

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025492.D
 Acq On : 03 Dec 2021 19:03
 Operator : JC/MD
 Sample : M4924-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20211202

Quant Time: Dec 04 06:53:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

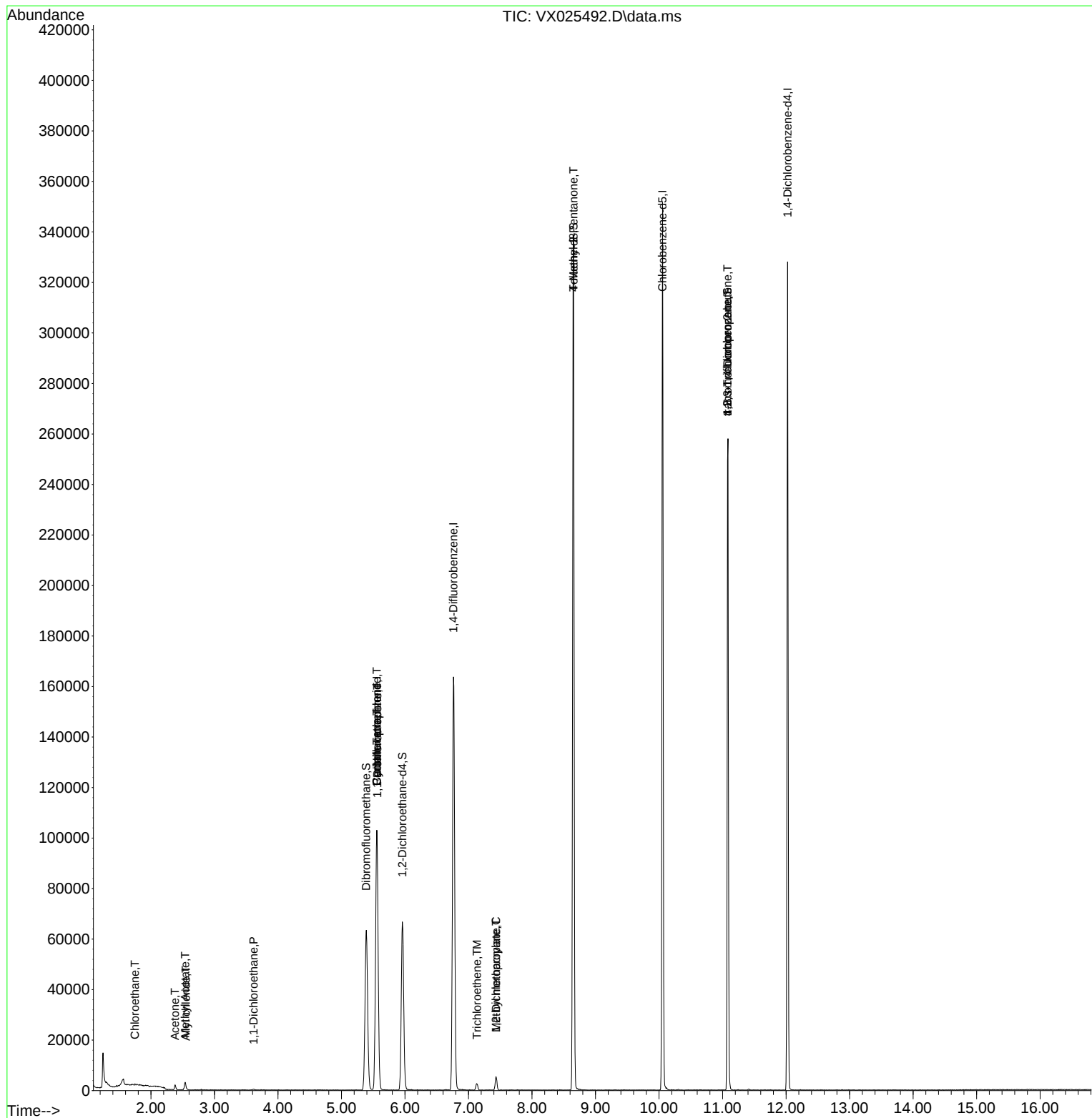
Internal Standards						
1) Pentafluorobenzene	5.556	168	103599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62331	57.079	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.160%			
35) Dibromofluoromethane	5.385	113	54949	50.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.940%			
50) Toluene-d8	8.653	98	204515	49.961	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.920%			
62) 4-Bromofluorobenzene	11.079	95	69745	45.037	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.080%			
Target Compounds					Qvalue	
6) Chloroethane	1.746	64	218	0.259	ug/l #	43
14) Allyl chloride	2.550	41	368	0.212	ug/l #	79
16) Acetone	2.380	43	1920	3.164	ug/l	97
18) Methyl Acetate	2.538	43	914	0.471	ug/l #	52
24) 1,1-Dichloroethane	3.617	63	534	0.295	ug/l #	83
31) Cyclohexane	5.556	56	1915	1.135	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	7183	4.640	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9784	5.738	ug/l #	16
44) Trichloroethene	7.135	130	1194	0.876	ug/l	84
45) 1,2-Dichloropropane	7.434	63	2287	1.986	ug/l	90
48) Methyl methacrylate	7.434	41	1076	0.782	ug/l #	26
51) 4-Methyl-2-Pentanone	8.653	43	871	0.474	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34370	24.710	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34370	62.249	ug/l #	9

