

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024553.D
 Acq On : 05 Oct 2021 05:16
 Operator : JC/MD
 Sample : M4047-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 149-ENV-1-COMPOSITE

Quant Time: Oct 05 08:35:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

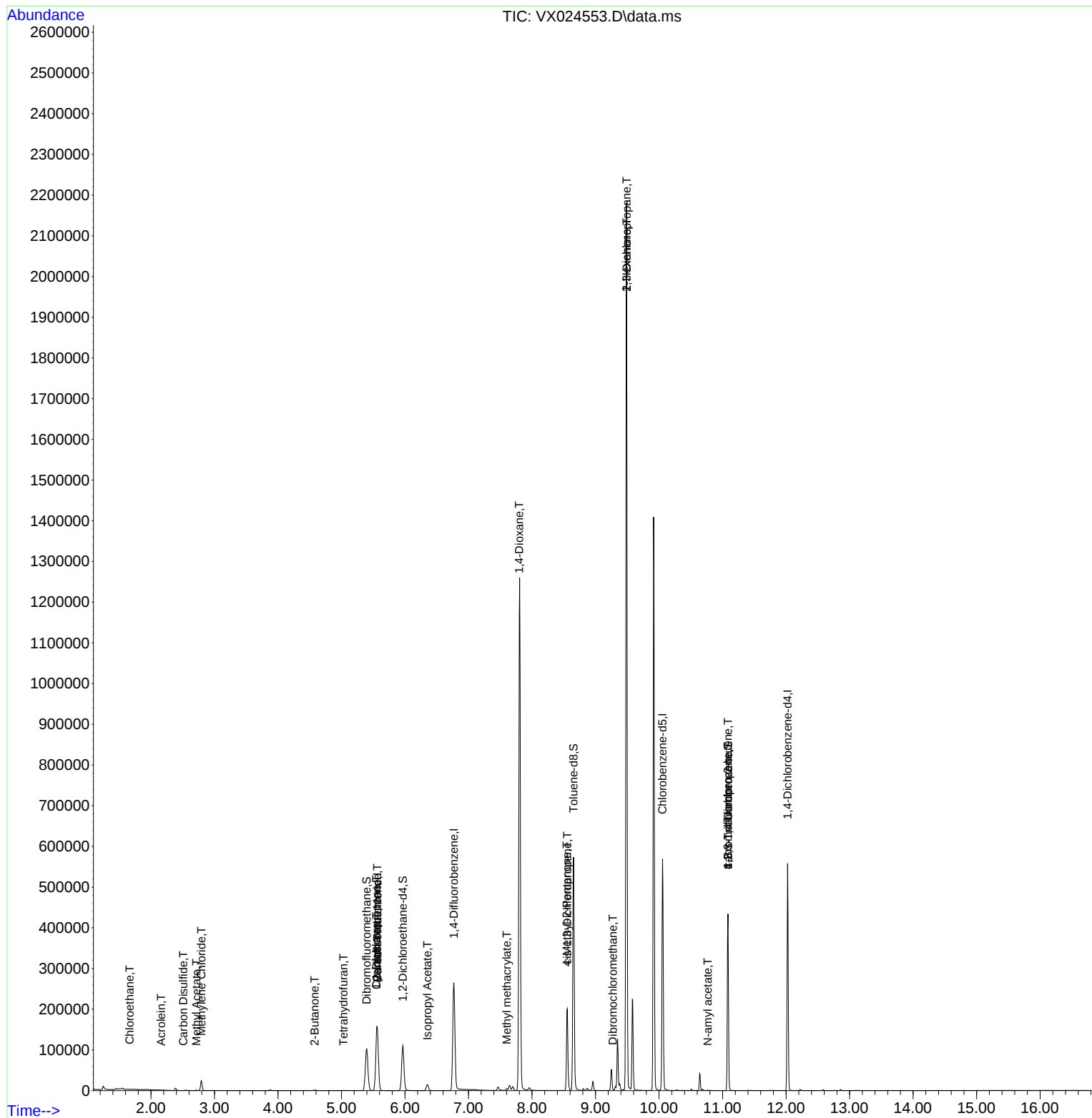
Internal Standards						
1) Pentafluorobenzene	5.562	168	150456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107891	50.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.760%			
35) Dibromofluoromethane	5.397	113	88716	49.927	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	8.653	98	339748	51.949	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.085	95	108796	42.310	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.620%			
Target Compounds						Qvalue
6) Chloroethane	1.666	64	637	0.896	ug/l #	43
11) Tert butyl alcohol	2.965	59	486	Below Cal		97
13) Acrolein	2.160	56	18	10.208	ug/l #	1
16) Acetone	2.386	43	6192	Below Cal		93
17) Carbon Disulfide	2.508	76	166	0.274	ug/l #	75
18) Methyl Acetate	2.715	43	1658	0.522	ug/l #	63
20) Methylene Chloride	2.794	84	10599	5.666	ug/l	90
25) 2-Butanone	4.574	43	2598	1.779	ug/l	94
29) Tetrahydrofuran	5.032	42	498	0.535	ug/l #	60
31) Cyclohexane	5.550	56	2962	1.167	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	11565	4.510	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15705	5.627	ug/l #	16
43) Isopropyl Acetate	6.355	43	20044	4.118	ug/l	94
48) Methyl methacrylate	7.604	41	6272	2.603	ug/l #	10
49) 1,4-Dioxane	7.799	88	190	3.442	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	69217	21.542	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	32610	10.884	ug/l #	63
57) 1,3-Dichloropropane	9.488	76	18477	5.592	ug/l #	43
59) 2-Hexanone	9.488	43	256426	101.339	ug/l #	43
60) Dibromochloromethane	9.275	129	138	1.248	ug/l #	11
74) N-amyl acetate	10.768	43	856	0.239	ug/l #	41
76) 1,2,3-Trichloropropane	11.085	75	59246	23.650	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59246	64.597	ug/l #	12

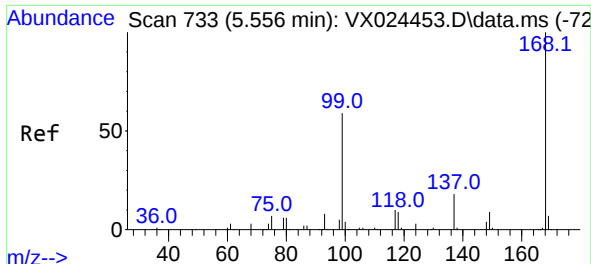
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

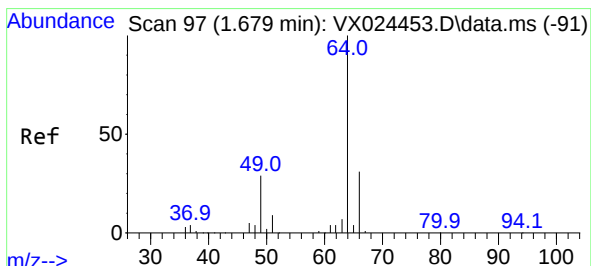
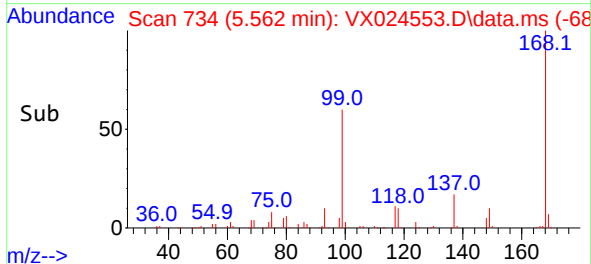
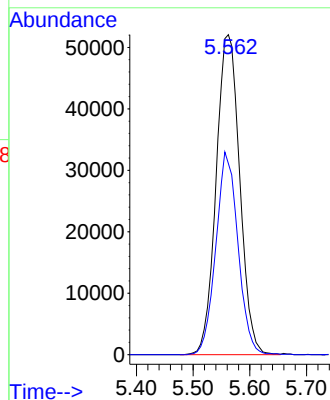
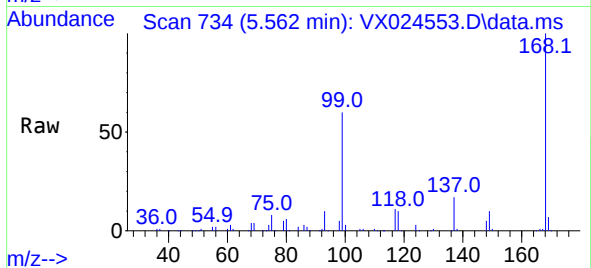




