

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024038.D
 Acq On : 31 Aug 2021 12:51
 Operator : JC/MD
 Sample : M3584-10 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-SUMP-20210827

Quant Time: Sep 01 05:00:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

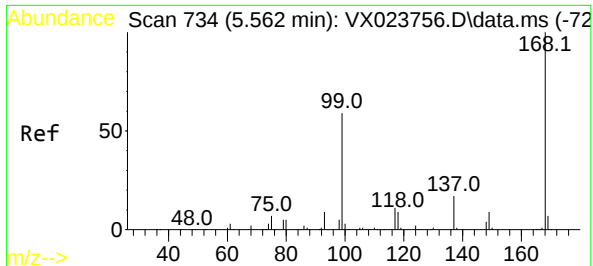
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	146397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	250100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	231691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	107988	52.851	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.700%		
35) Dibromofluoromethane	5.397	113	82742	49.985	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.960%		
50) Toluene-d8	8.653	98	304048	48.259	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.520%		
62) 4-Bromofluorobenzene	11.085	95	110257	47.538	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.080%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	339	0.326	ug/l	85
6) Chloroethane	1.672	64	93	2.282	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	348	0.237	ug/l	92
10) Methyl Iodide	2.471	142	571	0.279	ug/l #	90
11) Tert butyl alcohol	2.953	59	12272	29.699	ug/l #	75
12) 1,1-Dichloroethene	2.319	96	808	0.575	ug/l #	79
15) Acrylonitrile	2.959	53	188	0.204	ug/l #	18
16) Acetone	2.386	43	3361	3.679	ug/l	94
20) Methylene Chloride	2.800	84	1667	0.955	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	1046	0.697	ug/l	89
25) 2-Butanone	4.599	43	1732	1.252	ug/l #	67
26) 2,2-Dichloropropane	4.599	77	1872	0.795	ug/l #	52
27) cis-1,2-Dichloroethene	4.495	96	38502	21.561	ug/l	95
31) Cyclohexane	5.556	56	3541	1.349	ug/l #	13
36) 1,1-Dichloropropene	5.562	75	12034	5.196	ug/l #	49
37) Ethyl Acetate	4.745	43	692	0.243	ug/l #	64
38) Carbon Tetrachloride	5.562	117	15309	6.339	ug/l #	17
39) Methylcyclohexane	7.141	83	2315	0.821	ug/l #	1
44) Trichloroethene	7.135	130	186164	98.401	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	662	0.230	ug/l #	83
60) Dibromochloromethane	9.281	129	22	1.699	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60408	26.920	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	60408	79.186	ug/l #	12
95) Naphthalene	13.786	128	97	1.296	ug/l #	69

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

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Quant Title : SW846 8260
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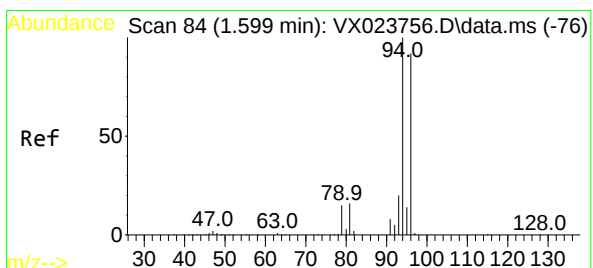
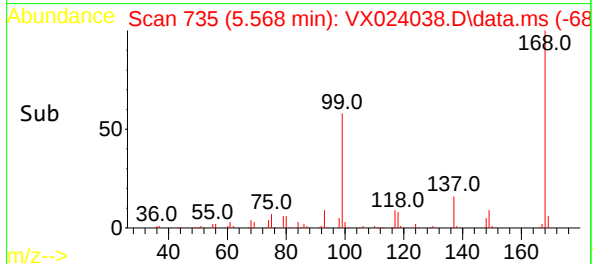
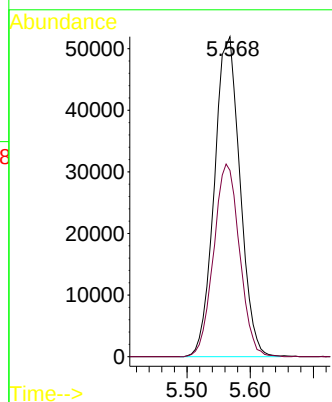
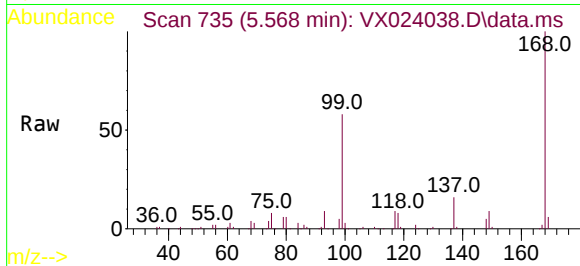




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

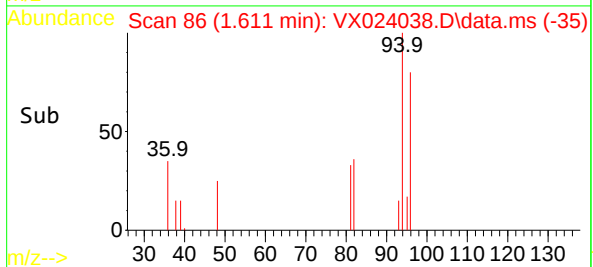
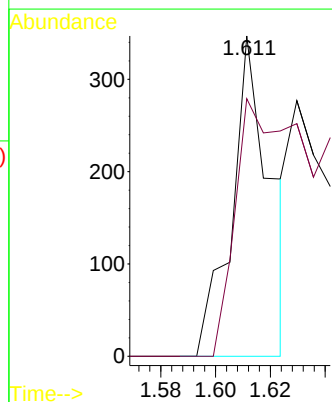
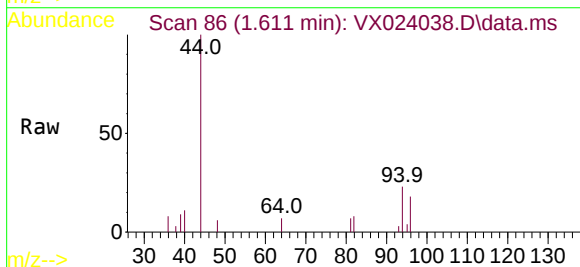
Instrument :
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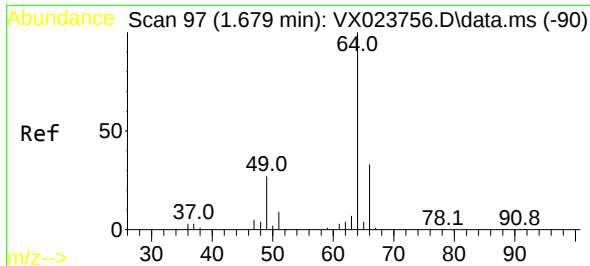
Tgt Ion:168 Resp: 146397
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.326 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 80.4 76.4 114.6

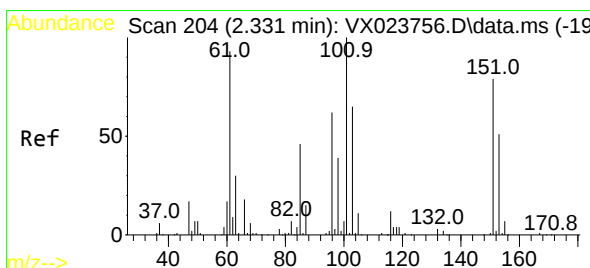
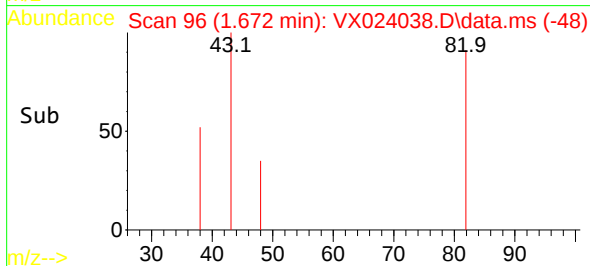
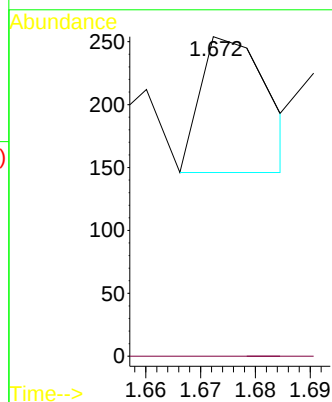
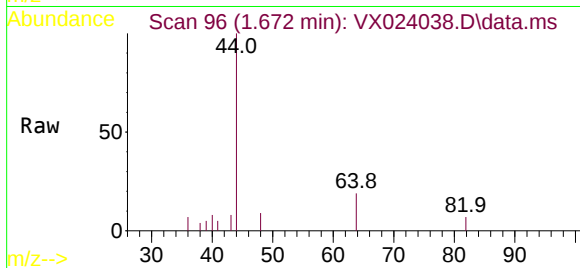