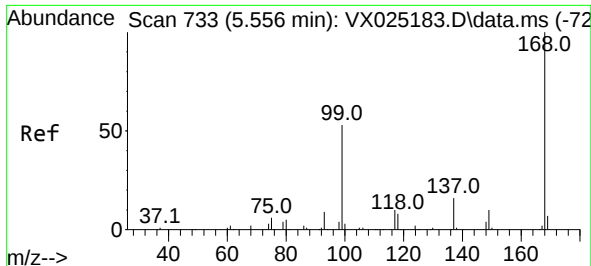
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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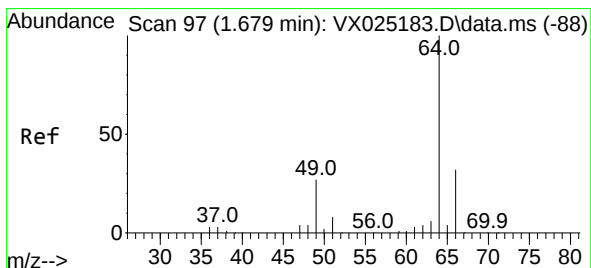
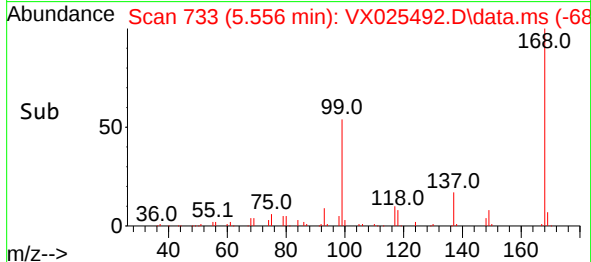
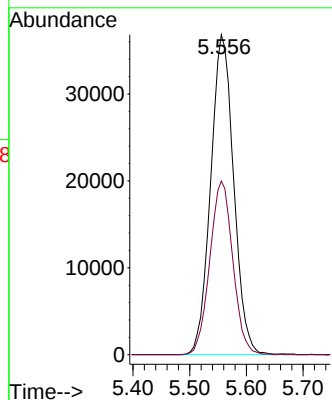
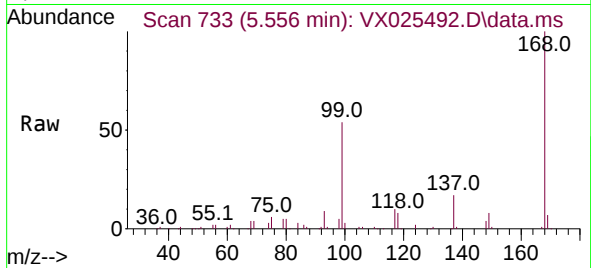




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

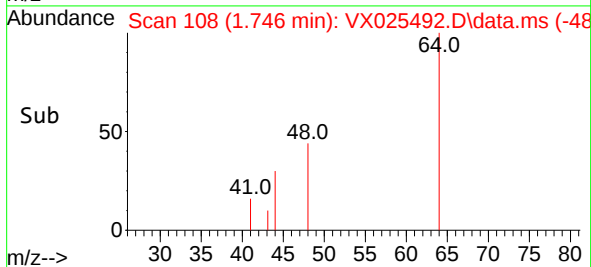
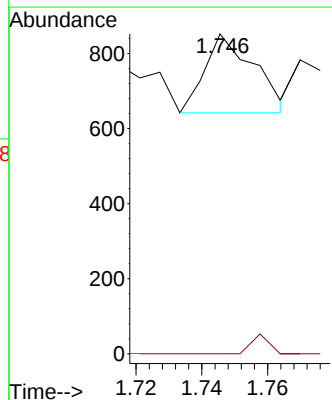
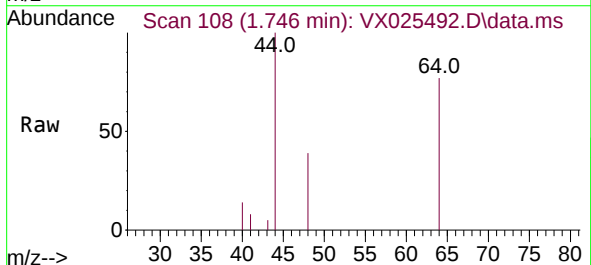
Instrument :
MSVOA_X
ClientSampleId :
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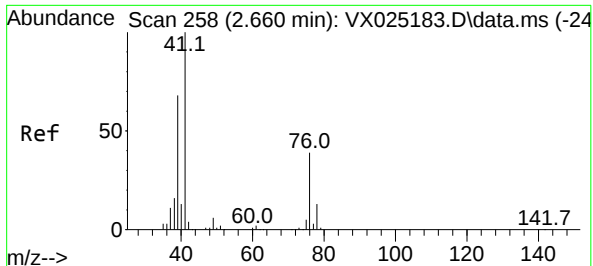
Tgt Ion:168 Resp: 103599
Ion Ratio Lower Upper
168 100
99 54.3 46.4 69.6