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

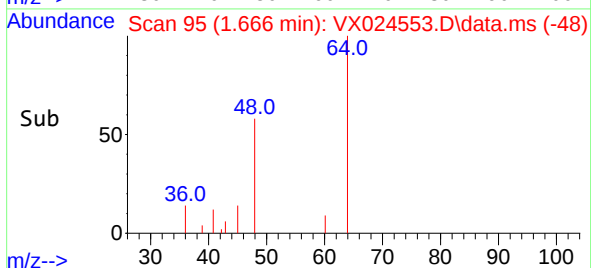
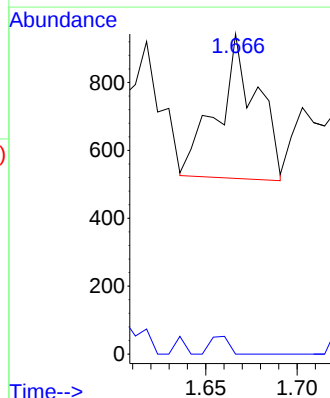
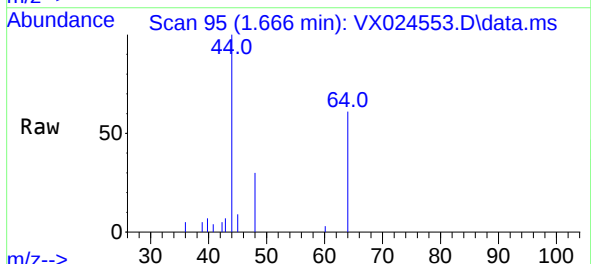
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

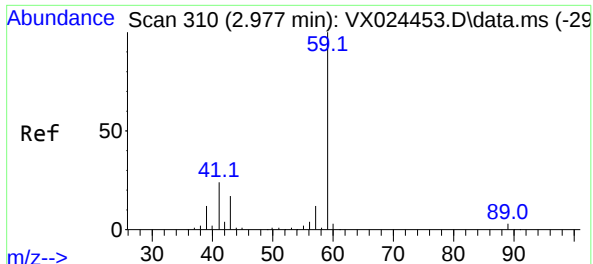
Tgt Ion:168 Resp: 150456
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#6
Chloroethane
Concen: 0.896 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 64 Resp: 637
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



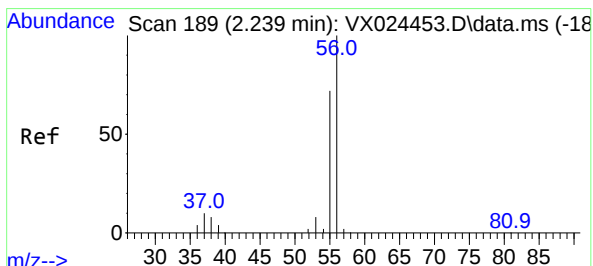
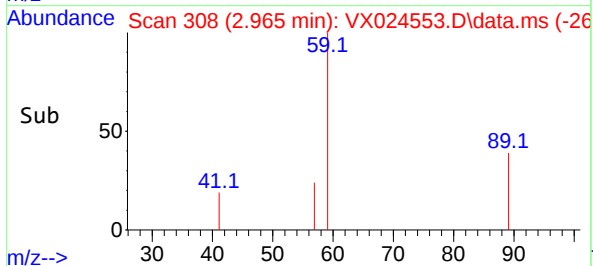
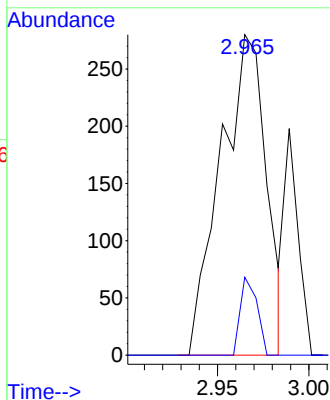
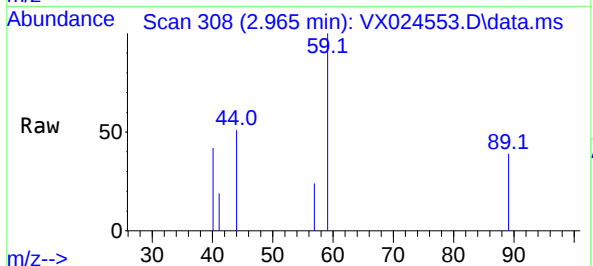


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

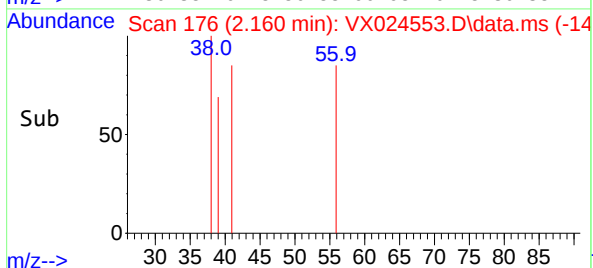
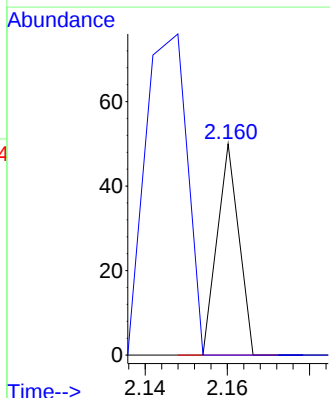
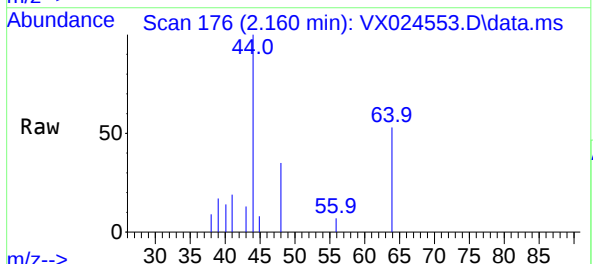
Tgt Ion: 59 Resp: 486
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.8

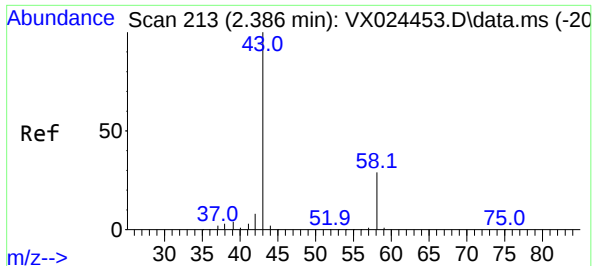


#13

Acrolein
Concen: 10.208 ug/l
RT: 2.160 min Scan# 176
Delta R.T. -0.079 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 300.0 56.4 84.6#

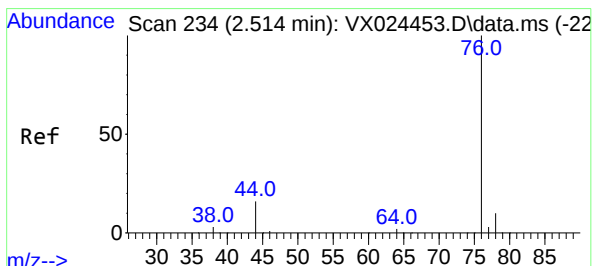
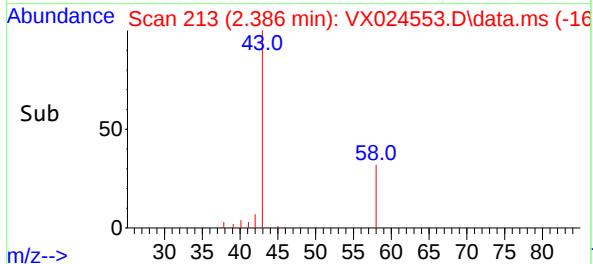
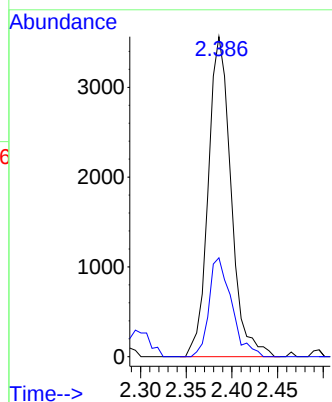
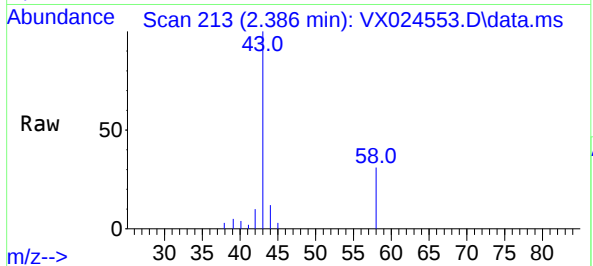




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

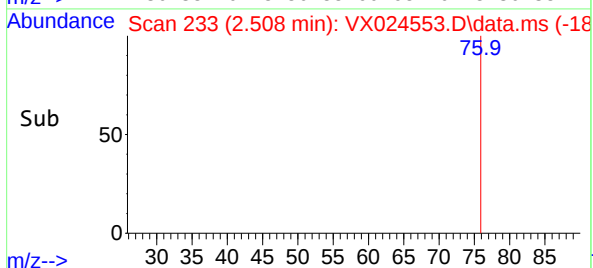
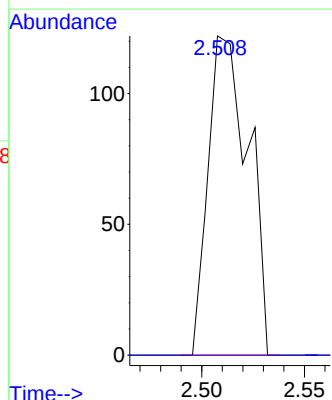
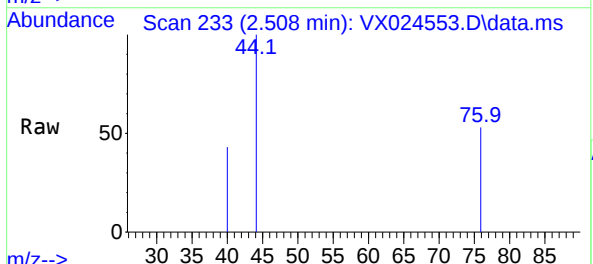
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