#6
Chloroethane
Concen: 2.282 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

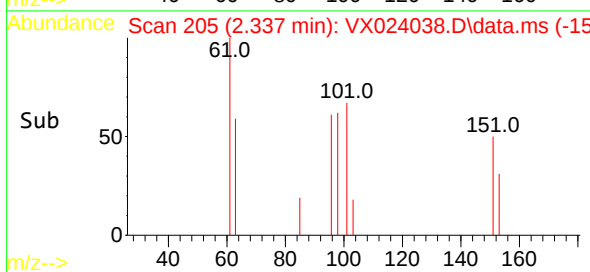
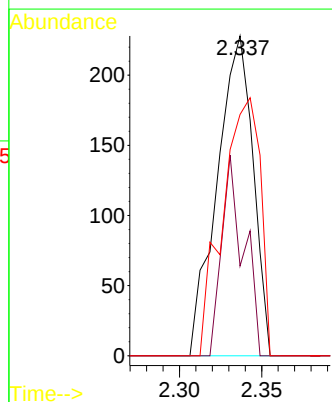
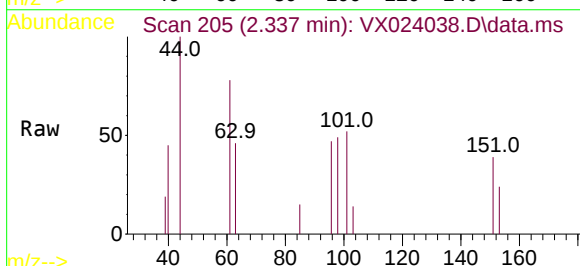
Instrument :
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ClientSampleId :
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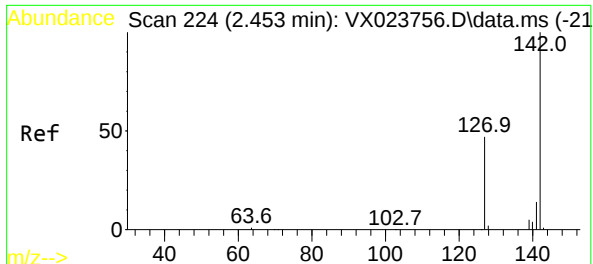
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.237 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 101 Resp: 348
Ion Ratio Lower Upper
101 100
85 38.2 34.9 52.3
151 83.9 61.4 92.2

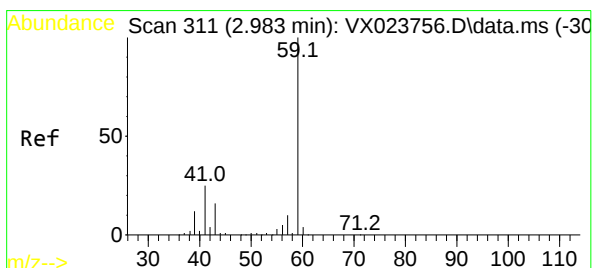
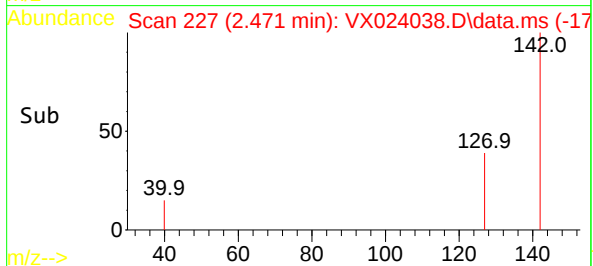
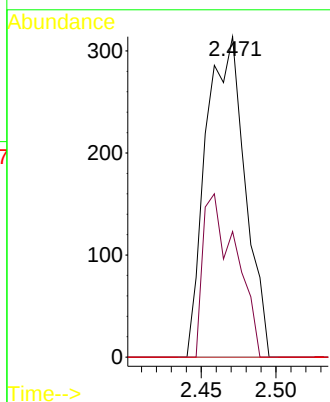
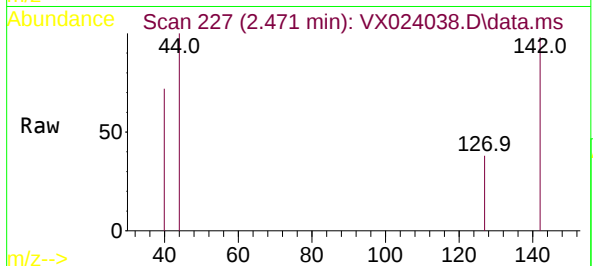




#10
Methyl Iodide
Concen: 0.279 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

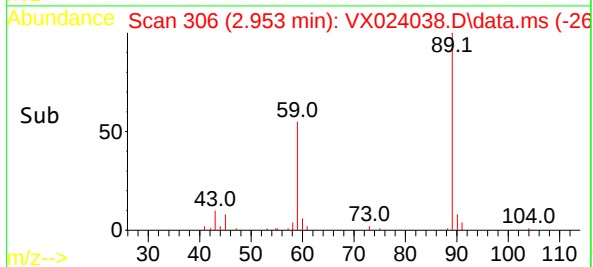
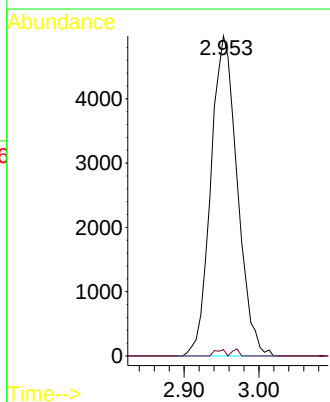
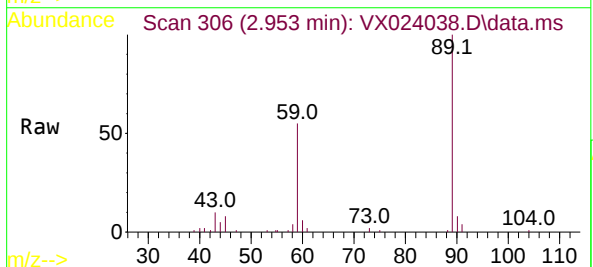
Instrument :
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ClientSampleId :
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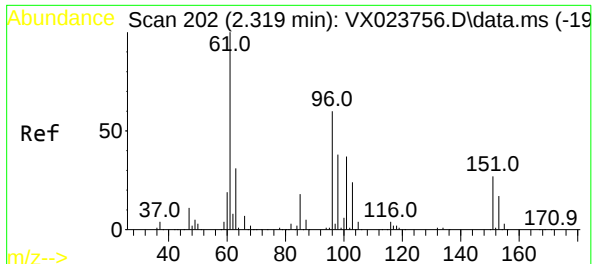
Tgt Ion:142 Resp: 571
Ion Ratio Lower Upper
142 100
127 42.7 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 29.699 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 59 Resp: 12272
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.575 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX024038.D

Acq: 31 Aug 2021 12:51

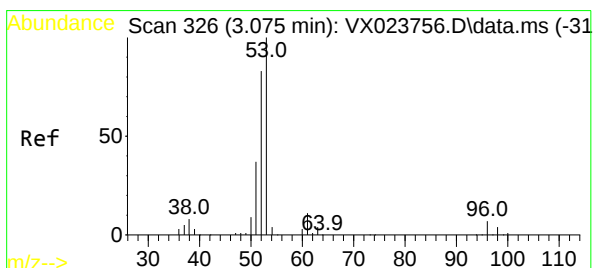
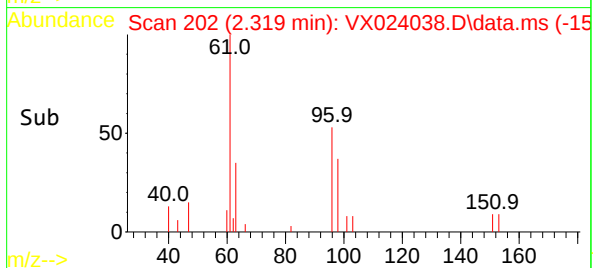
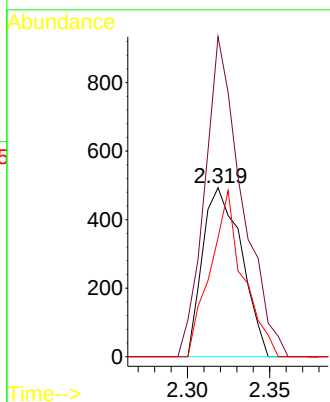
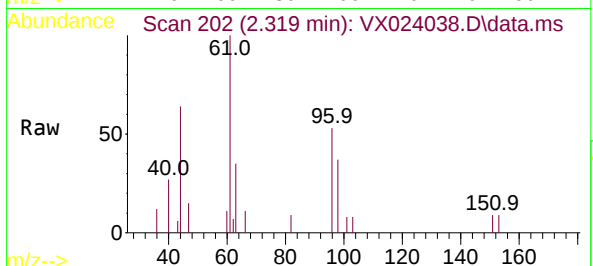
Tgt Ion: 96 Resp: 808