#6
Chloroethane
Concen: 0.259 ug/l
RT: 1.746 min Scan# 108
Delta R.T. 0.067 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

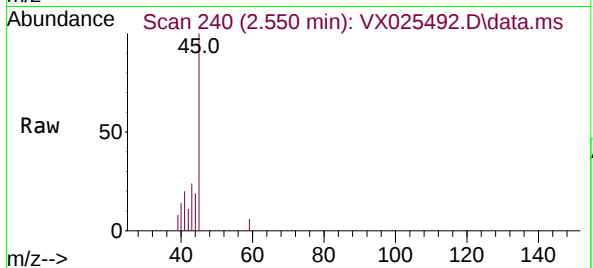
Tgt Ion: 64 Resp: 218
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



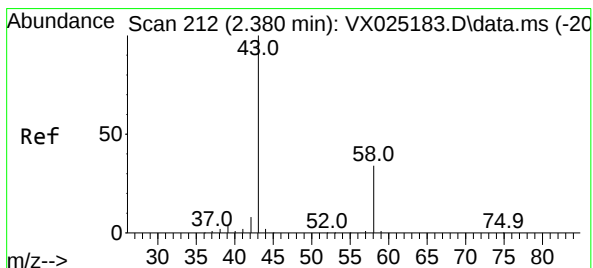
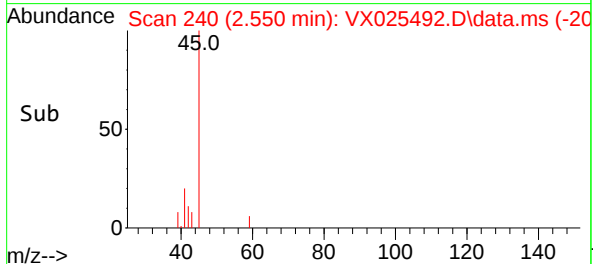
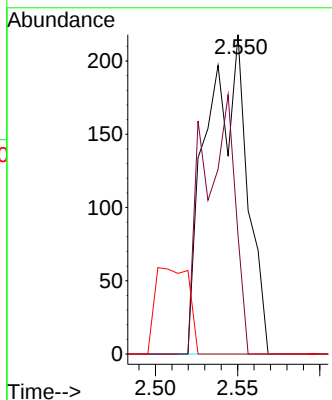


#14
Allyl chloride
Concen: 0.212 ug/l
RT: 2.550 min Scan# 241
Delta R.T. -0.110 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20211202

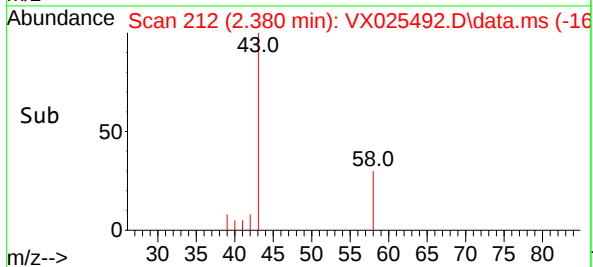
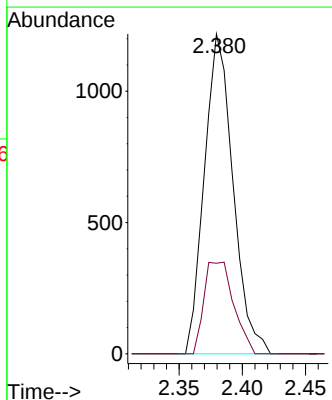
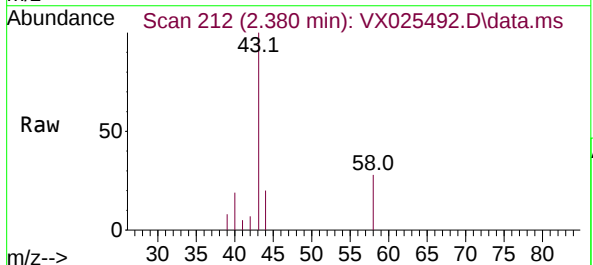


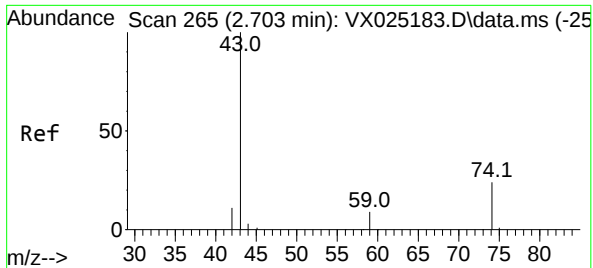
Tgt Ion: 41 Resp: 368
Ion Ratio Lower Upper
41 100
39 64.4 54.6 82.0
76 0.0 25.3 37.9#



#16
Acetone
Concen: 3.164 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 28.3 24.0 36.0