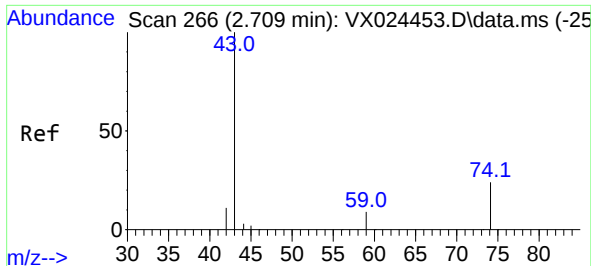
Tgt Ion: 43 Resp: 6192
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.274 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 76 Resp: 166
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

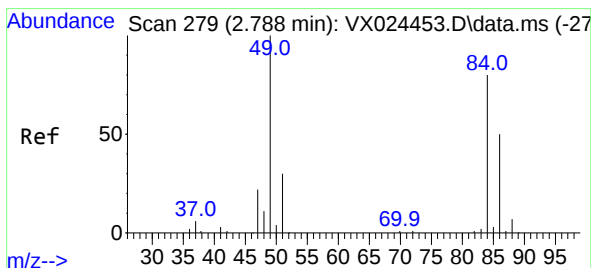
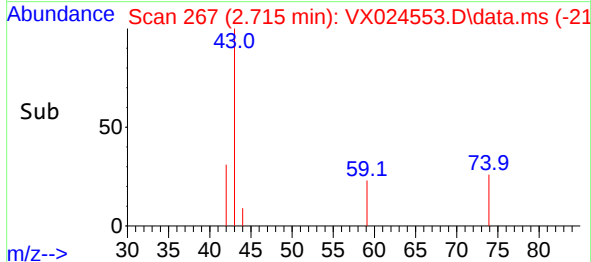
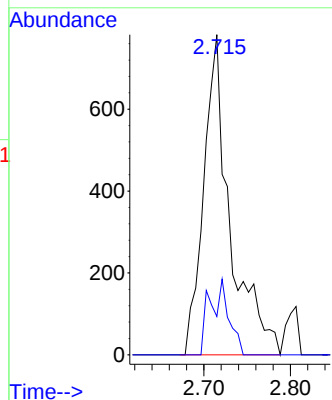
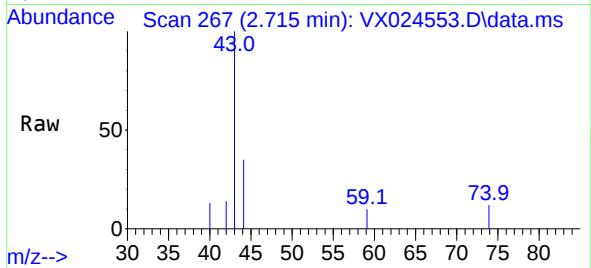




#18
Methyl Acetate
Concen: 0.522 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

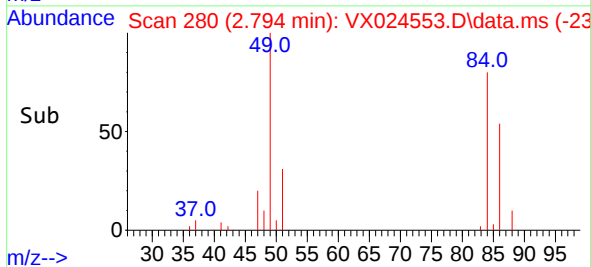
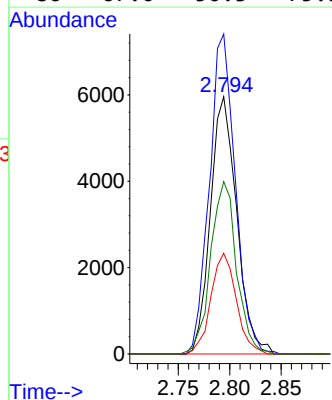
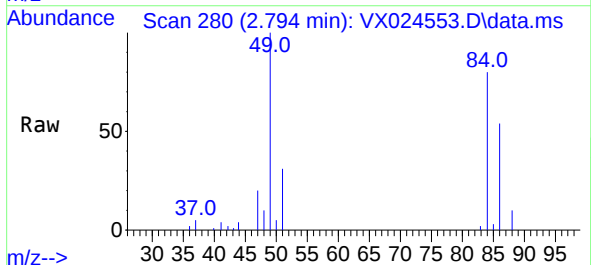
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

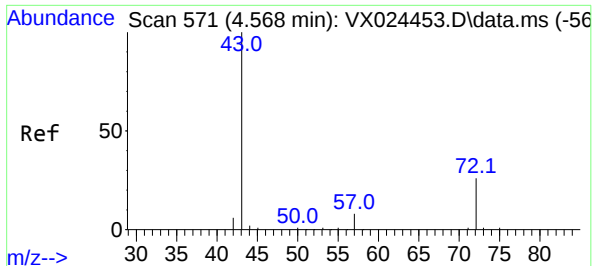
Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
74 8.3 21.9 32.9#



#20
Methylene Chloride
Concen: 5.666 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 84 Resp: 10599
Ion Ratio Lower Upper
84 100
49 124.3 88.6 132.8
51 39.1 27.0 40.6
86 67.0 50.3 75.5

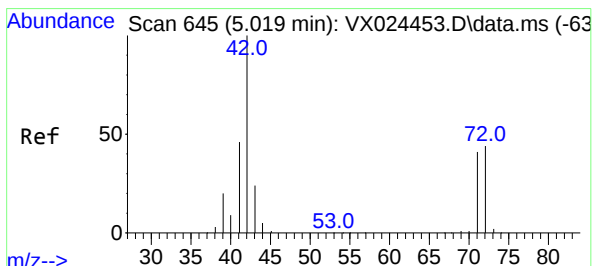
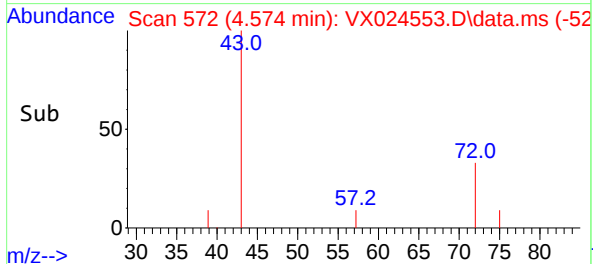
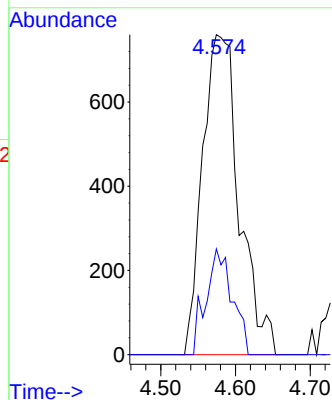
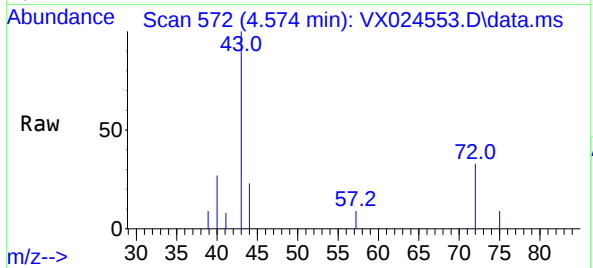




#25
2-Butanone
Concen: 1.779 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

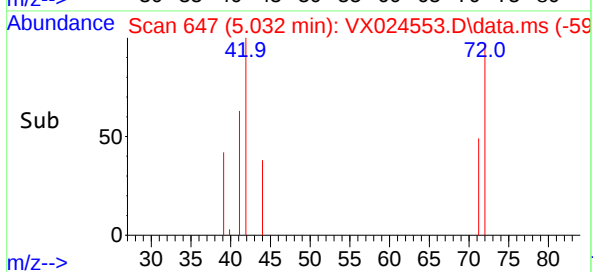
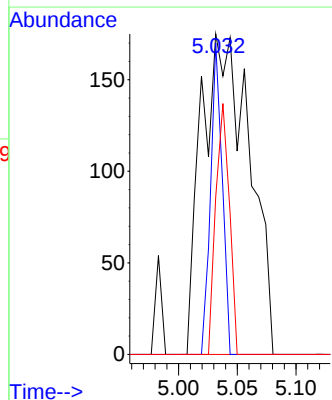
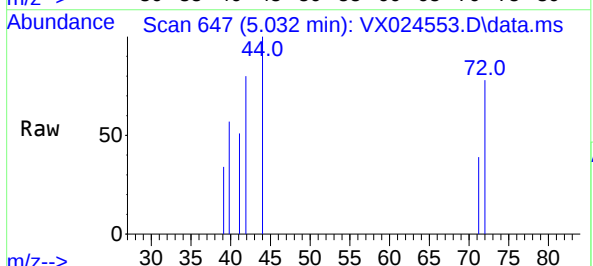
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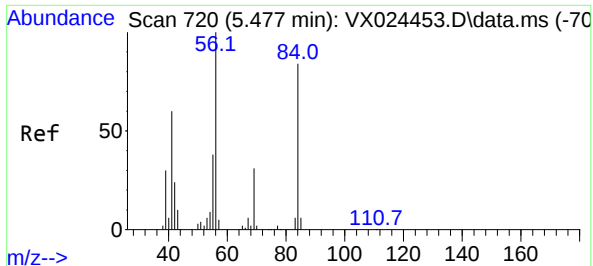
Tgt Ion: 43 Resp: 2598
Ion Ratio Lower Upper
43 100
72 33.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.535 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 42 Resp: 498
Ion Ratio Lower Upper
42 100
72 23.3 41.7 62.5#
71 22.1 38.4 57.6#