Ion Ratio Lower Upper

96 100

61 189.5 124.6 187.0#

98 70.4 50.6 76.0



#15

Acrylonitrile

Concen: 0.204 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.116 min

Lab File: VX024038.D

Acq: 31 Aug 2021 12:51

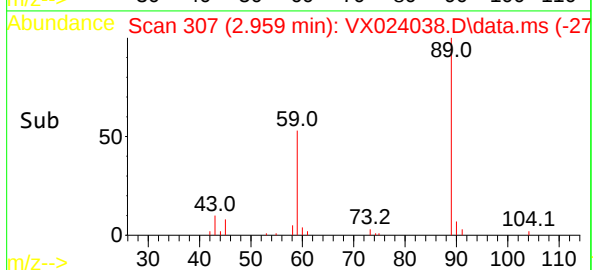
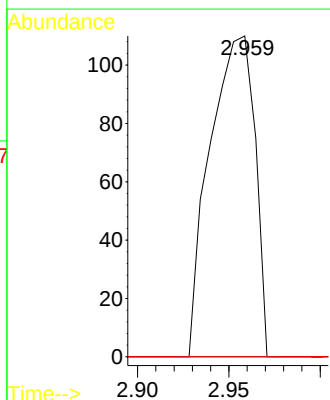
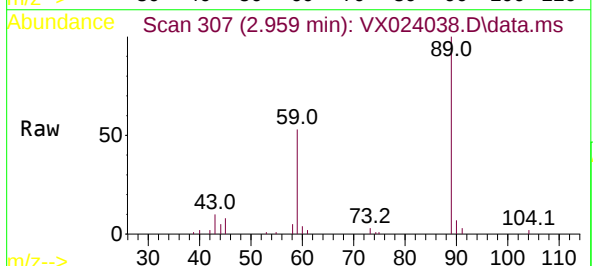
Tgt Ion: 53 Resp: 188

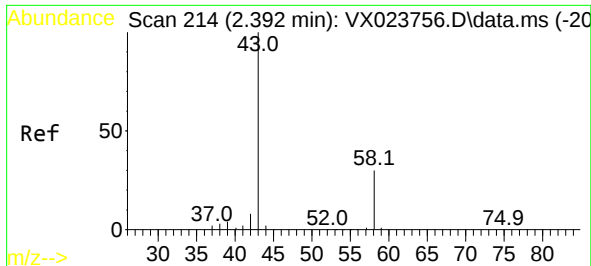
Ion Ratio Lower Upper

53 100

52 0.0 65.3 97.9#

51 0.0 28.2 42.2#

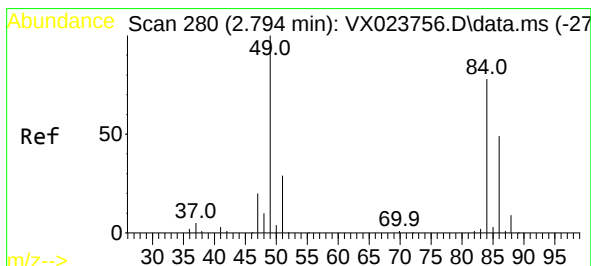
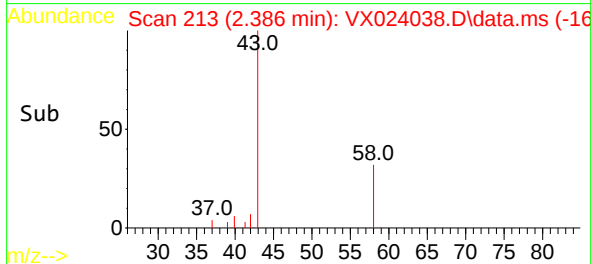
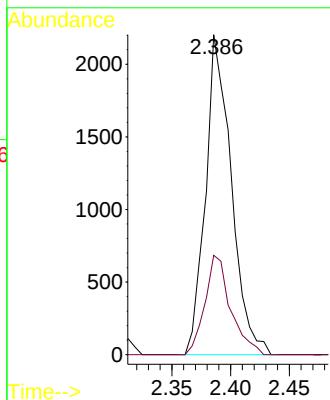
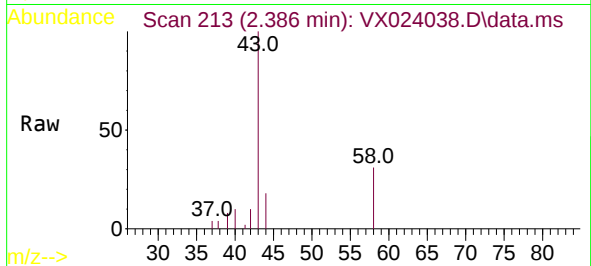




#16
Acetone
Concen: 3.679 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

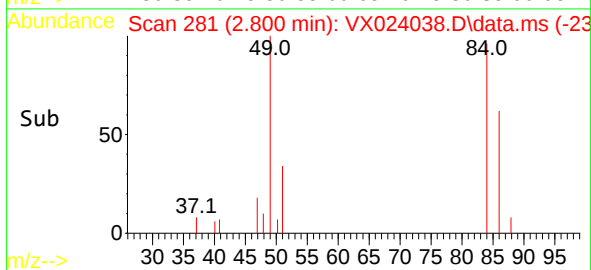
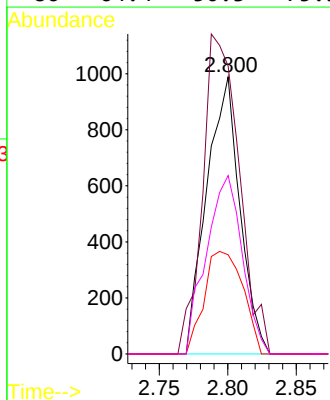
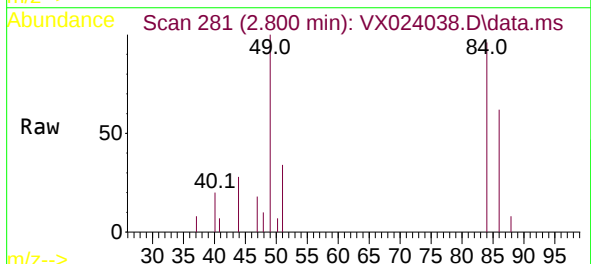
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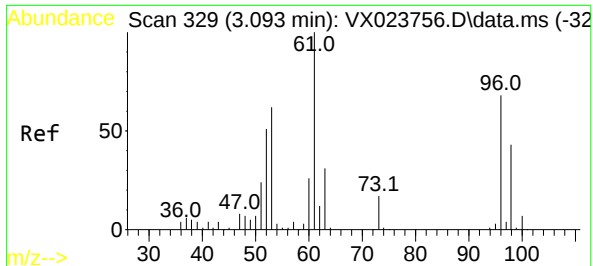
Tgt Ion: 43 Resp: 3361
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.955 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 84 Resp: 1667
Ion Ratio Lower Upper
84 100
49 103.9 88.6 132.8
51 35.8 27.0 40.6
86 64.4 50.3 75.5

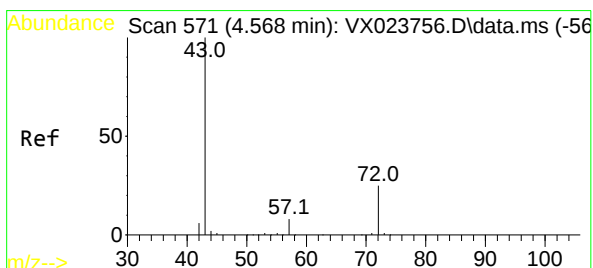
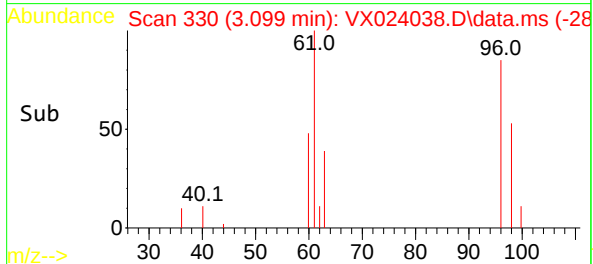
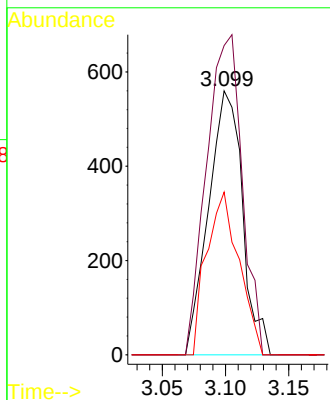
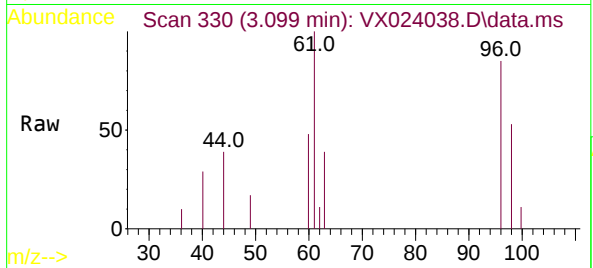