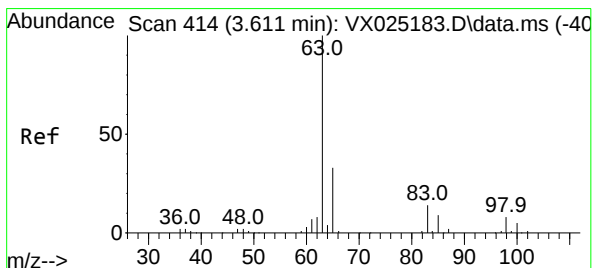
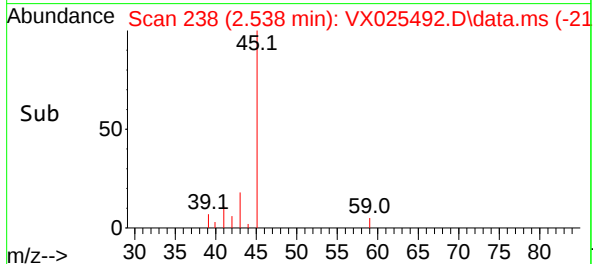
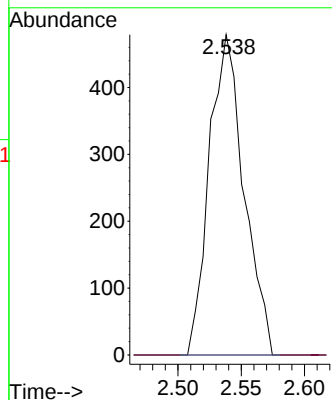
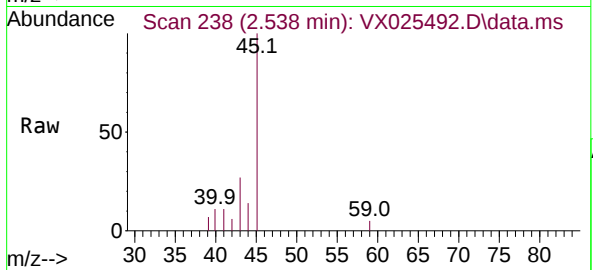




#18
Methyl Acetate
Concen: 0.471 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.165 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

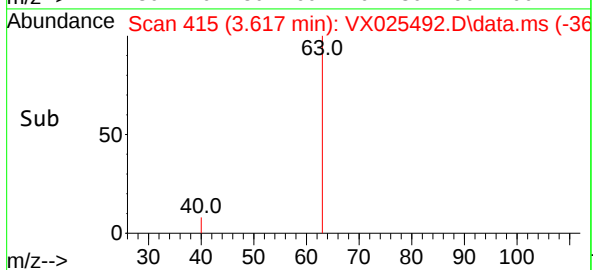
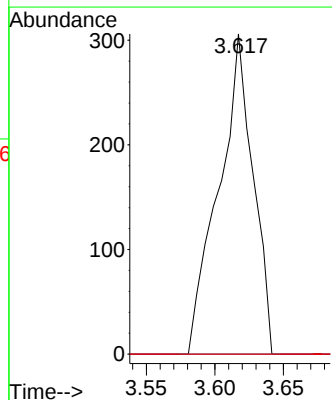
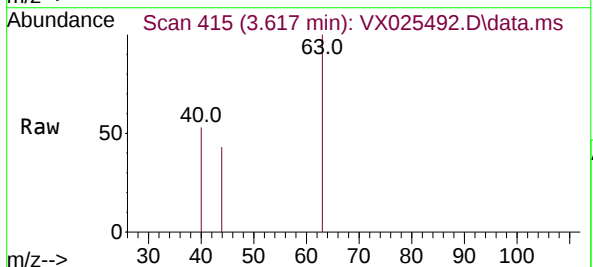
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20211202

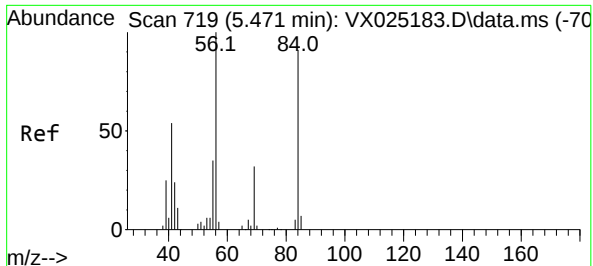
Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#24
1,1-Dichloroethane
Concen: 0.295 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion: 63 Resp: 534
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.2#