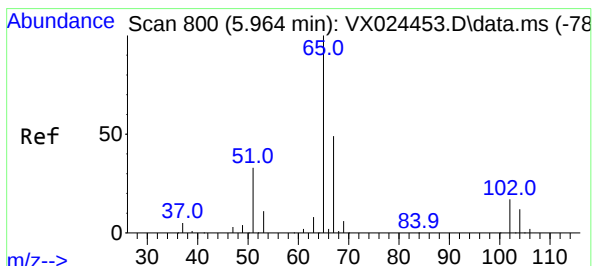
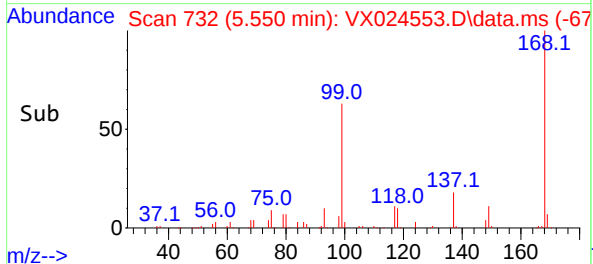
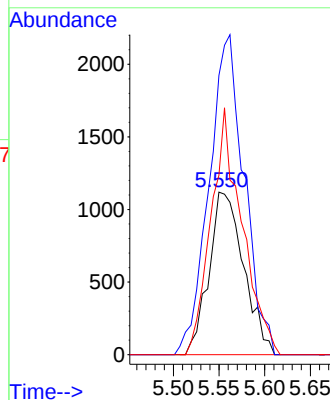
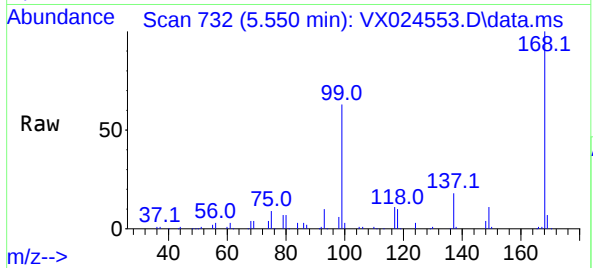




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

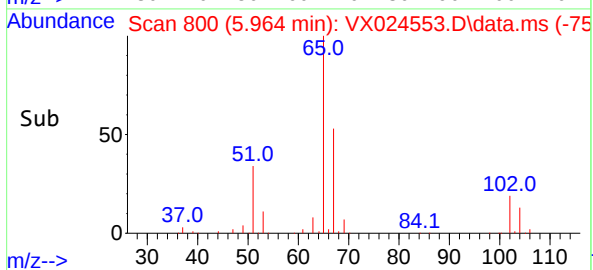
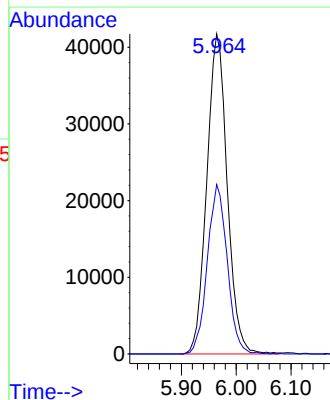
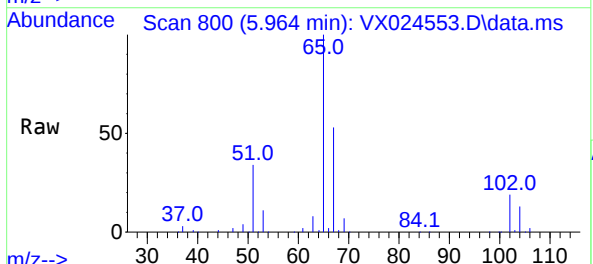
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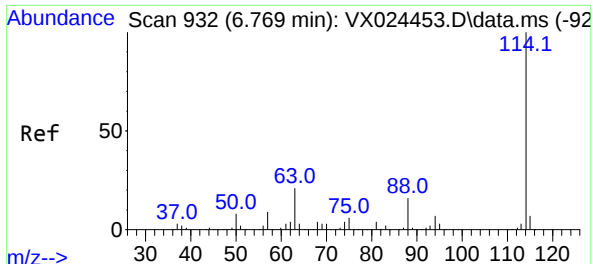
Tgt Ion: 56 Resp: 2962
Ion Ratio Lower Upper
56 100
69 171.7 25.3 37.9#
84 110.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.880 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 65 Resp: 107891
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

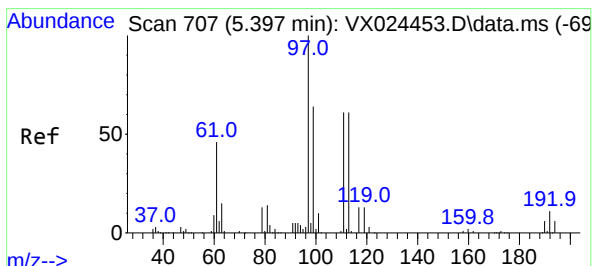
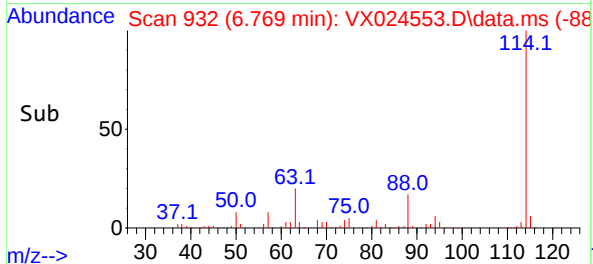
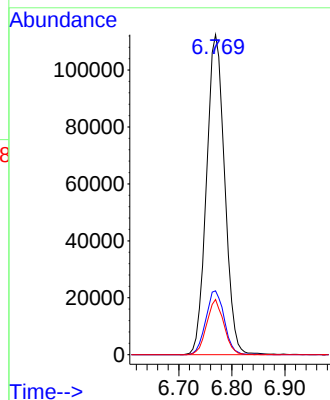
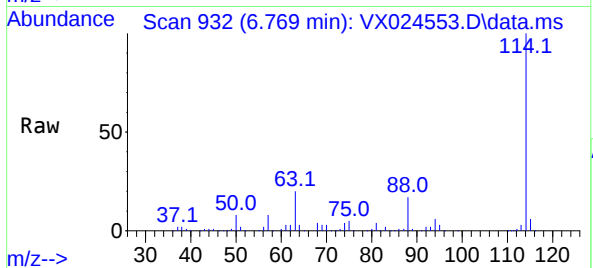




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

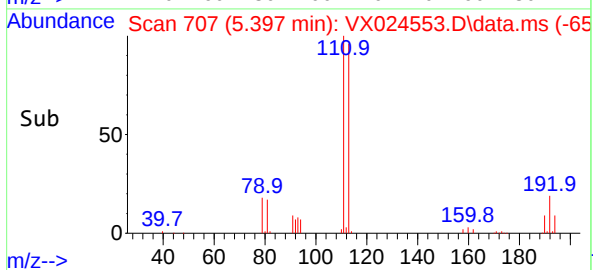
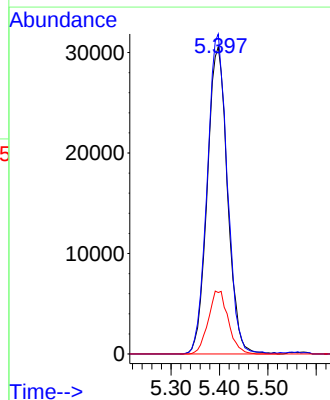
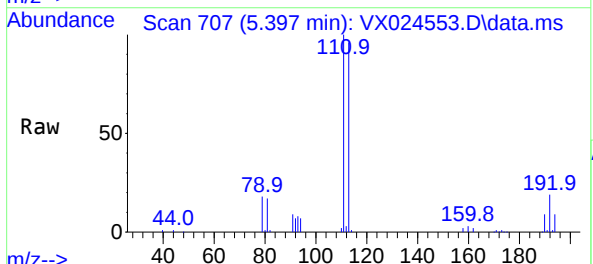
Instrument :
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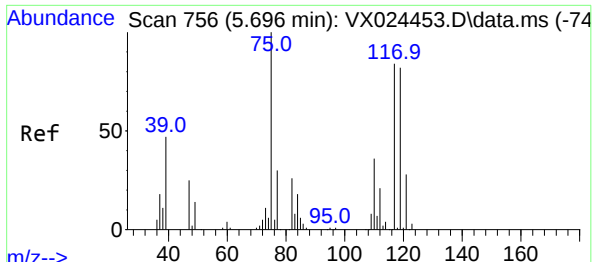
Tgt Ion:114 Resp: 267477
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.927 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