#21
trans-1,2-Dichloroethene
Concen: 0.697 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

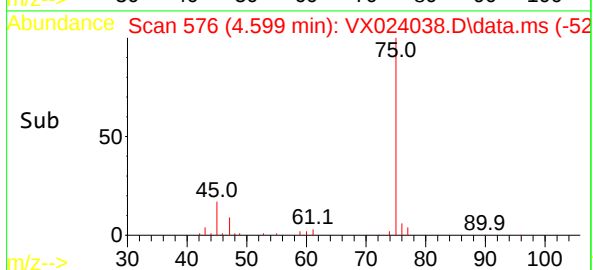
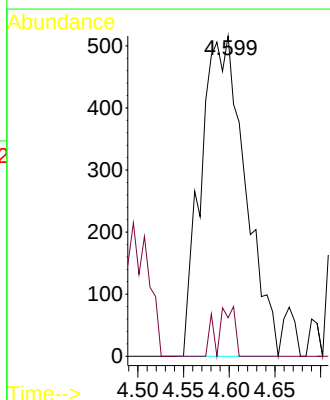
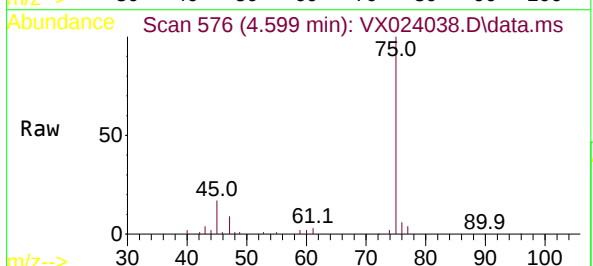
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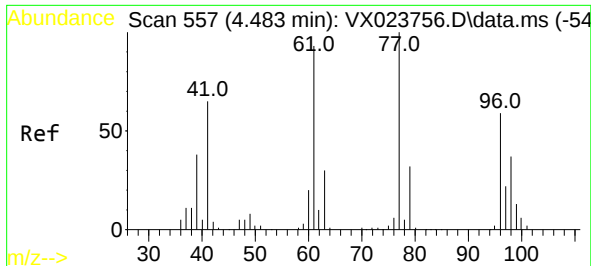
Tgt Ion: 96 Resp: 1046
Ion Ratio Lower Upper
96 100
61 117.1 107.7 161.5
98 61.6 50.4 75.6



#25
2-Butanone
Concen: 1.252 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
72 12.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.795 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.116 min

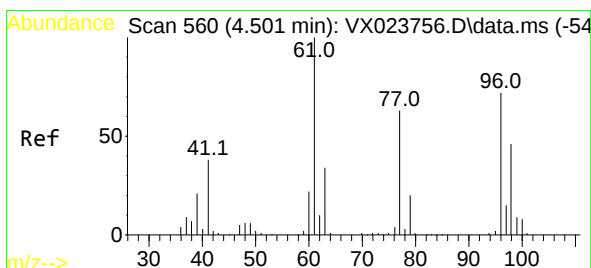
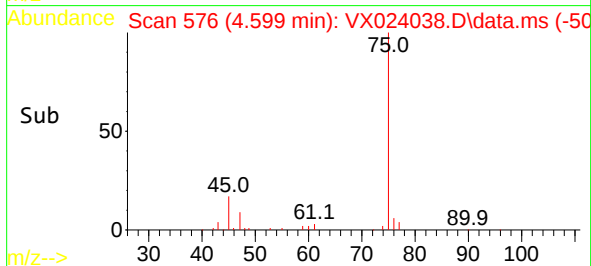
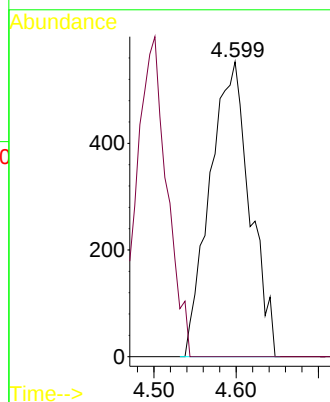
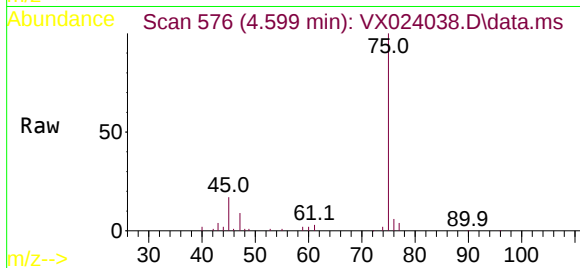
Lab File: VX024038.D

Acq: 31 Aug 2021 12:51

Tgt Ion: 77 Resp: 1872

Ion Ratio Lower Upper

77 100
97 0.0 11.7 35.1#



#27

cis-1,2-Dichloroethene

Concen: 21.561 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.006 min

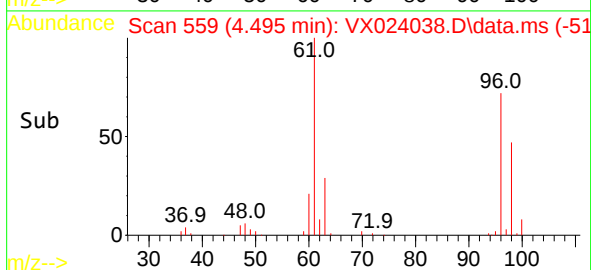
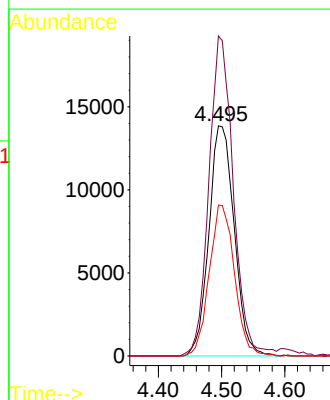
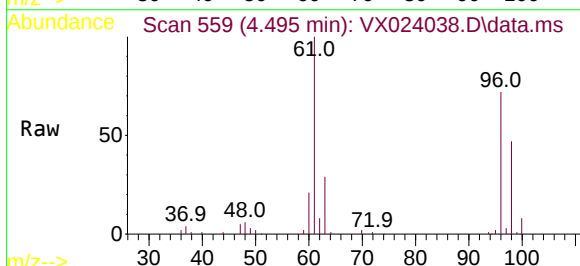
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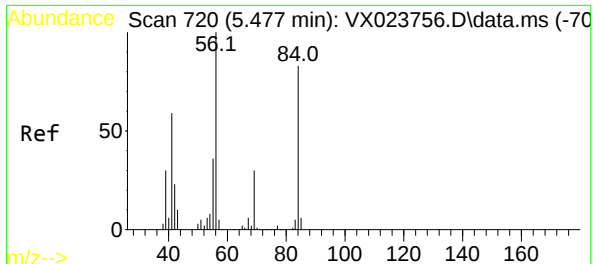
Acq: 31 Aug 2021 12:51

Tgt Ion: 96 Resp: 38502

Ion Ratio Lower Upper

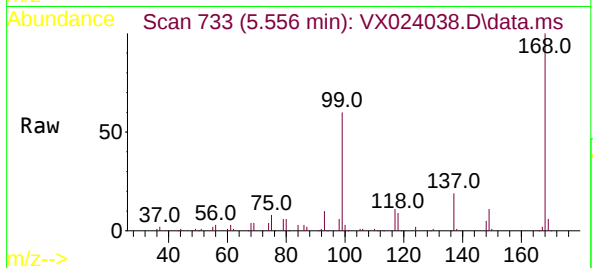
96 100
61 133.9 0.0 285.6
98 65.3 0.0 129.6



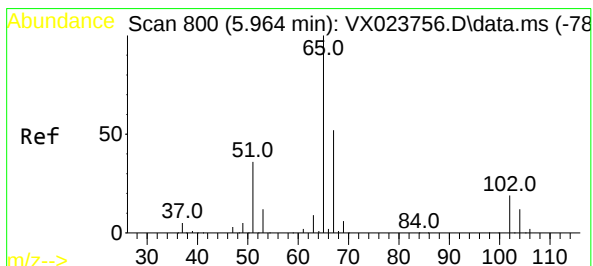
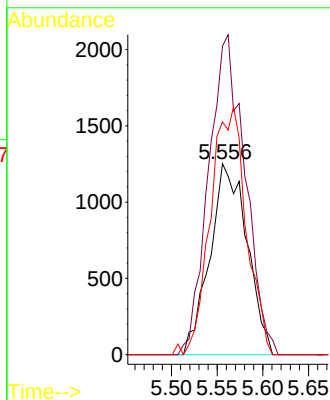
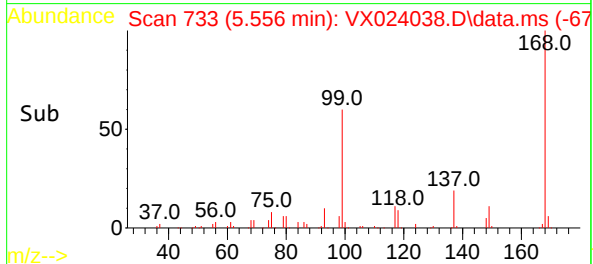