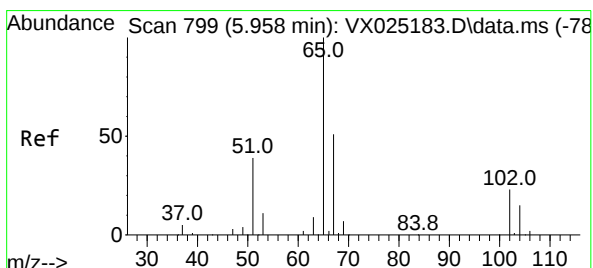
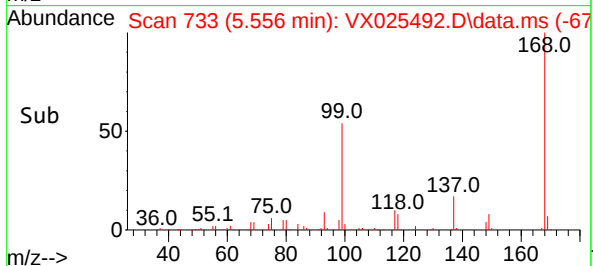
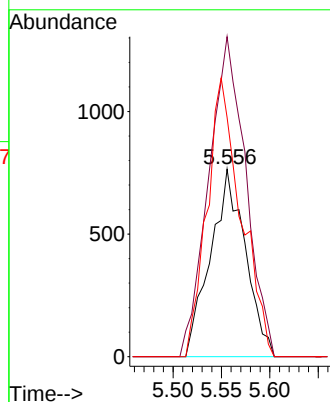
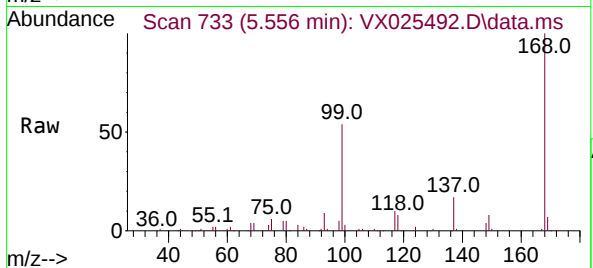




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

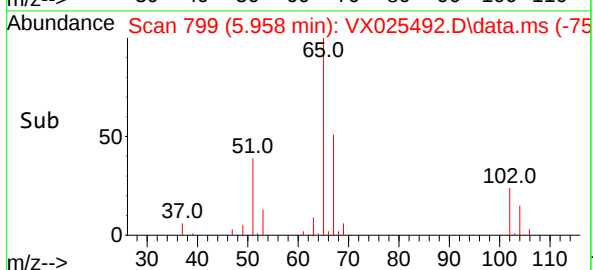
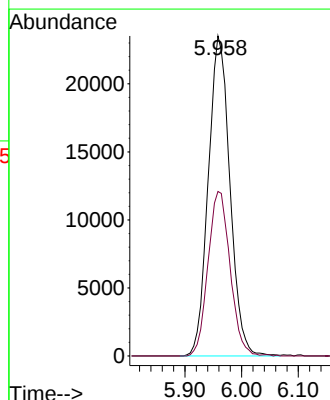
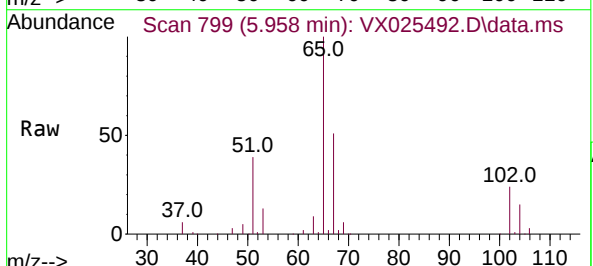
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20211202

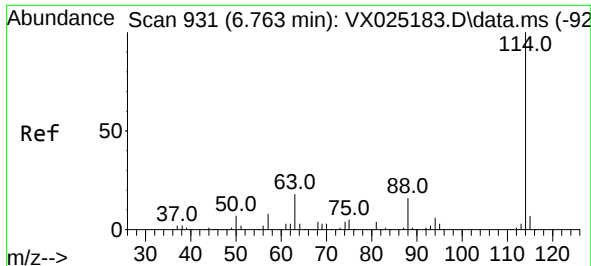
Tgt Ion: 56 Resp: 1915
Ion Ratio Lower Upper
56 100
69 170.6 24.2 36.2#
84 127.6 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 57.079 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion: 65 Resp: 62331
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.0

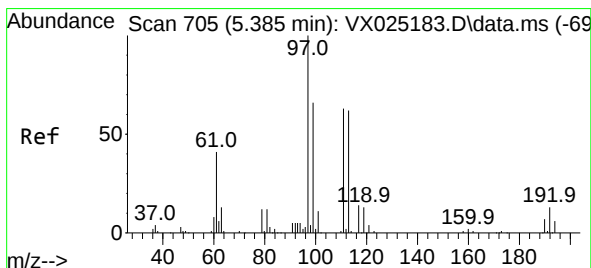
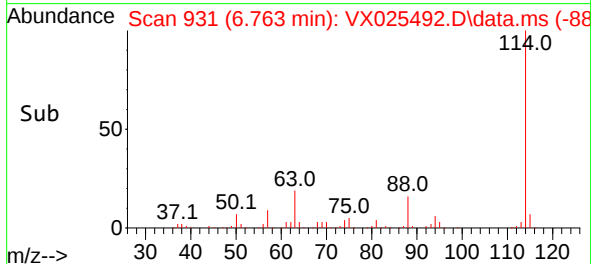
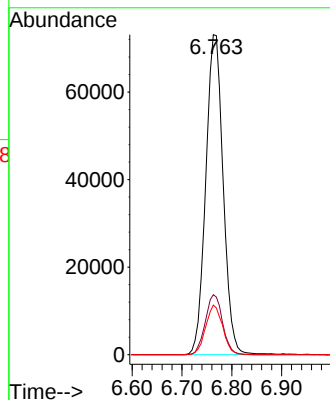
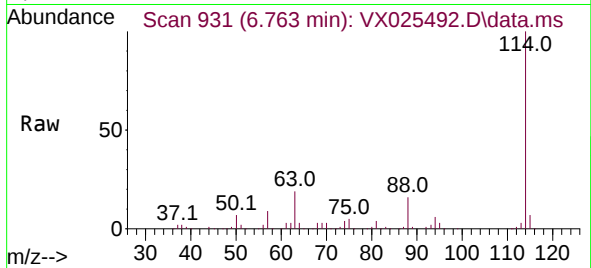