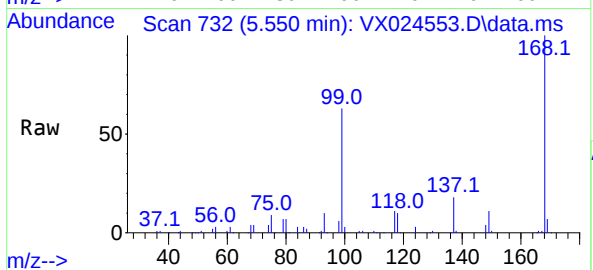
Tgt Ion:113 Resp: 88716
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.3 16.7 25.1



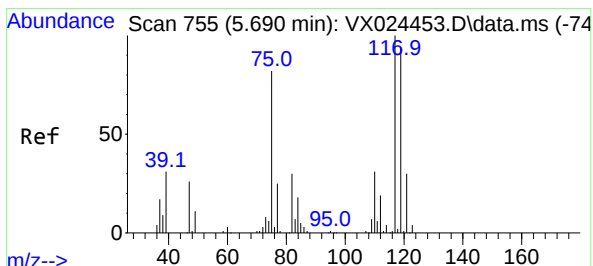
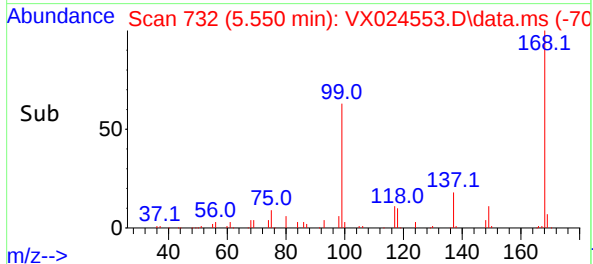
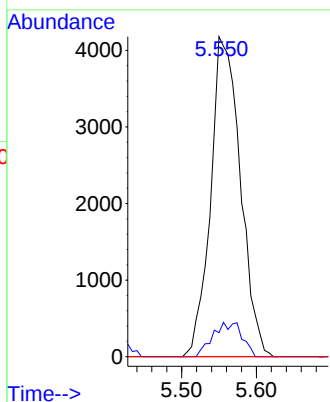


#36
1,1-Dichloropropene
Concen: 4.510 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

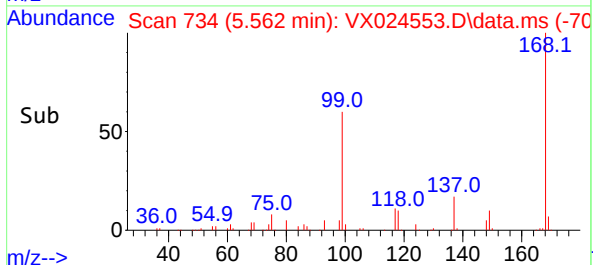
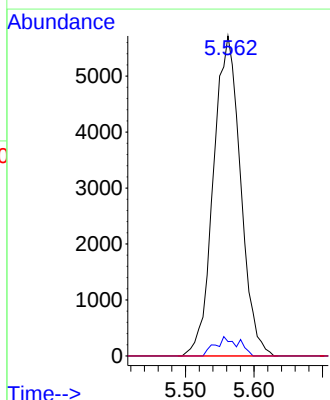
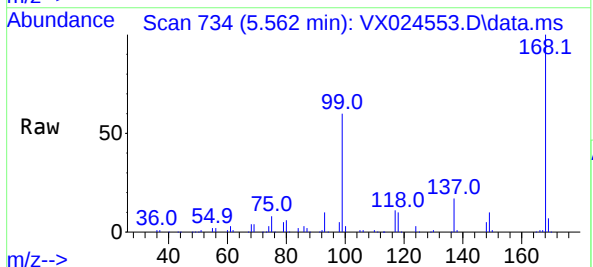


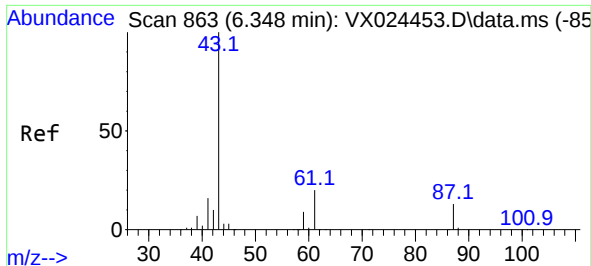
Tgt Ion: 75 Resp: 11565
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 117 Resp: 15705
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

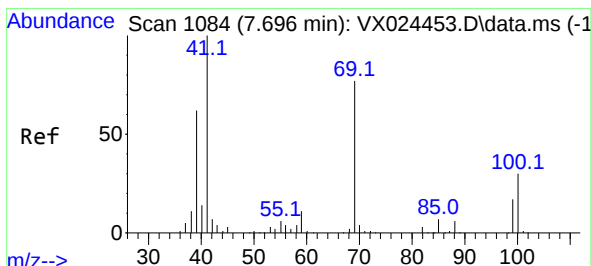
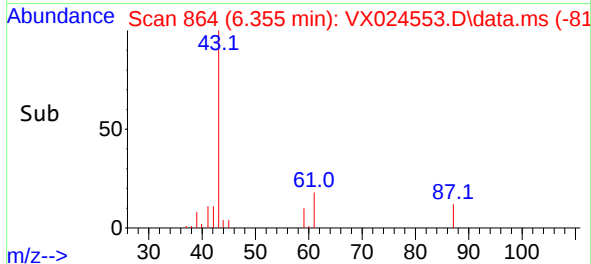
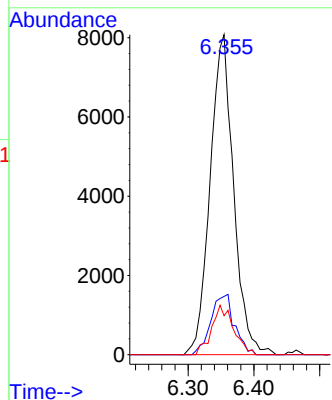
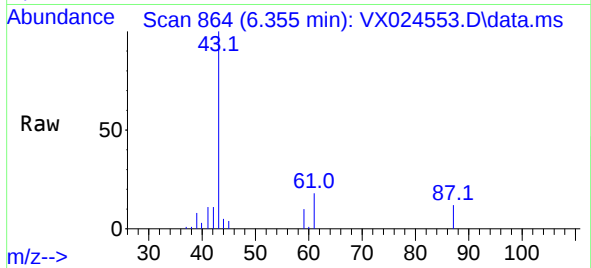




#43
Isopropyl Acetate
Concen: 4.118 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

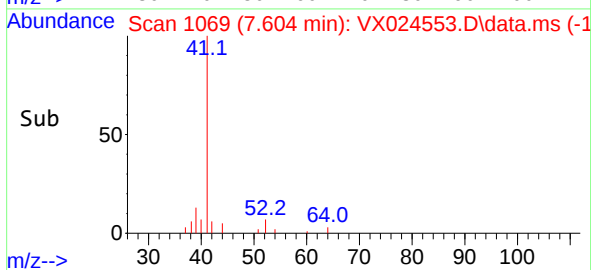
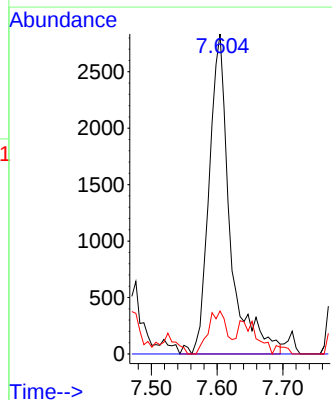
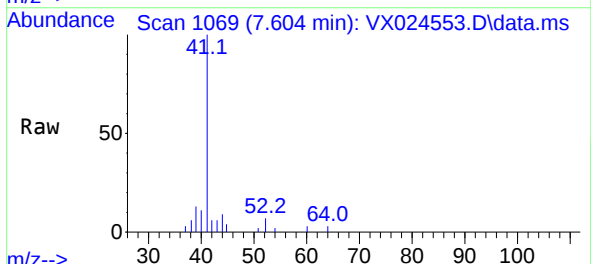
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

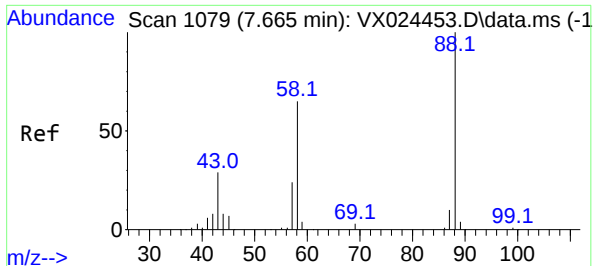
Tgt Ion: 43 Resp: 20044
Ion Ratio Lower Upper
43 100
61 18.9 18.2 27.4
87 14.5 12.5 18.7



