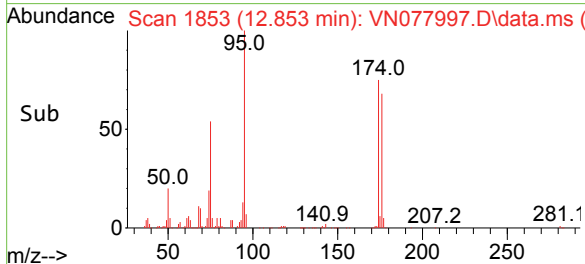
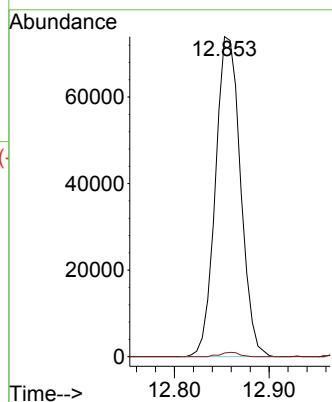
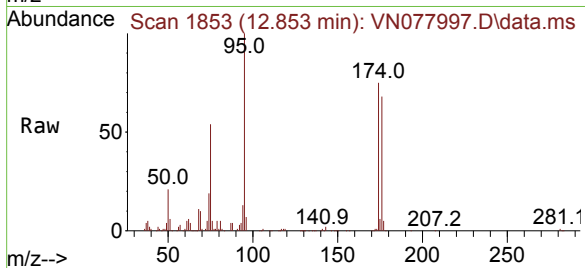
INTERCEPTOR-SUMP-20230526DL

Tgt Ion: 75 Resp: 136021

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#77

Bromobenzene

Concen: 0.568 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

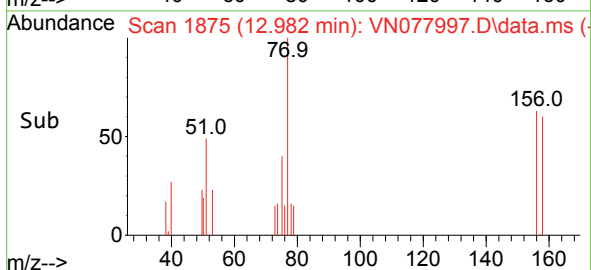
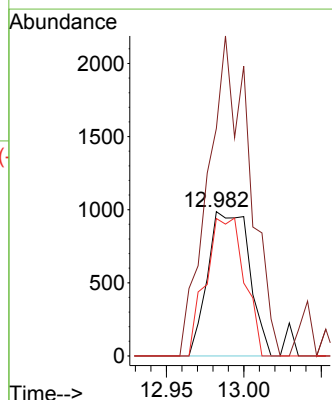
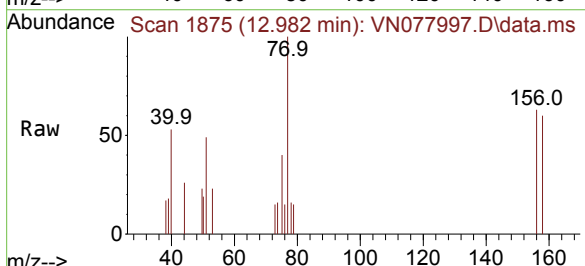
Tgt Ion:156 Resp: 1834

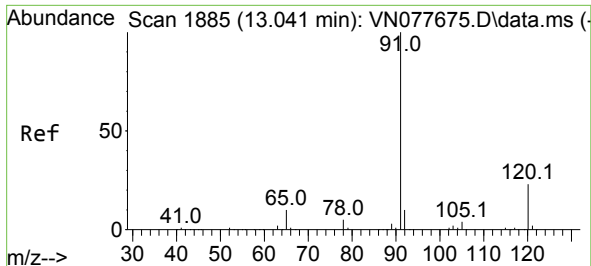
Ion Ratio Lower Upper

156 100

77 221.7 107.7 323.3

158 88.6 48.4 145.3

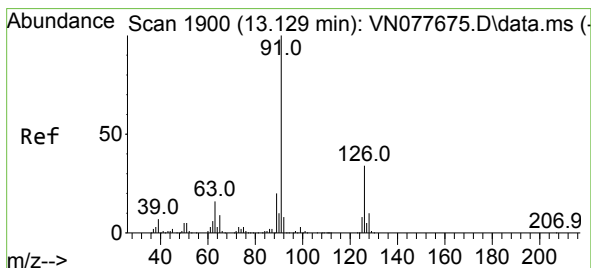
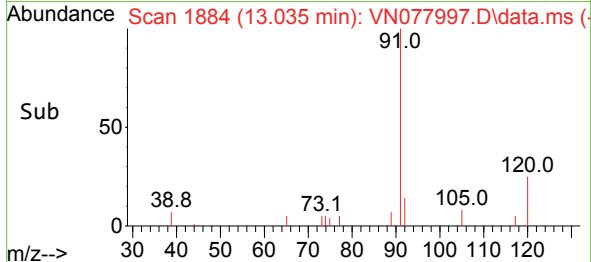
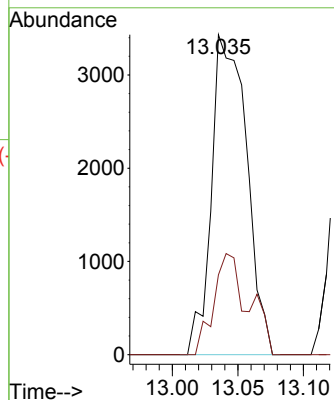
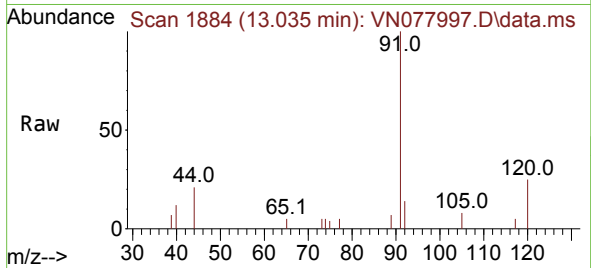