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

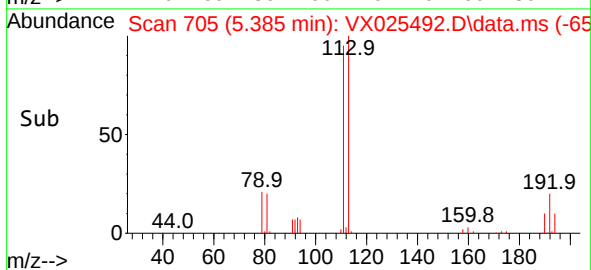
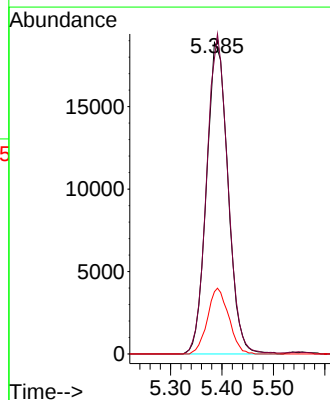
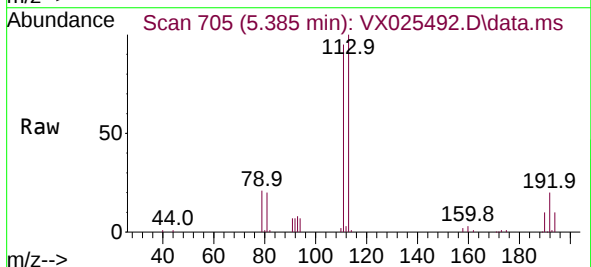
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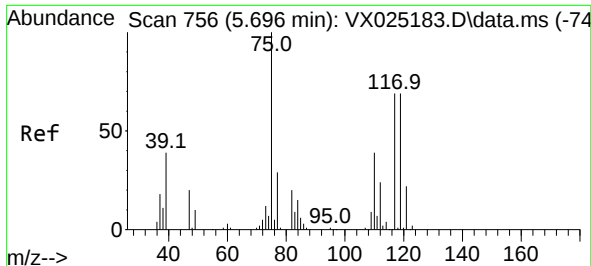
Tgt Ion:114 Resp: 177444
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.0
88 15.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.470 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion:113 Resp: 54949
Ion Ratio Lower Upper
113 100
111 101.1 82.1 123.1
192 20.8 15.6 23.4

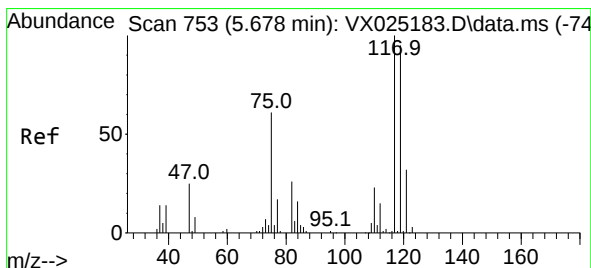
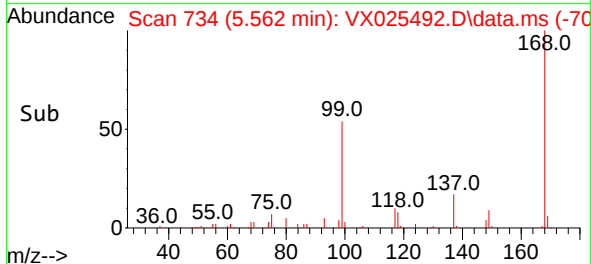
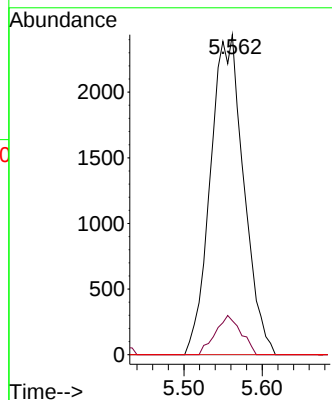
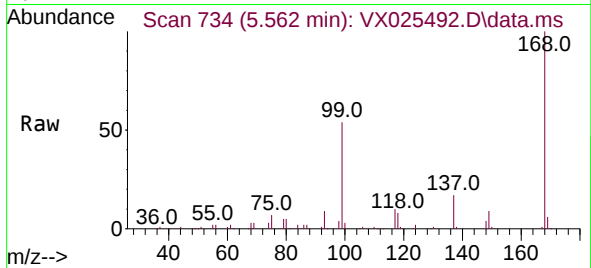