#48
Methyl methacrylate
Concen: 2.603 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 41 Resp: 6272
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 3.442 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX024553.D

Acq: 05 Oct 2021 05:16

Tgt Ion: 88 Resp: 190

Ion Ratio Lower Upper

88 100

43 595373.2 23.2 34.8#

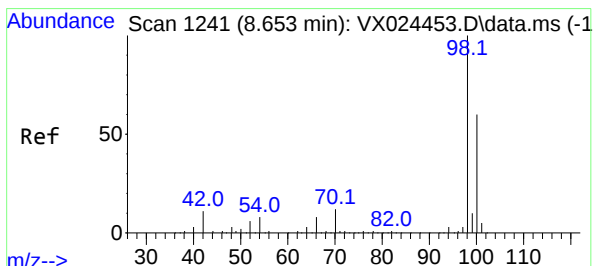
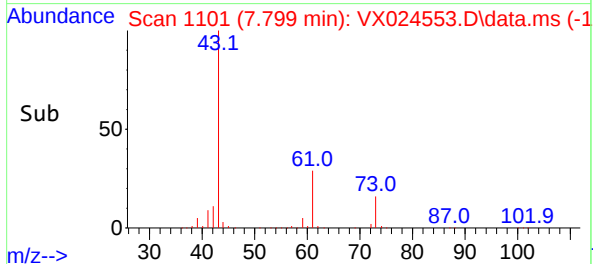
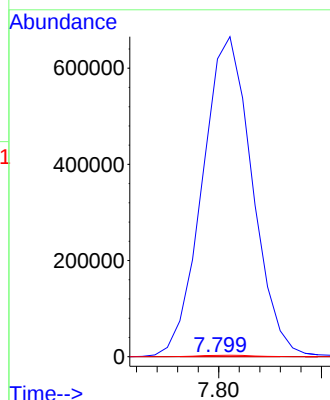
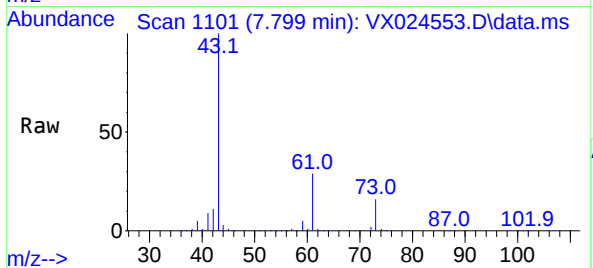
58 2801.6 55.0 82.4#

Instrument :

MSVOA_X

ClientSampleId :

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#50

Toluene-d8

Concen: 51.949 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024553.D

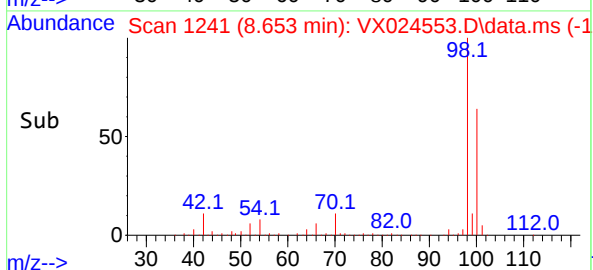
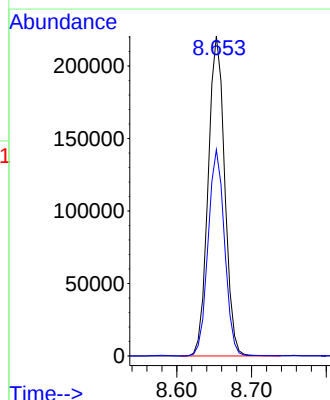
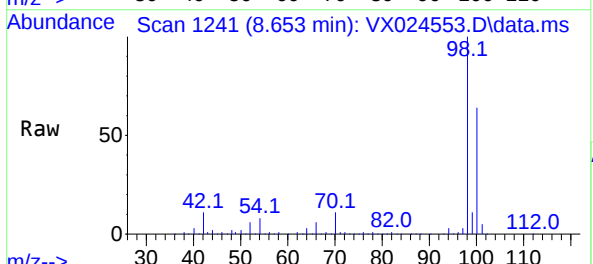
Acq: 05 Oct 2021 05:16

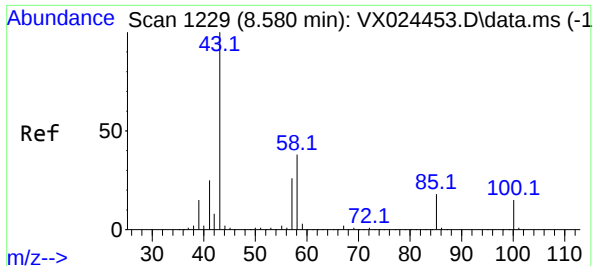
Tgt Ion: 98 Resp: 339748

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9

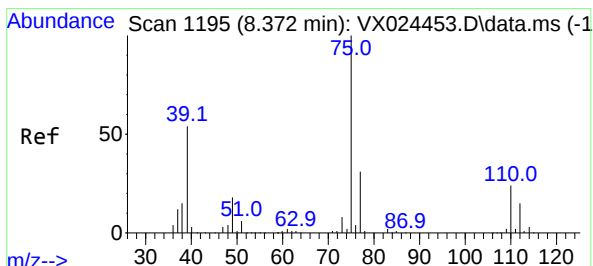
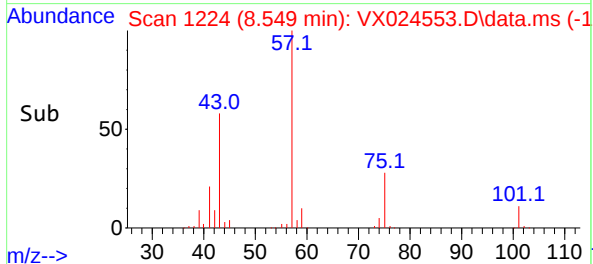
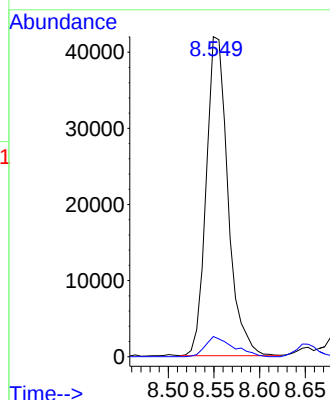
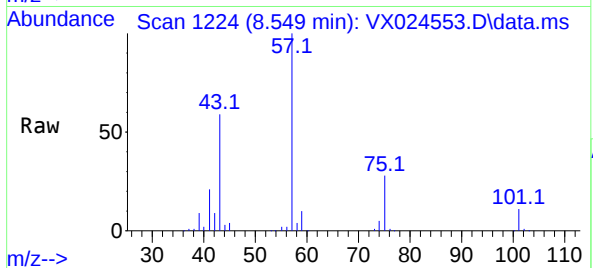




#51
4-Methyl-2-Pentanone
Concen: 21.542 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

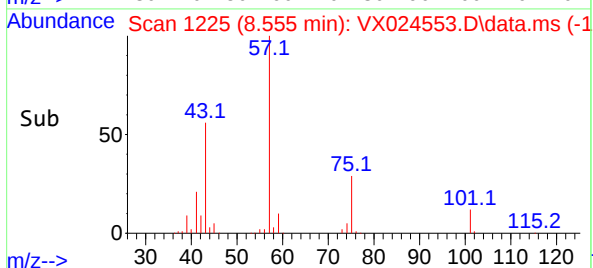
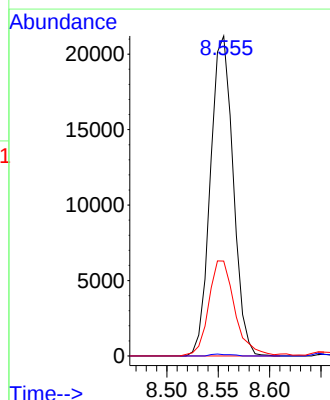
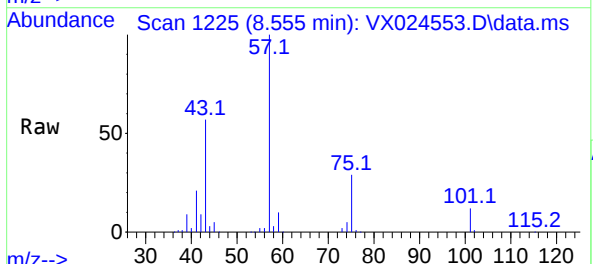
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

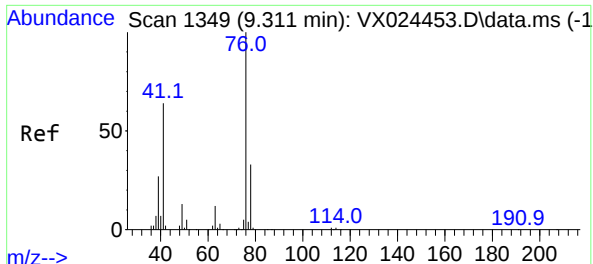
Tgt Ion: 43 Resp: 69217
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.884 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 75 Resp: 32610
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 29.6 35.1 52.7#