#78
n-propylbenzene
Concen: 0.383 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

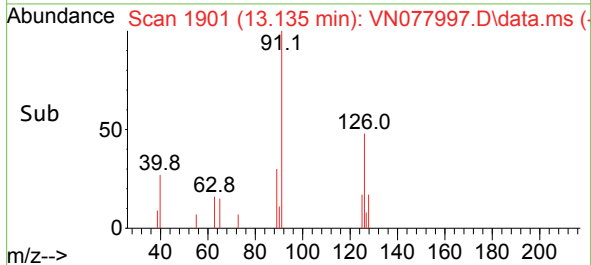
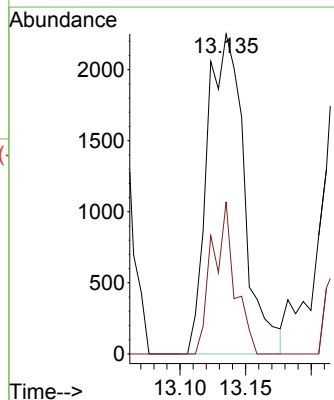
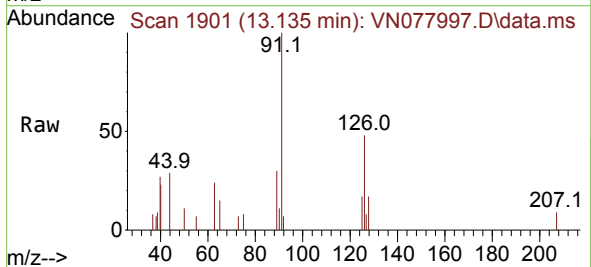
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

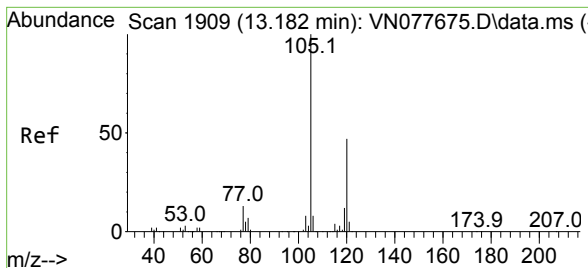
Tgt Ion: 91 Resp: 6384
Ion Ratio Lower Upper
91 100
120 31.2 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.442 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion: 91 Resp: 4397
Ion Ratio Lower Upper
91 100
126 29.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.313 ug/l

RT: 13.188 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

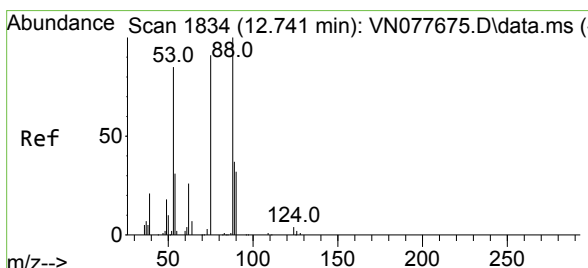
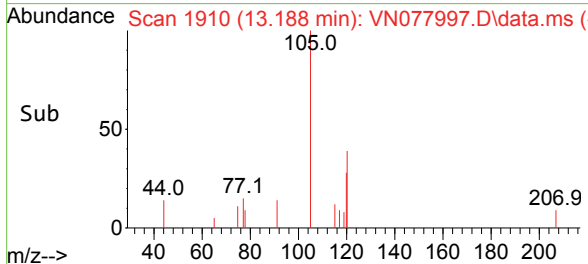
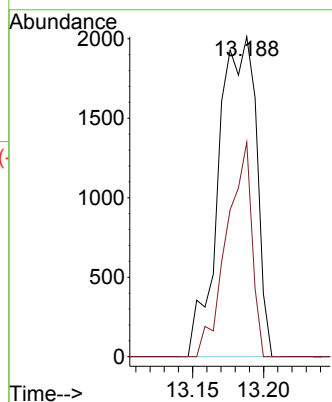
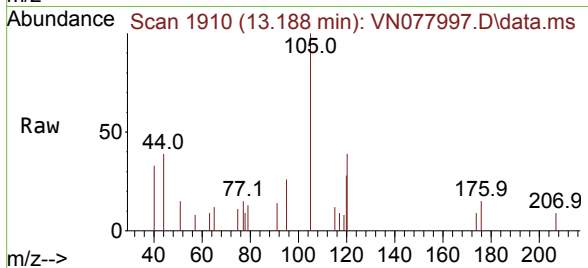
INTERCEPTOR-SUMP-20230526DL

Tgt Ion:105 Resp: 3718

Ion Ratio Lower Upper

105 100

120 44.8 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 105.758 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