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

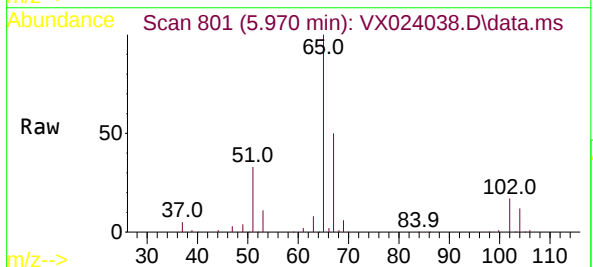
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827



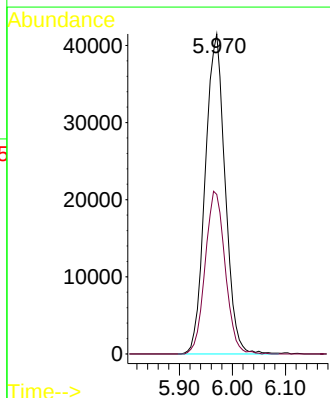
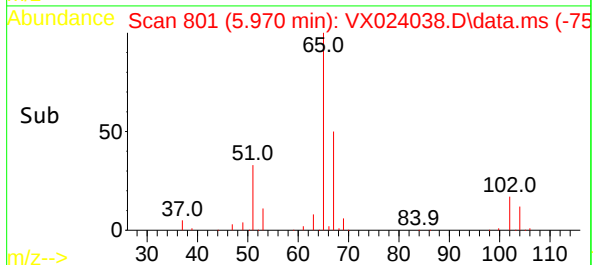
Tgt Ion: 56 Resp: 3541
Ion Ratio Lower Upper
56 100
69 161.5 25.3 37.9#
84 121.8 71.4 107.0#

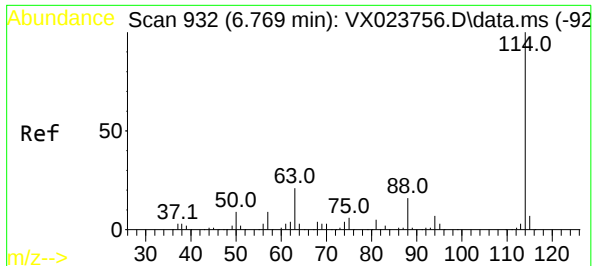


#33
1,2-Dichloroethane-d4
Concen: 52.851 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51



Tgt Ion: 65 Resp: 107988
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

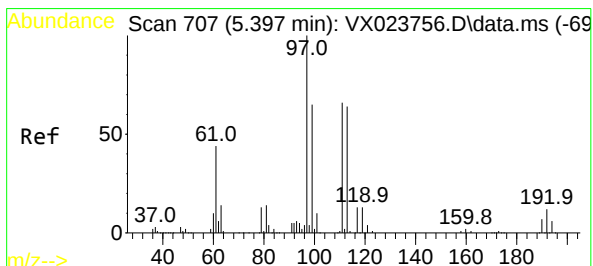
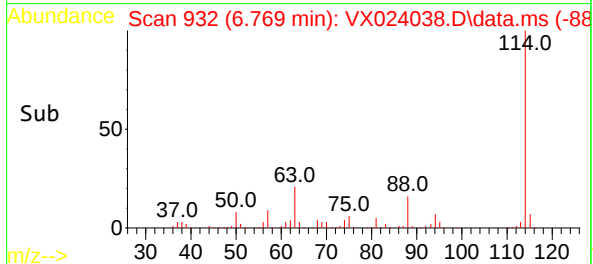
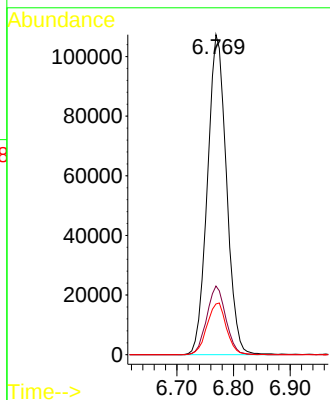
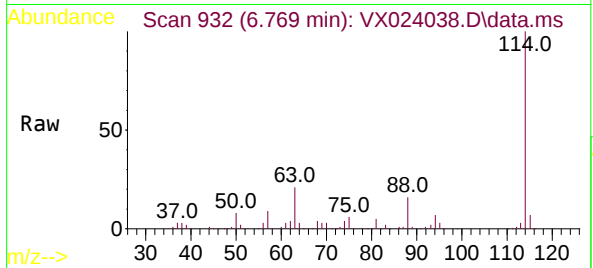




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

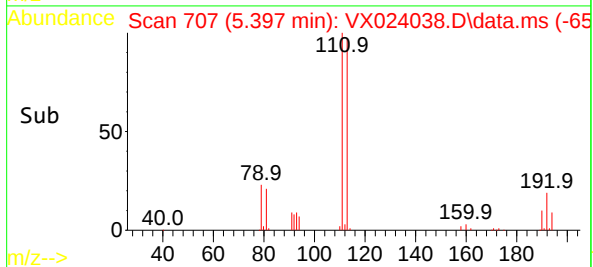
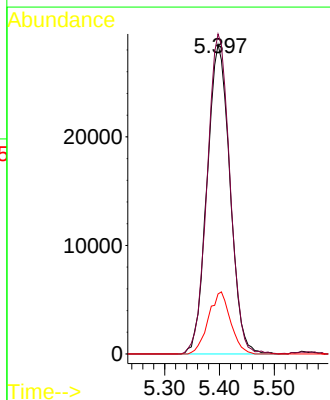
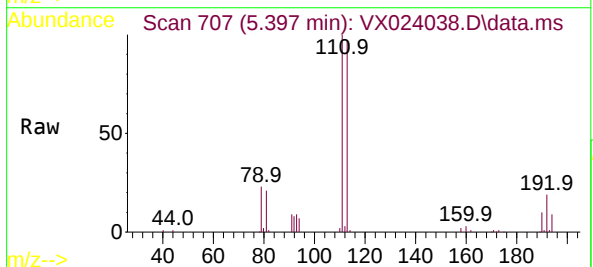
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

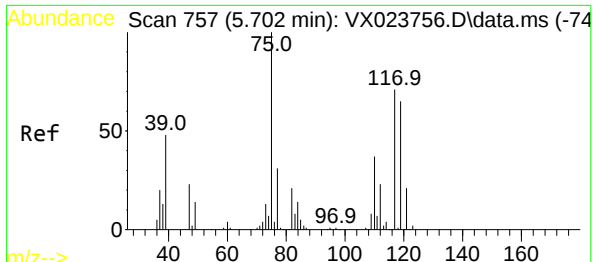
Tgt Ion:114 Resp: 250100
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.985 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

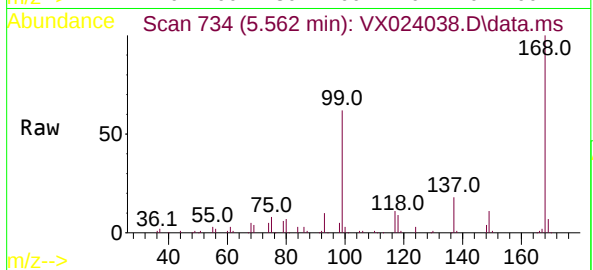
Tgt Ion:113 Resp: 82742
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.3 16.7 25.1



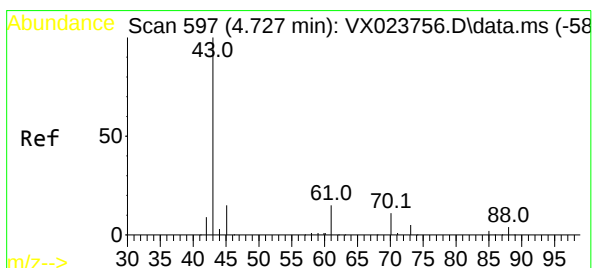
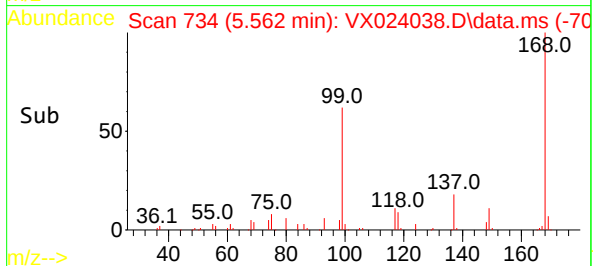
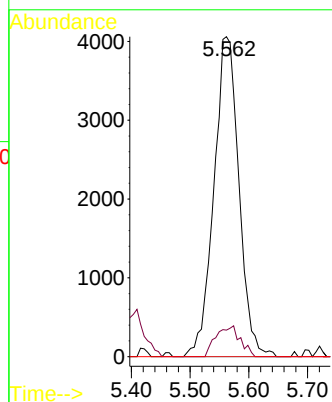