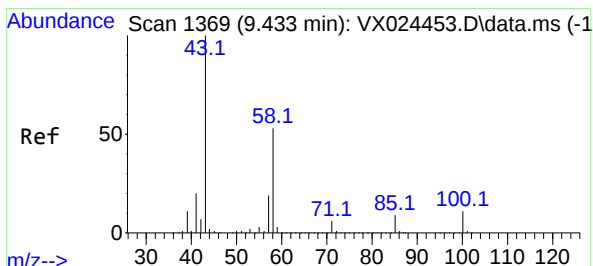
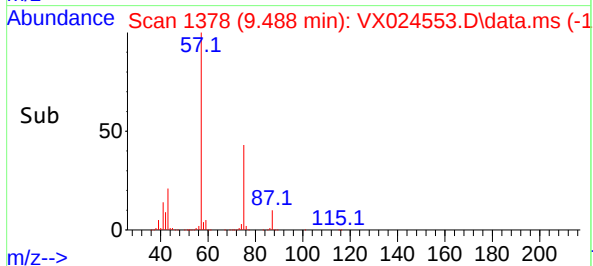
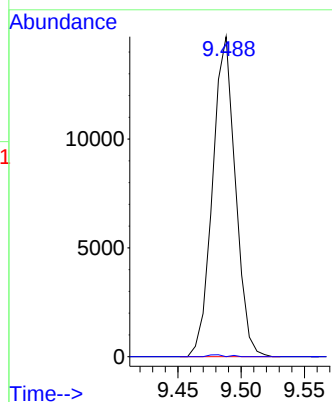
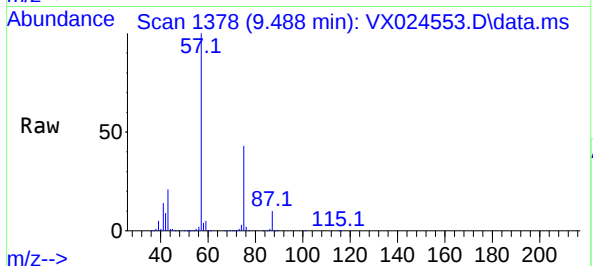




#57
1,3-Dichloropropane
Concen: 5.592 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

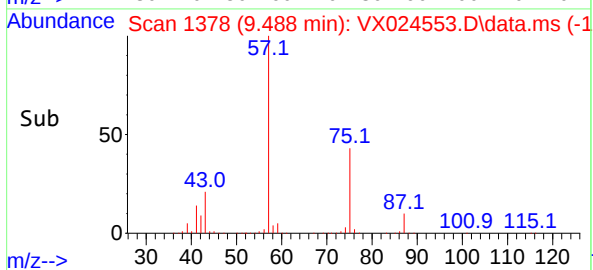
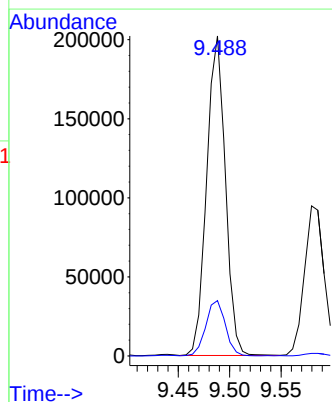
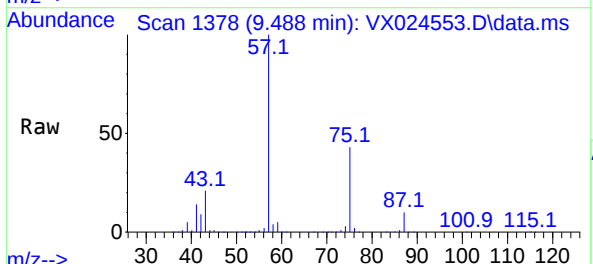
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

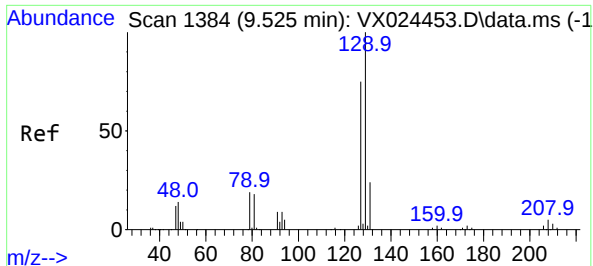
Tgt Ion: 76 Resp: 18477
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#



#59
2-Hexanone
Concen: 101.339 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 43 Resp: 256426
Ion Ratio Lower Upper
43 100
58 18.1 30.9 92.8#

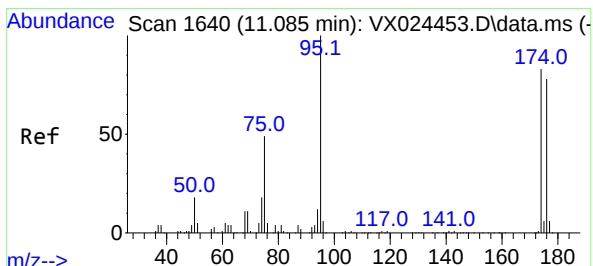
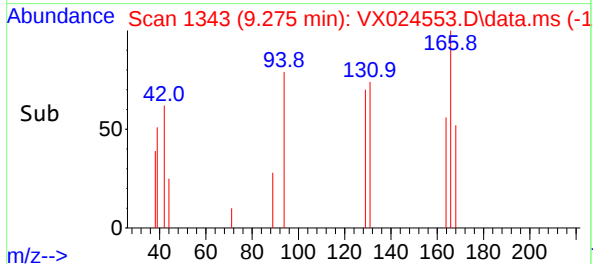
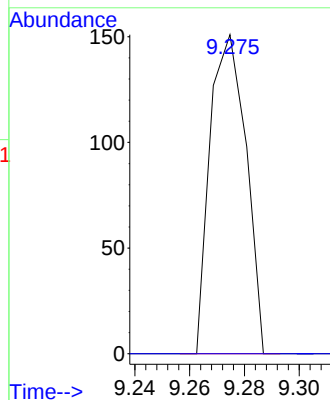
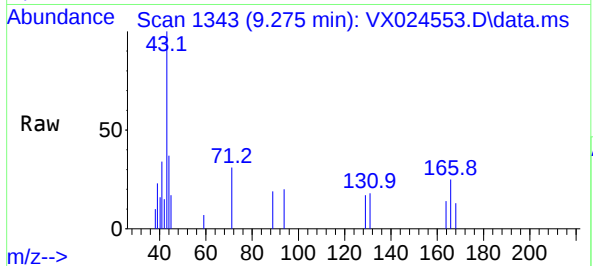




#60
Dibromochloromethane
Concen: 1.248 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

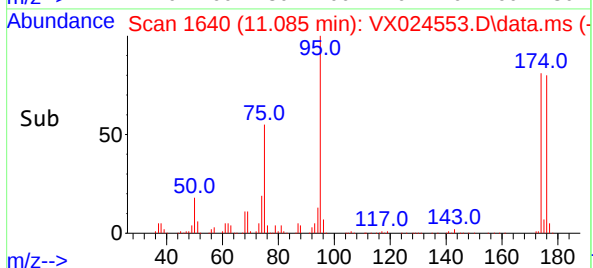
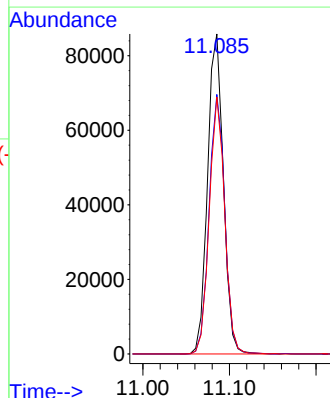
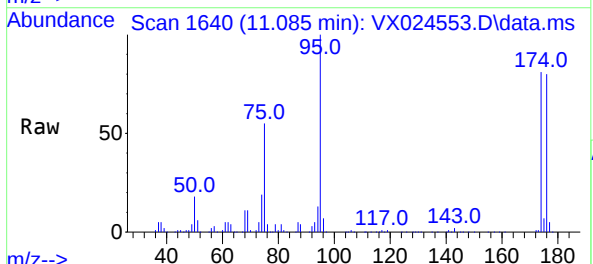
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

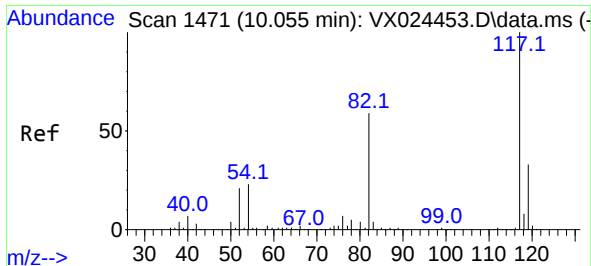
Tgt Ion:129 Resp: 138
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 42.310 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion: 95 Resp: 108796
Ion Ratio Lower Upper
95 100
174 80.4 0.0 154.6
176 78.4 0.0 155.8