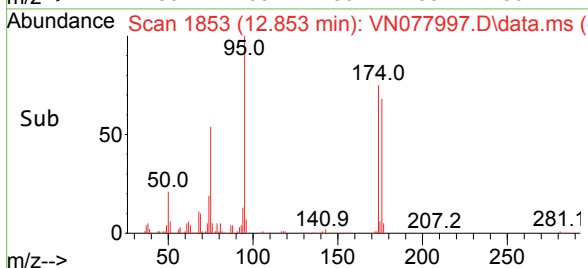
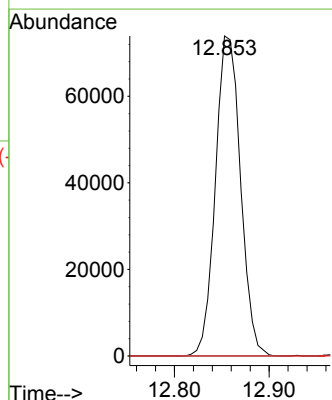
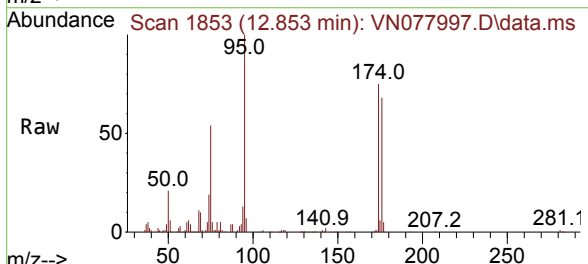
Tgt Ion: 75 Resp: 136021

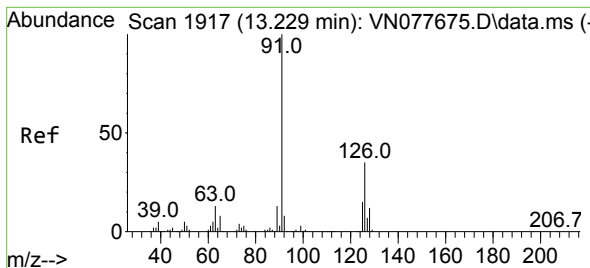
Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 38.8 58.2#





#82

4-Chlorotoluene

Concen: 0.722 ug/l

RT: 13.223 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

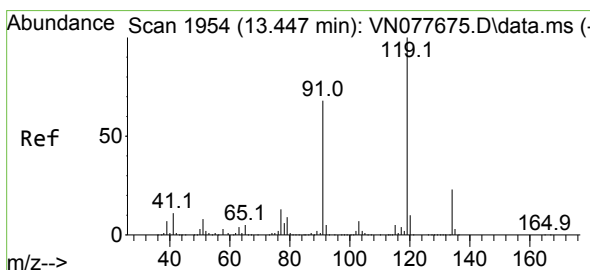
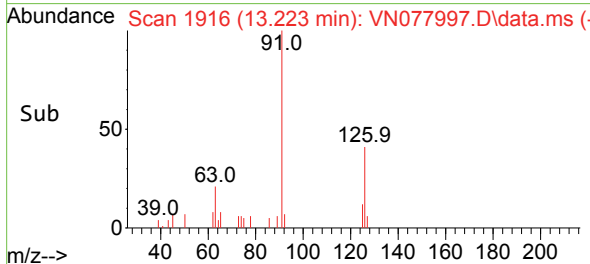
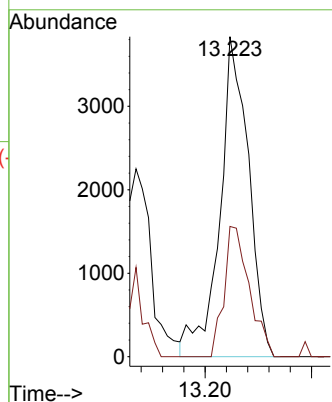
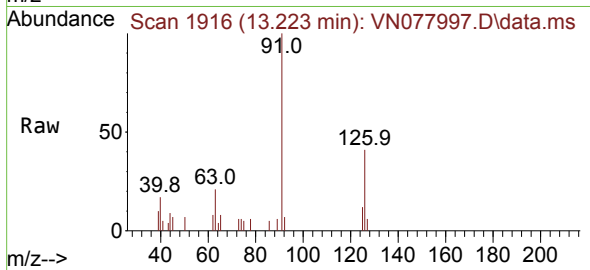
INTERCEPTOR-SUMP-20230526DL

Tgt Ion: 91 Resp: 7152

Ion Ratio Lower Upper

91 100

126 35.8 16.7 50.0



#83

tert-Butylbenzene

Concen: 0.305 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

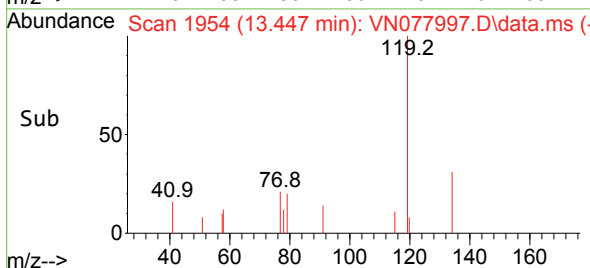
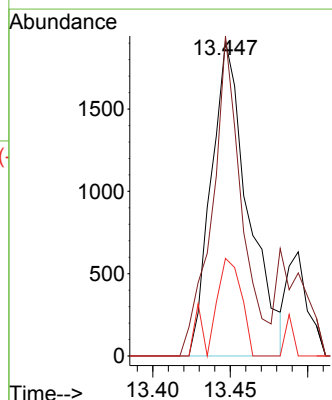
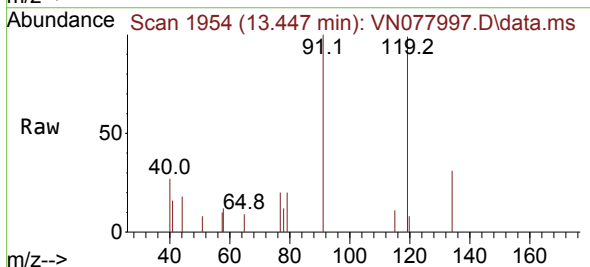
Tgt Ion: 119 Resp: 3167