#36
1,1-Dichloropropene
Concen: 5.196 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

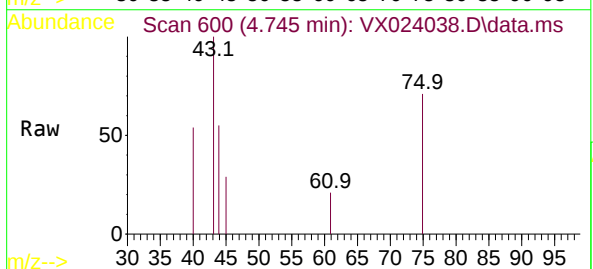
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827



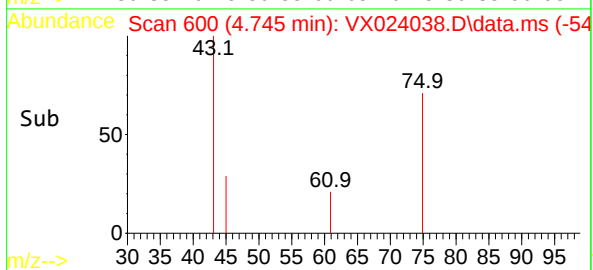
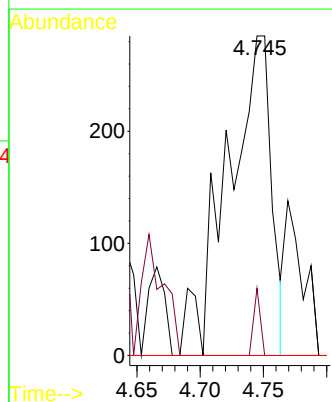
Tgt Ion: 75 Resp: 12034
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#

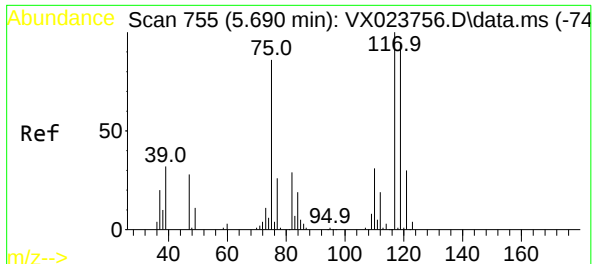


#37
Ethyl Acetate
Concen: 0.243 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.018 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51



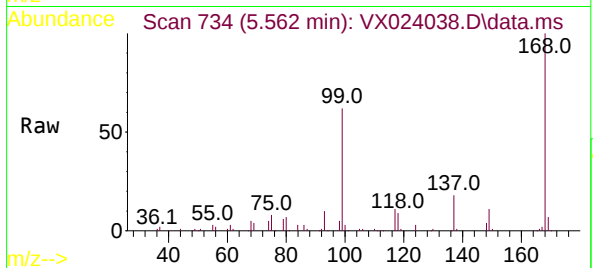
Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



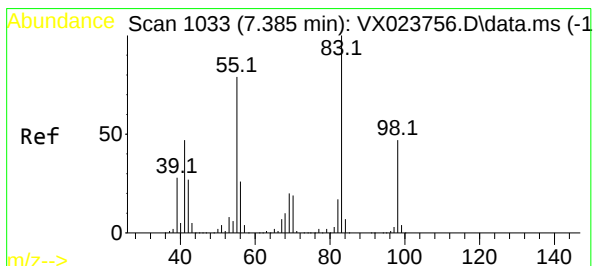
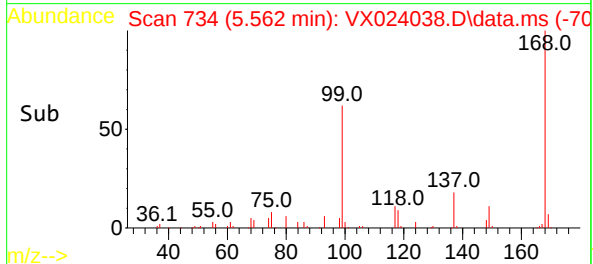
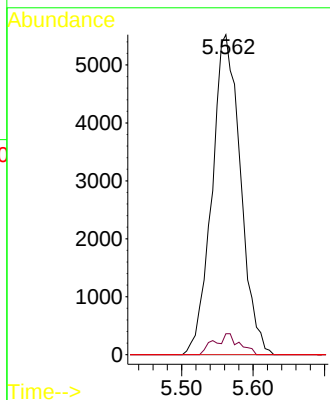


#38
Carbon Tetrachloride
Concen: 6.339 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

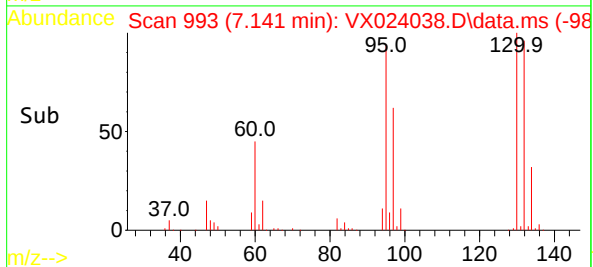
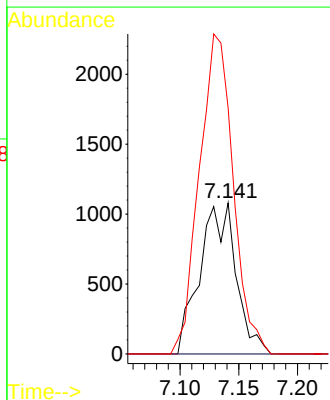
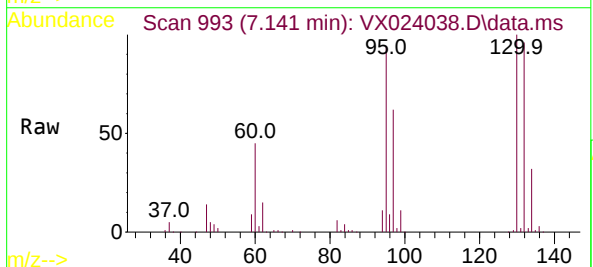


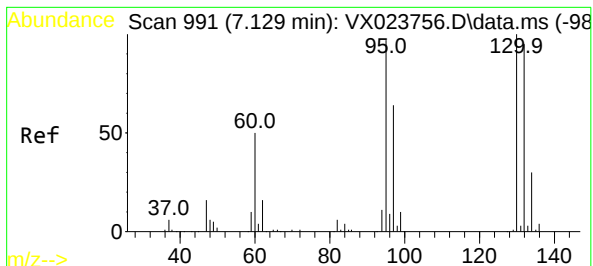
Tgt Ion:117 Resp: 15309
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.821 ug/l
RT: 7.141 min Scan# 993
Delta R.T. -0.244 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 83 Resp: 2315
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 163.0 38.1 57.1#





#44

Trichloroethene

Concen: 98.401 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX024038.D

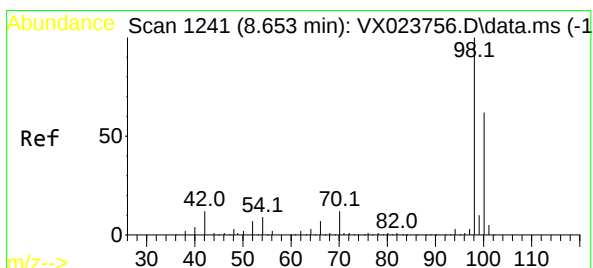
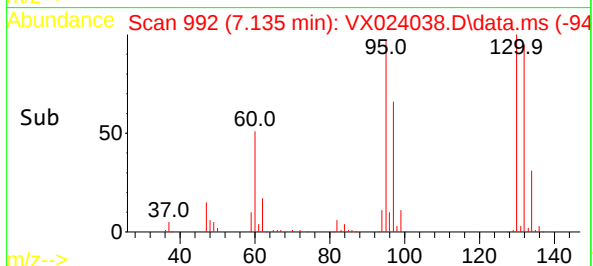
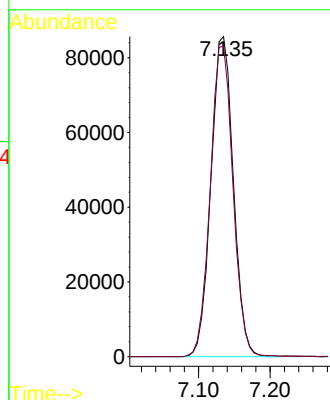
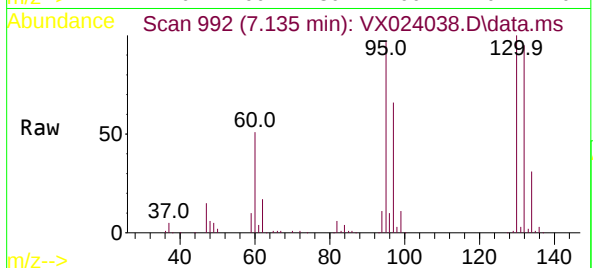
Acq: 31 Aug 2021 12:51