#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

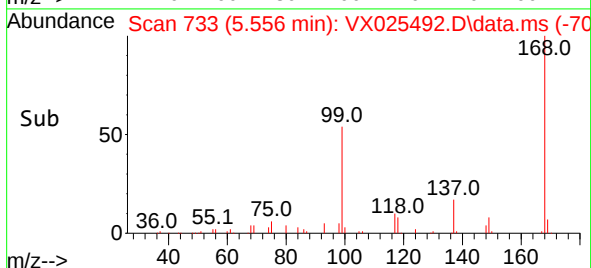
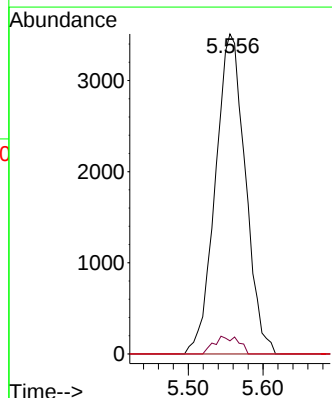
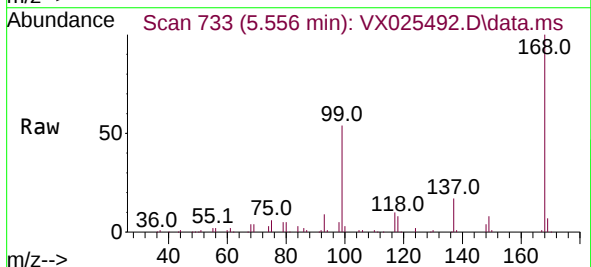
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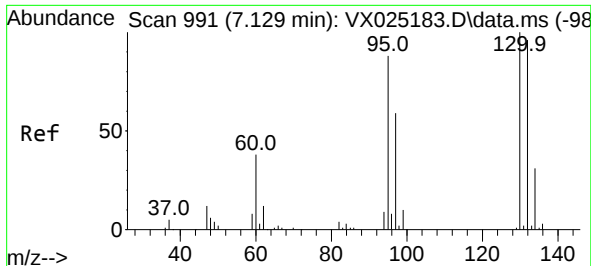
Tgt Ion: 75 Resp: 7183
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion: 117 Resp: 9784
Ion Ratio Lower Upper
117 100
119 4.1 75.6 113.4#
121 0.0 23.7 35.5#

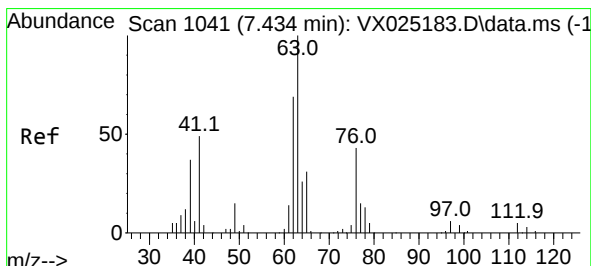
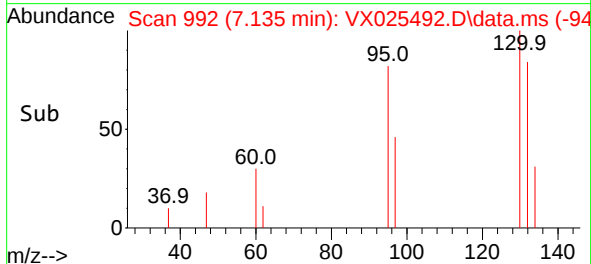
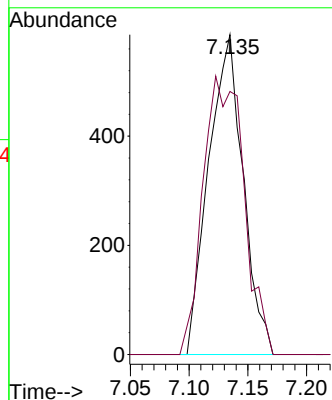
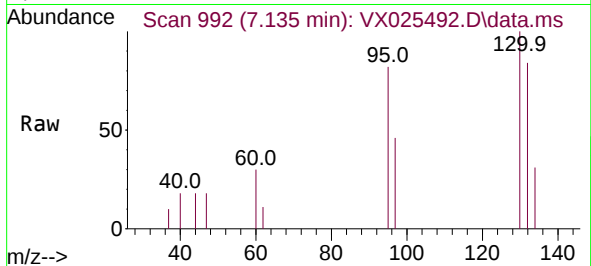




#44
Trichloroethene
Concen: 0.876 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