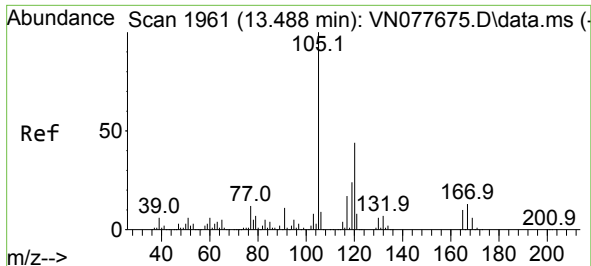
Ion Ratio Lower Upper

119 100

91 81.3 33.9 101.7

134 23.4 13.2 39.6

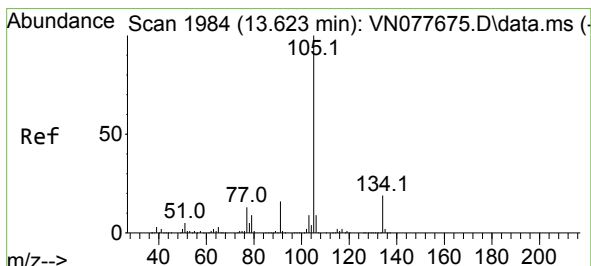
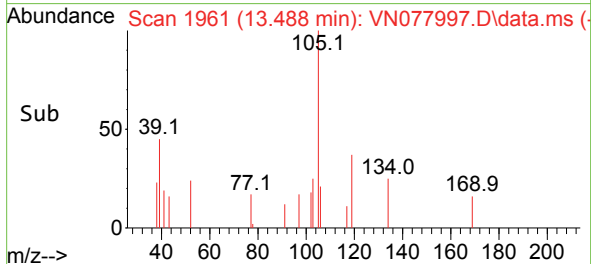
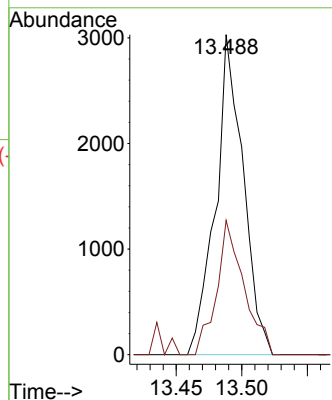
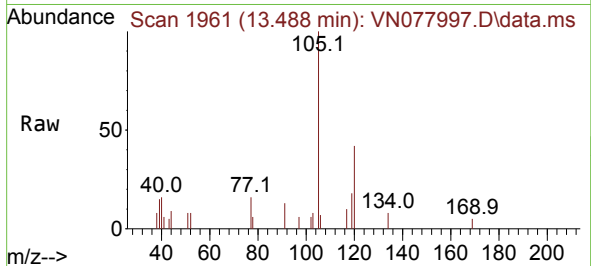




#84
1,2,4-Trimethylbenzene
Concen: 0.379 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

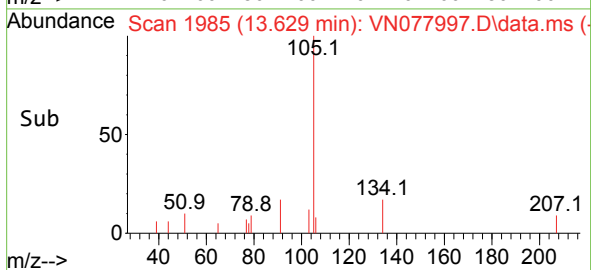
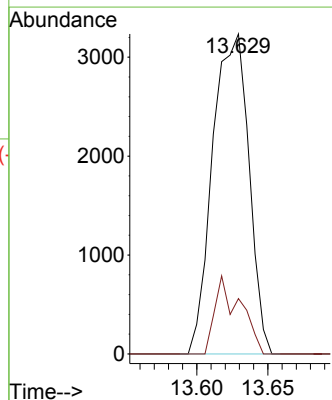
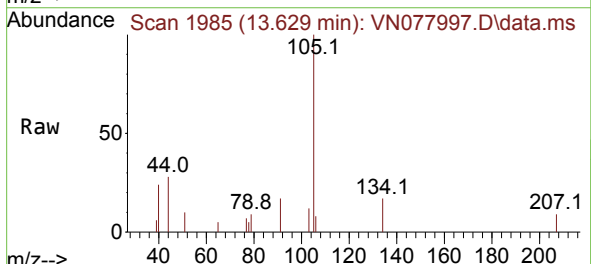
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