Tgt Ion:130 Resp: 186164

Ion Ratio Lower Upper

130 100

95 97.1 0.0 198.0



#50

Toluene-d8

Concen: 48.259 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024038.D

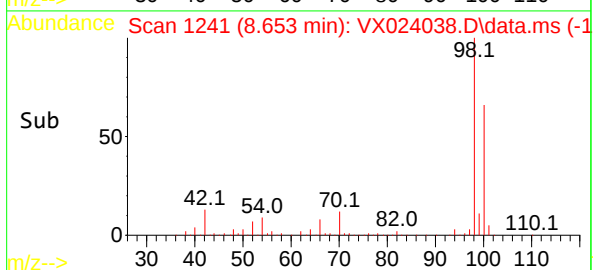
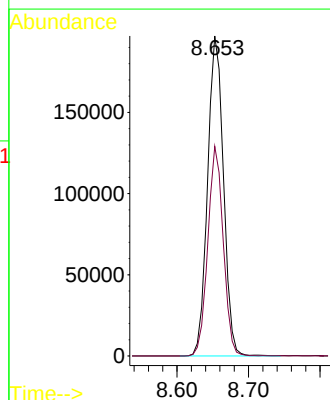
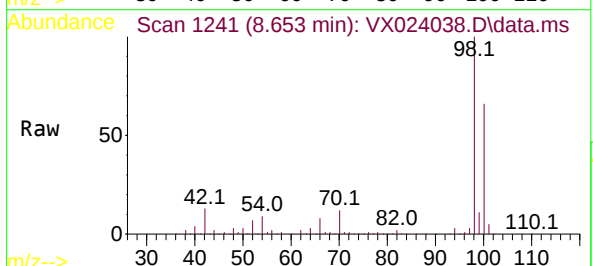
Acq: 31 Aug 2021 12:51

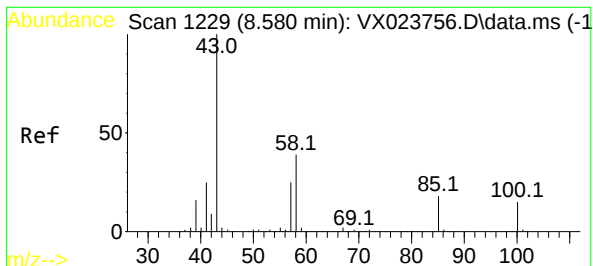
Tgt Ion: 98 Resp: 304048

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9

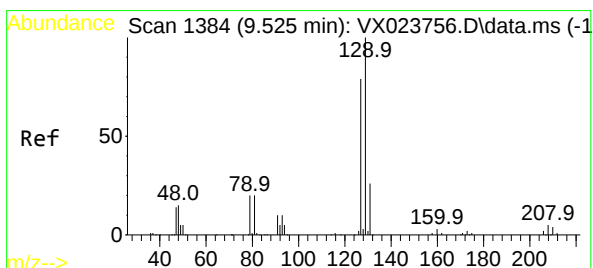
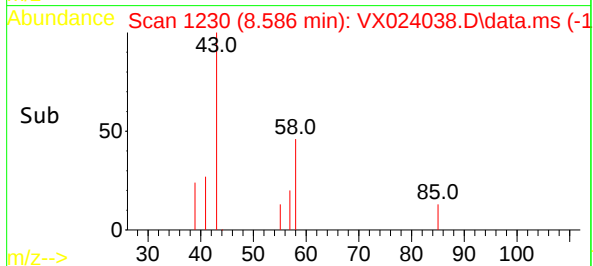
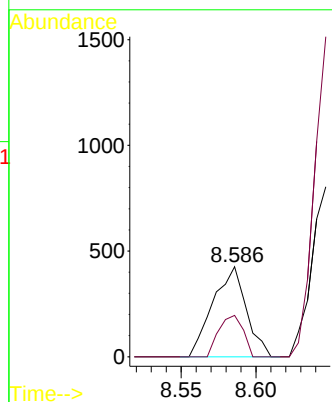
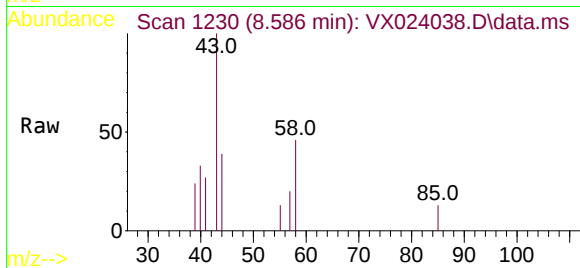




#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

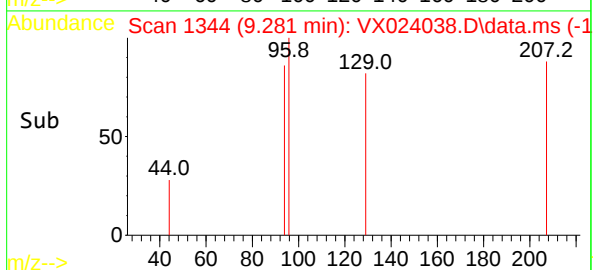
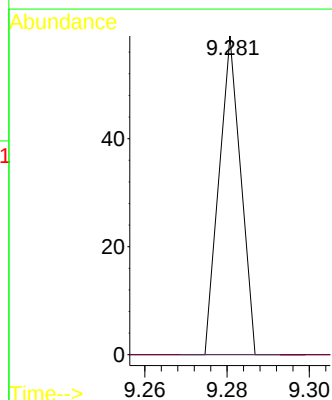
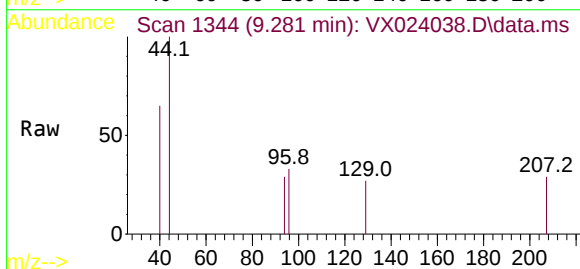
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

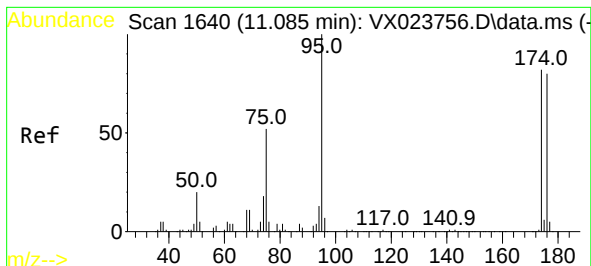
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 33.4 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.699 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

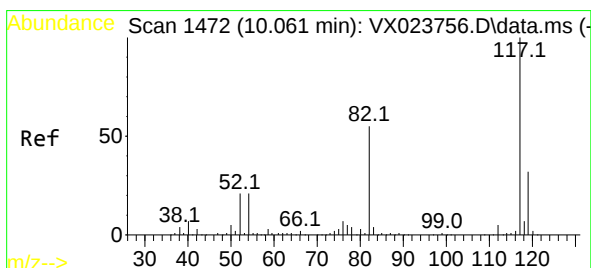
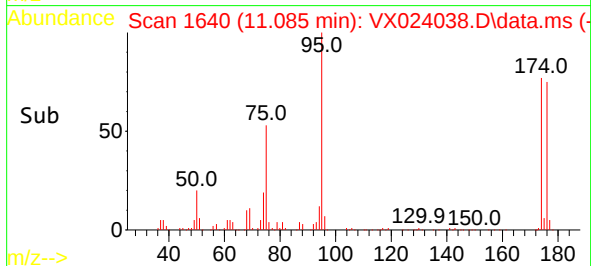
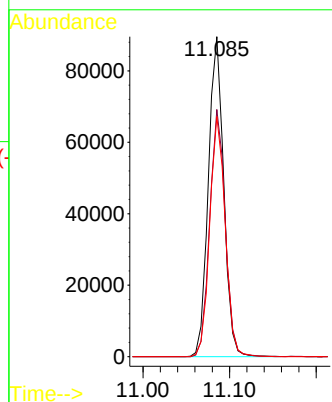
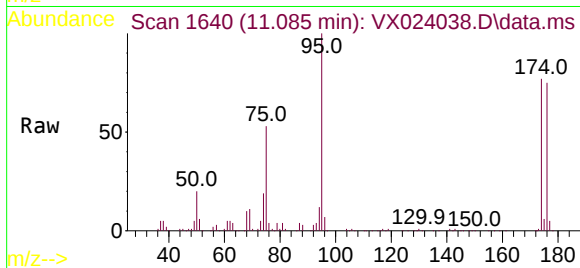