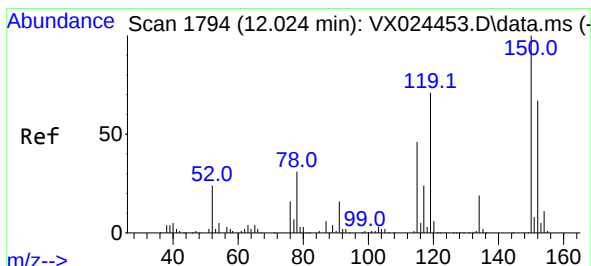
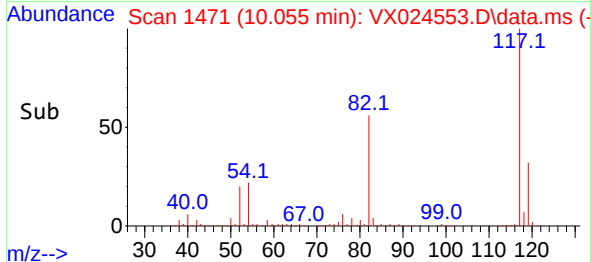
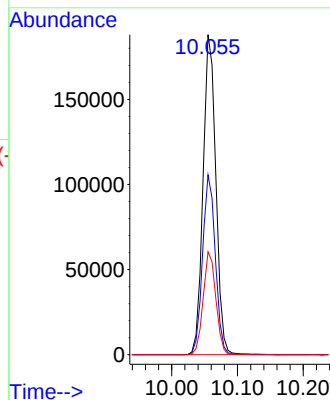
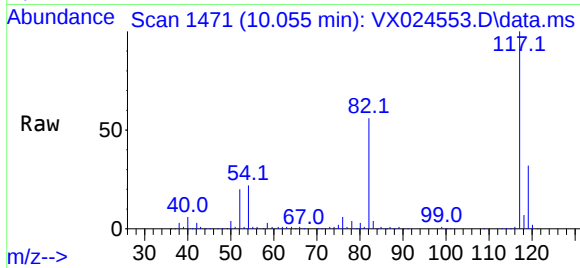




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

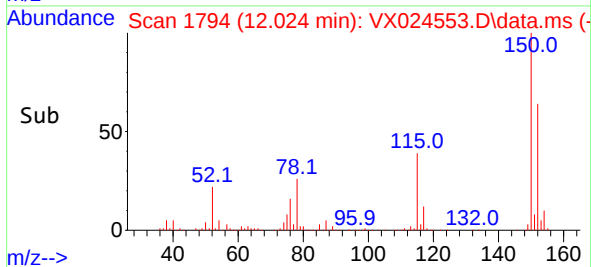
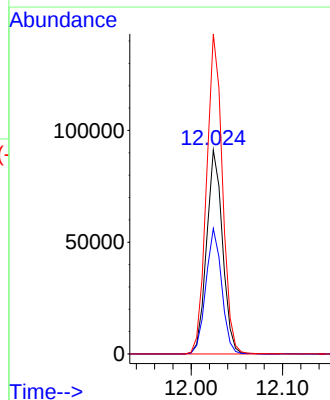
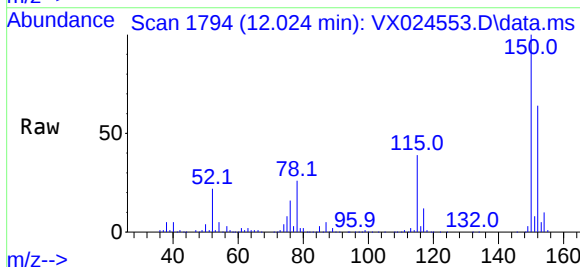
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

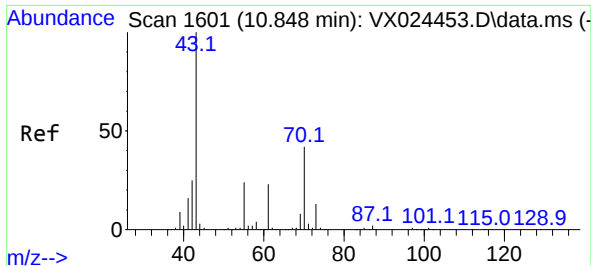
Tgt Ion:117 Resp: 254296
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Tgt Ion:152 Resp: 110311
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 156.1 0.0 349.0

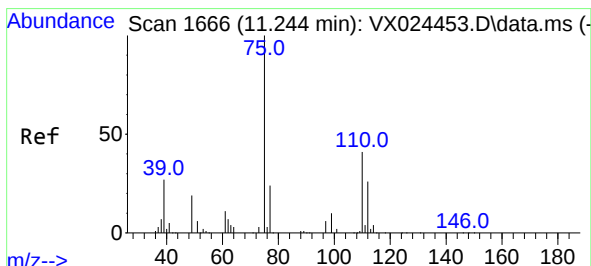
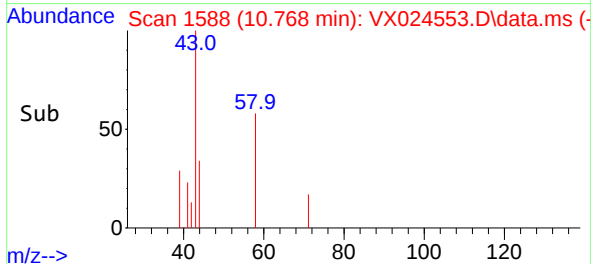
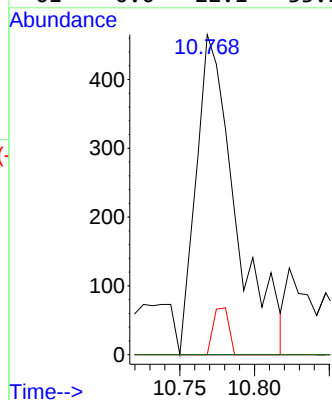
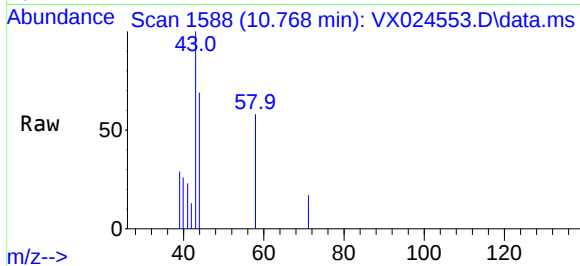




#74
N-amy1 acetate
Concen: 0.239 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

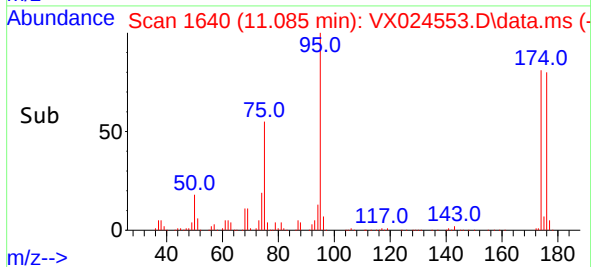
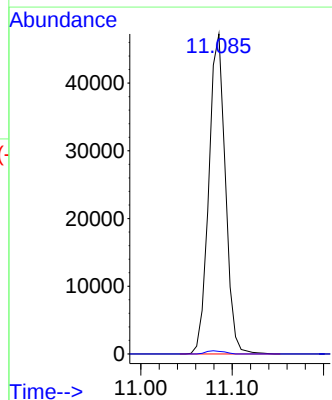
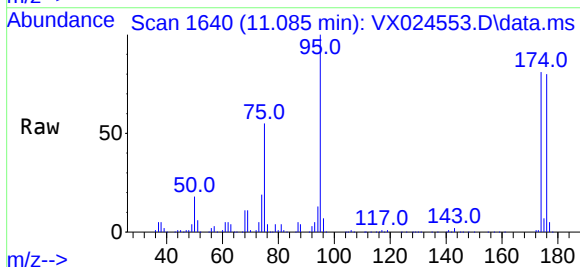
Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE

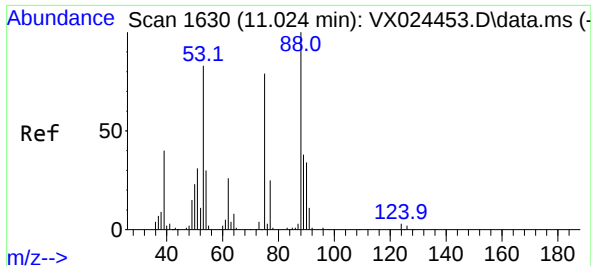
Tgt Ion:	43	Resp:	856
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	5.7	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 23.650 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

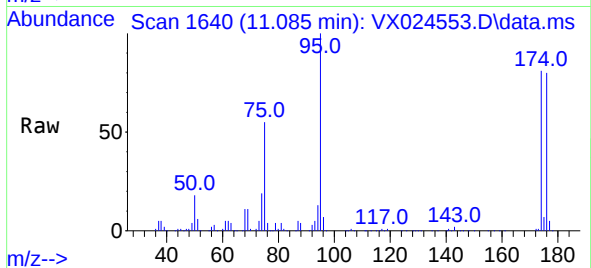
Tgt Ion:	75	Resp:	59246
Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.597 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024553.D
Acq: 05 Oct 2021 05:16

Instrument :
MSVOA_X
ClientSampleId :
149-ENV-1-COMPOSITE



Tgt Ion: 75 Resp: 59246
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