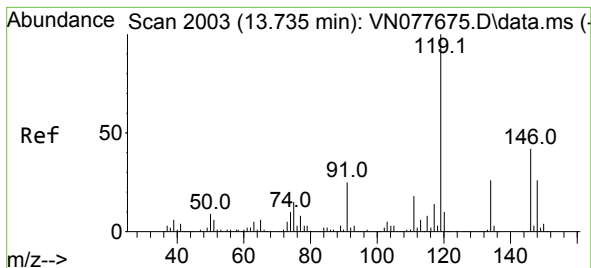
Tgt Ion:105 Resp: 4434
Ion Ratio Lower Upper
105 100
120 41.5 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.389 ug/l
RT: 13.629 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion:105 Resp: 5737
Ion Ratio Lower Upper
105 100
134 17.1 9.8 29.3





#86

p-Isopropyltoluene

Concen: 0.455 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20230526DL

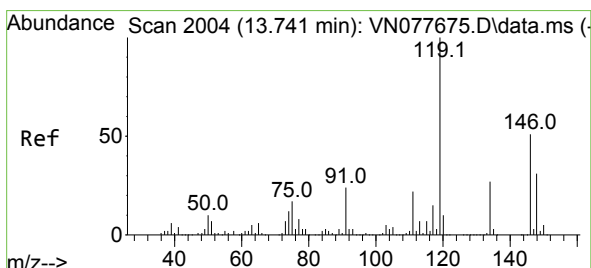
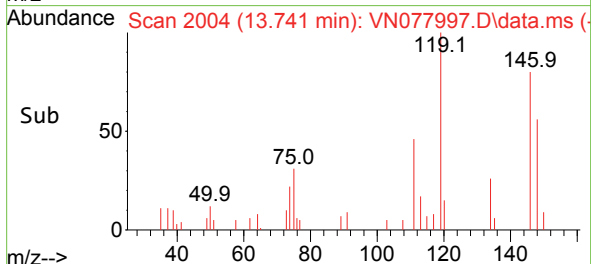
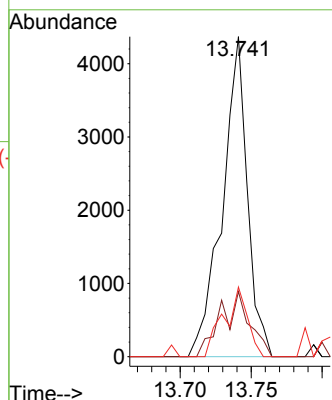
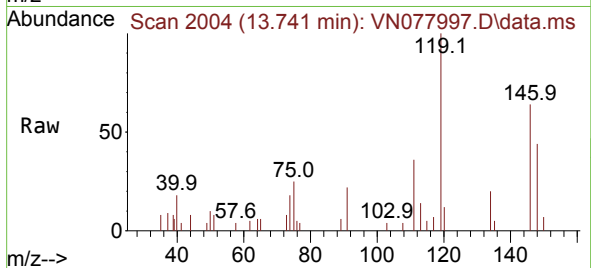
Tgt Ion:119 Resp: 5355

Ion Ratio Lower Upper

119 100

134 23.7 12.6 37.8

91 20.4 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 0.796 ug/l

RT: 13.747 min Scan# 2005

Delta R.T. 0.006 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

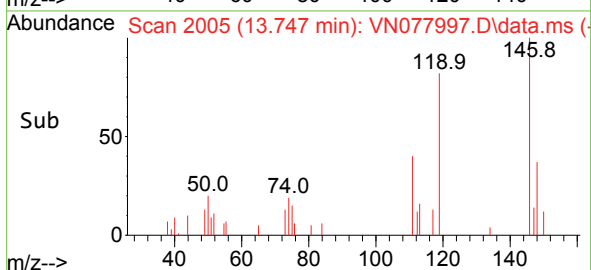
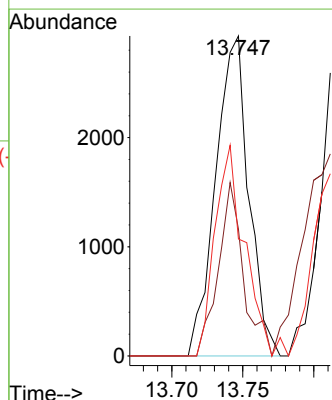
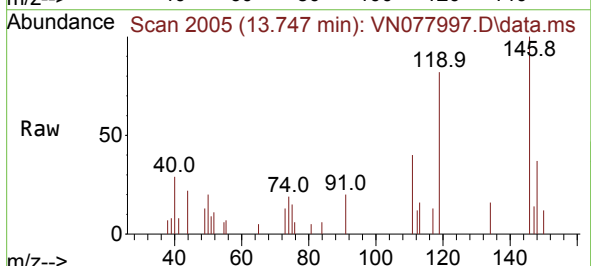
Tgt Ion:146 Resp: 4754

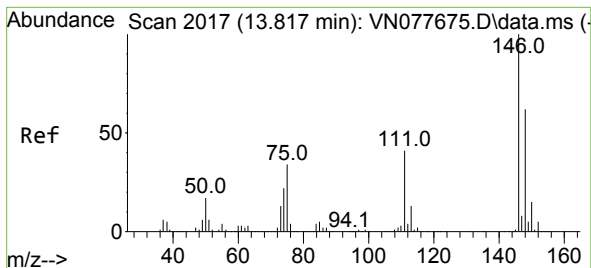
Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.3

148 59.1 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 0.802 ug/l

RT: 13.747 min Scan# 2017

Delta R.T. -0.070 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20230526DL