#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

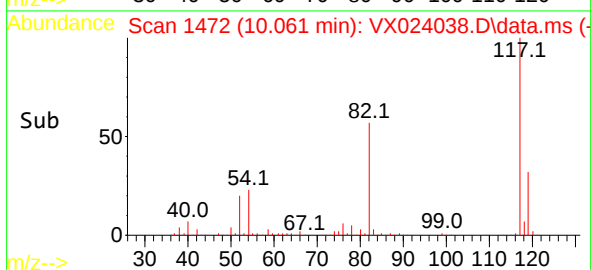
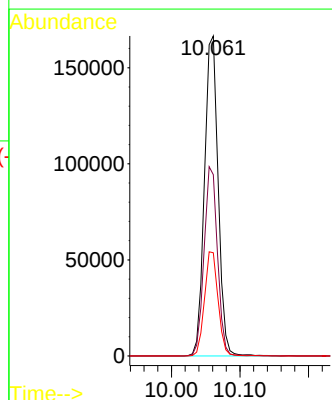
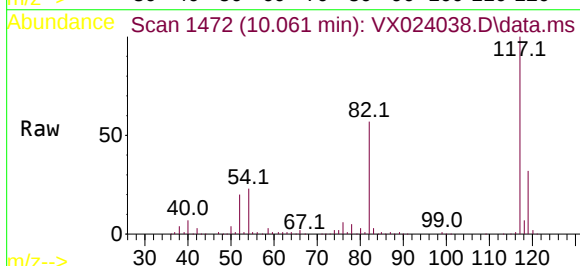
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

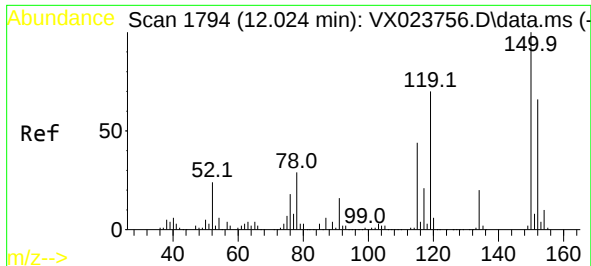
Tgt Ion: 95 Resp: 110257
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 117 Resp: 231691
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.3 26.6 39.8

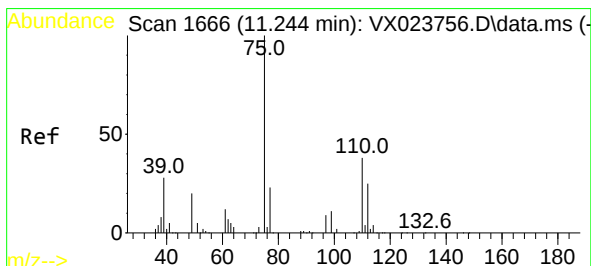
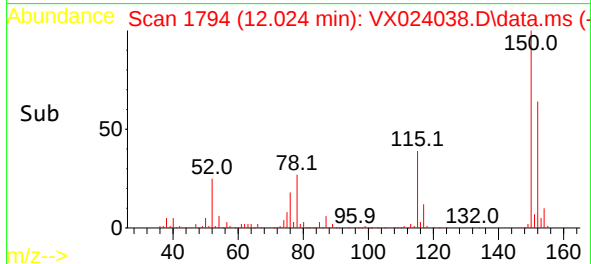
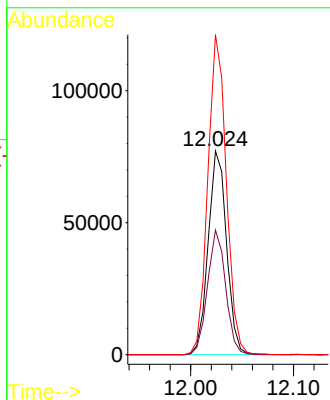
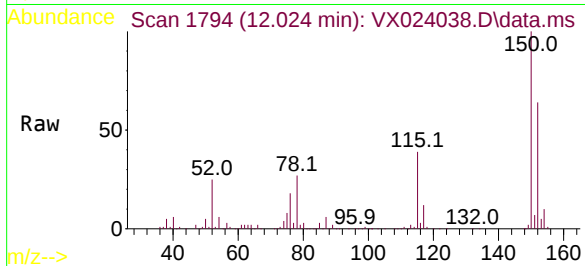




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

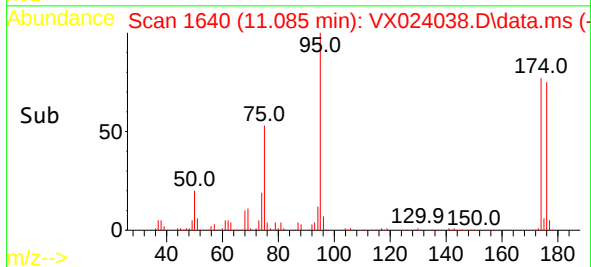
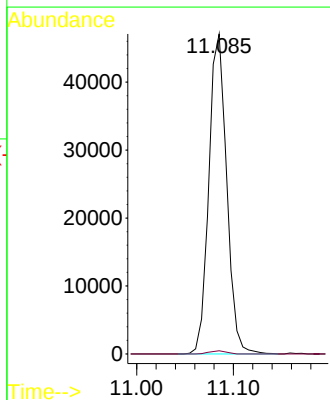
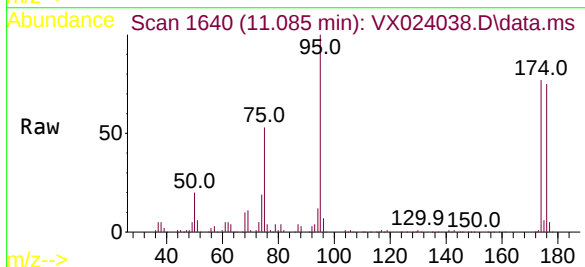
Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

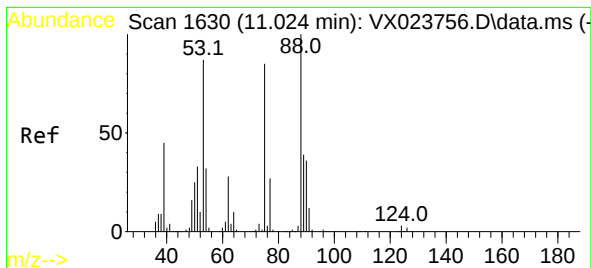
Tgt Ion:152 Resp: 96195
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 157.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.920 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 75 Resp: 60408
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

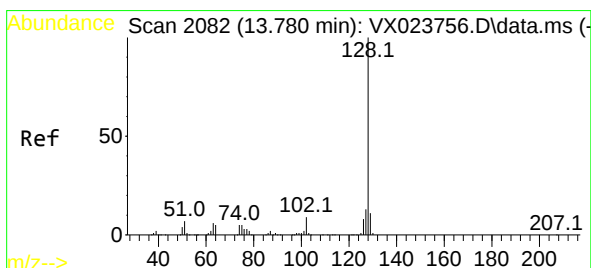
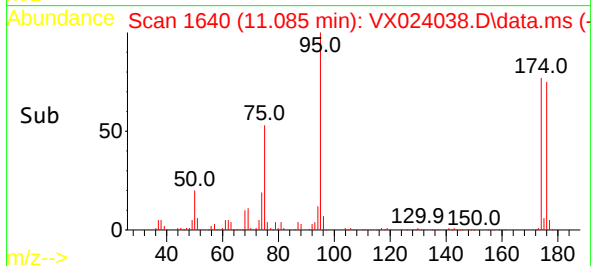
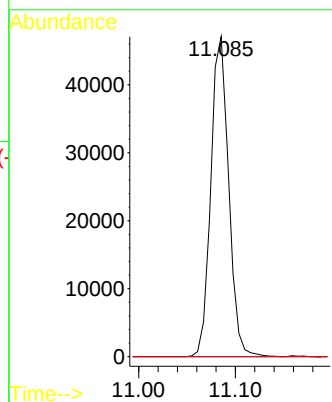
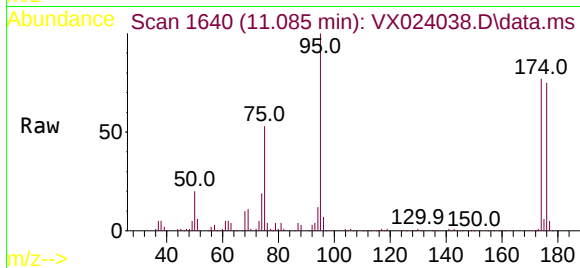




#81
trans-1,4-Dichloro-2-butene
Concen: 79.186 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Instrument :
MSVOA_X
ClientSampleId :
INTERCEPTOR-SUMP-20210827

Tgt Ion: 75 Resp: 60408
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.296 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024038.D
Acq: 31 Aug 2021 12:51

Tgt Ion: 128 Resp: 97
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