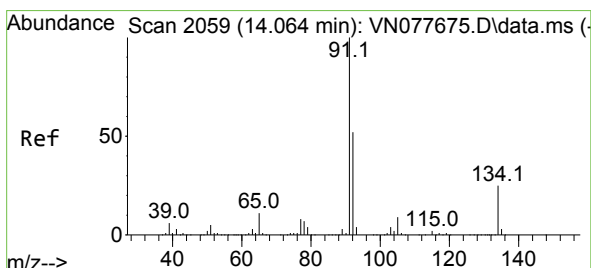
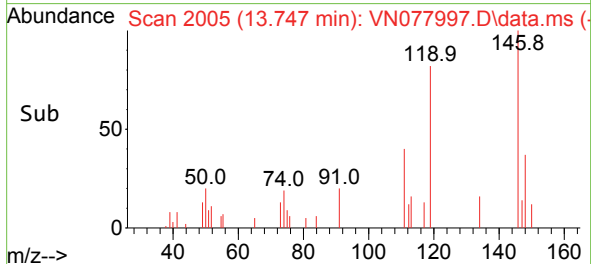
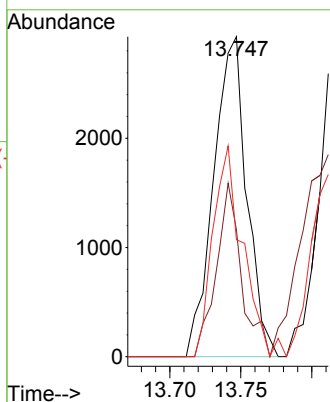
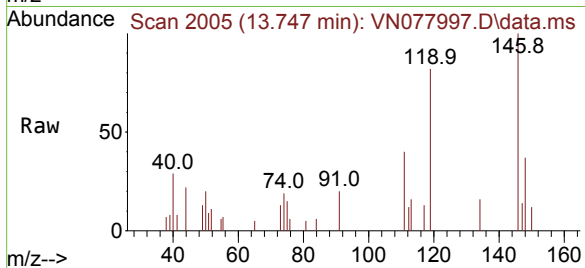
Tgt Ion:146 Resp: 4754

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

148 59.1 31.6 94.8



#89

n-Butylbenzene

Concen: 0.744 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

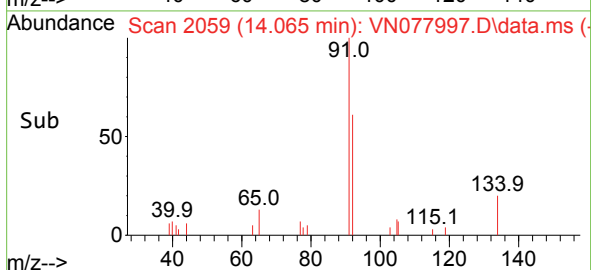
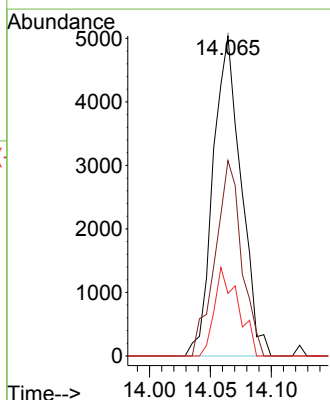
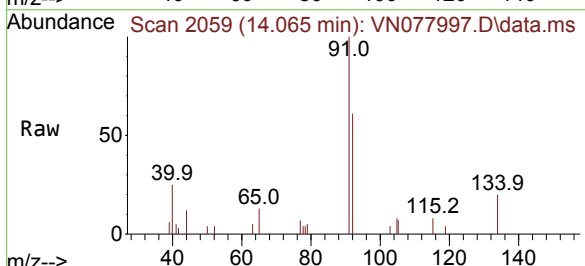
Tgt Ion: 91 Resp: 8046

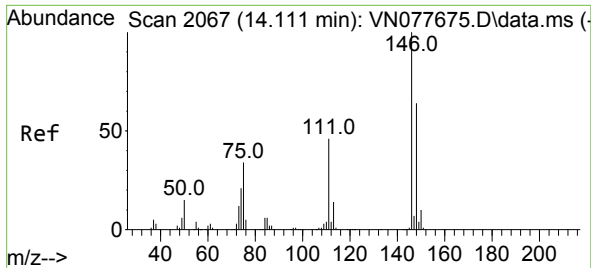
Ion Ratio Lower Upper

91 100

92 57.9 26.4 79.0

134 23.5 12.6 37.6

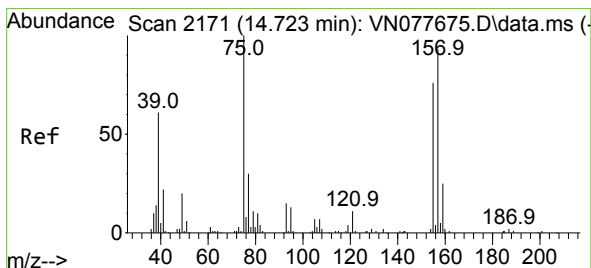
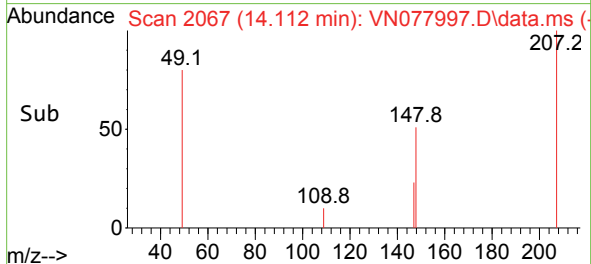
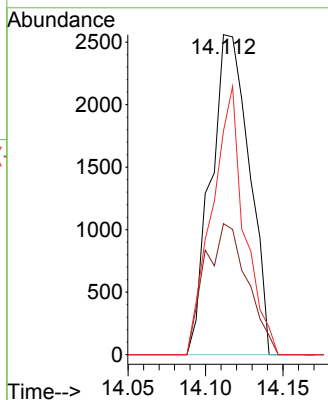
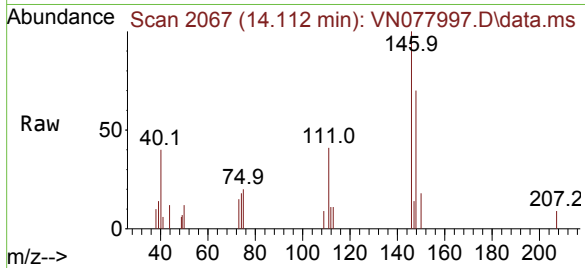




#91
1,2-Dichlorobenzene
Concen: 0.791 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

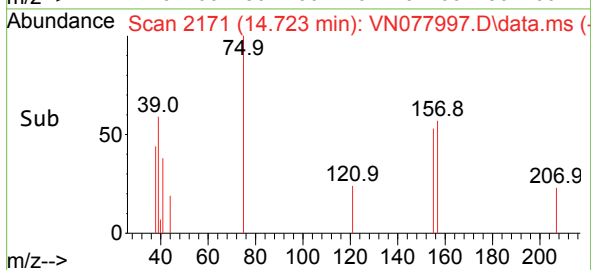
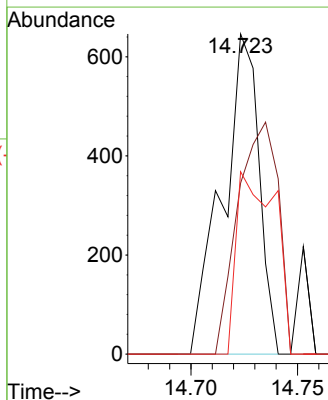
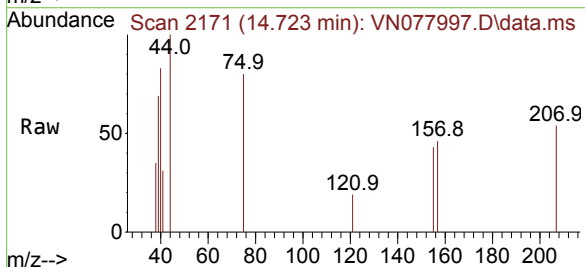
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

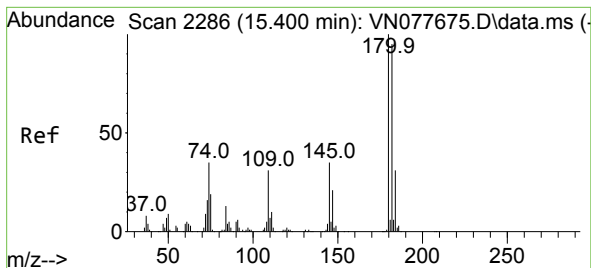
Tgt Ion:	146	Resp:	4413
Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.0	66.0
148	71.3	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.915 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion:	75	Resp:	771
Ion	Ratio	Lower	Upper
75	100		
155	79.9	39.1	117.2
157	60.3	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.535 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077997.D

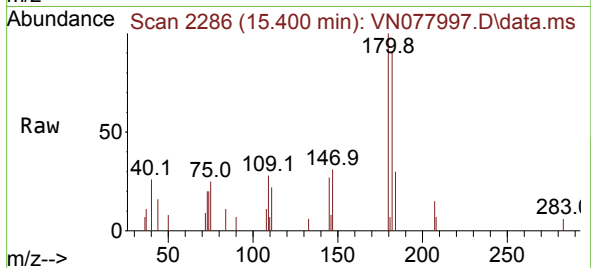
Acq: 31 May 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20230526DL



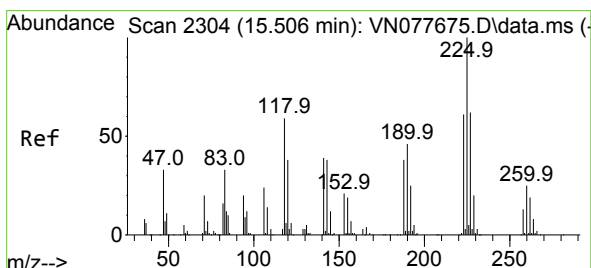
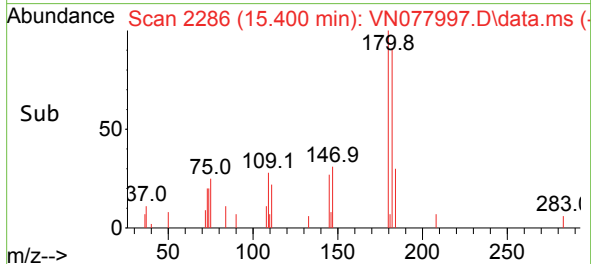
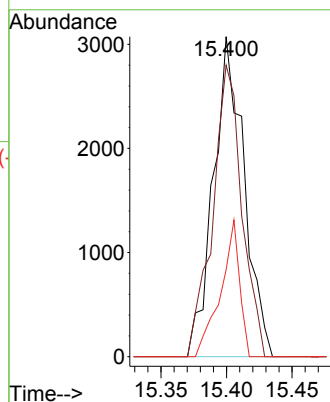
Tgt Ion:180 Resp: 5004

Ion Ratio Lower Upper

180 100

182 86.6 46.1 138.2

145 26.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 2.165 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN077997.D

Acq: 31 May 2023 16:55

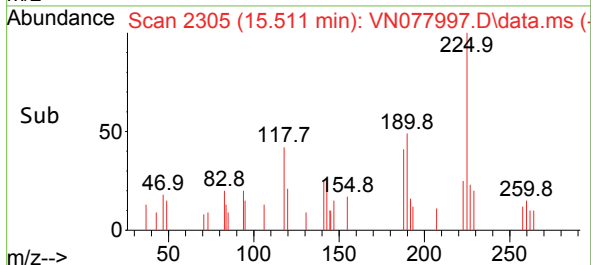
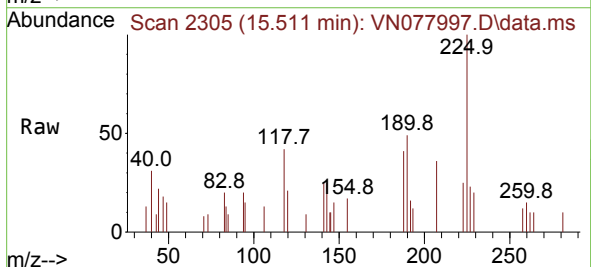
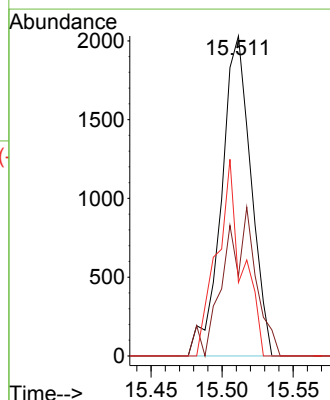
Tgt Ion:225 Resp: 2931

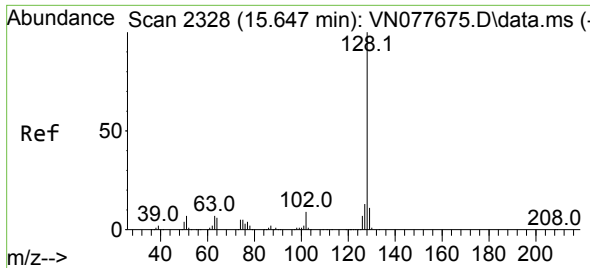
Ion Ratio Lower Upper

225 100

223 49.8 31.3 93.8

227 52.3 31.9 95.9

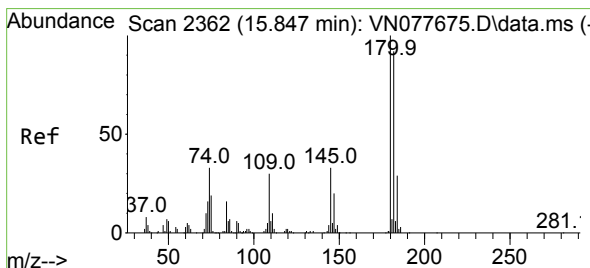
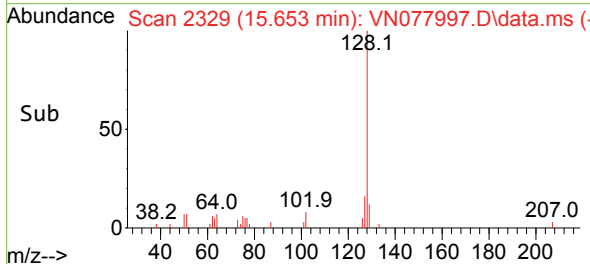
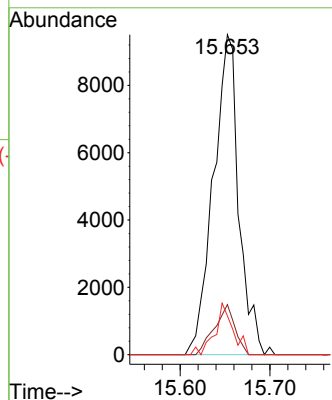
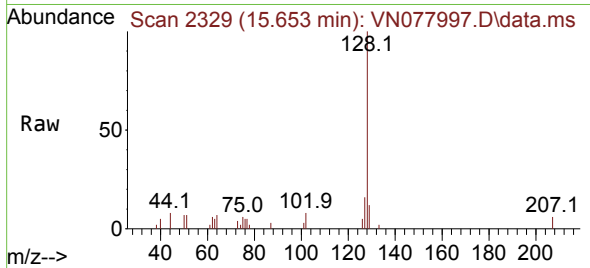




#95
Naphthalene
Concen: 1.672 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

Tgt Ion:128	Resp:	18761
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.0 15.0
129	11.3	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.008 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN077997.D
Acq: 31 May 2023 16:55

Tgt Ion:180	Resp:	6409
Ion Ratio	Lower	Upper
180	100	
182	88.6	46.2 138.6
145	14.5	17.5 52.6#