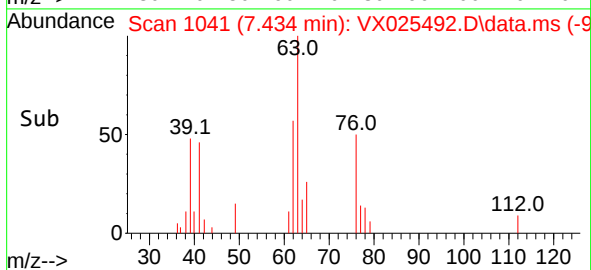
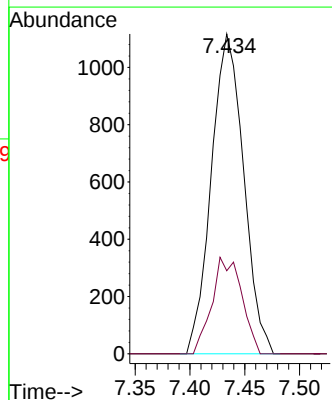
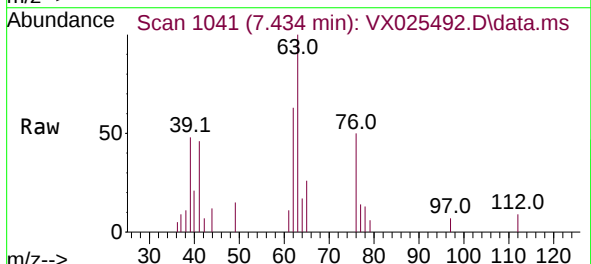
Instrument :
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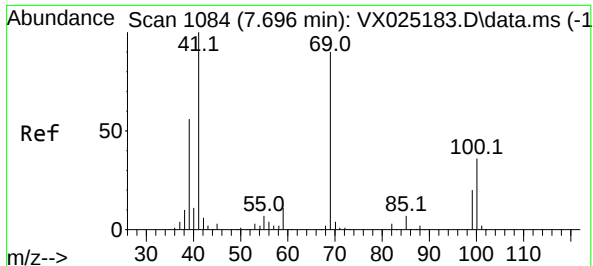
Tgt Ion:130 Resp: 1194
Ion Ratio Lower Upper
130 100
95 82.3 0.0 196.8



#45
1,2-Dichloropropane
Concen: 1.986 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion: 63 Resp: 2287
Ion Ratio Lower Upper
63 100
65 26.0 25.1 37.7

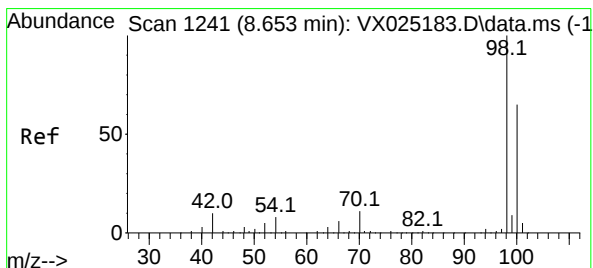
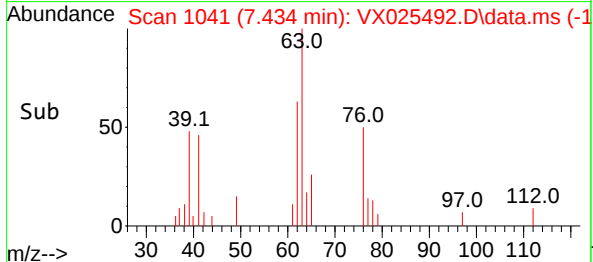
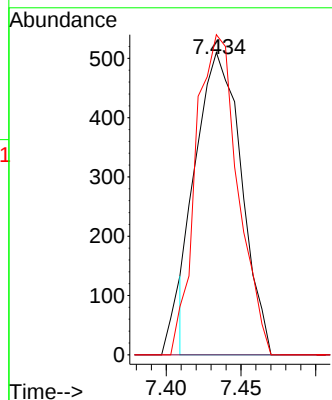
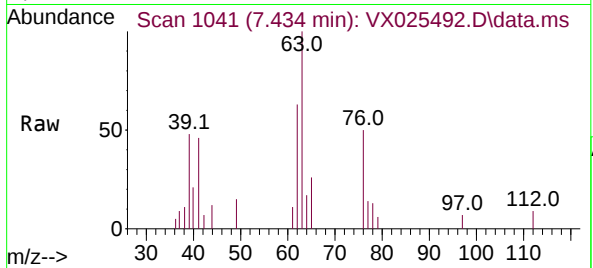




#48
Methyl methacrylate
Concen: 0.782 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.262 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

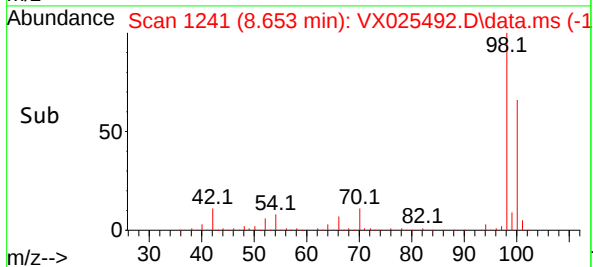
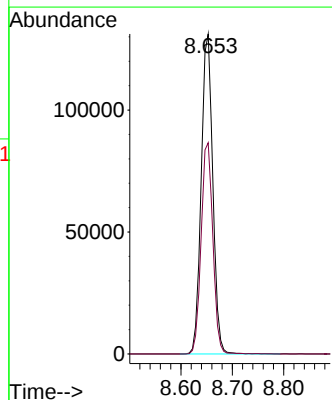
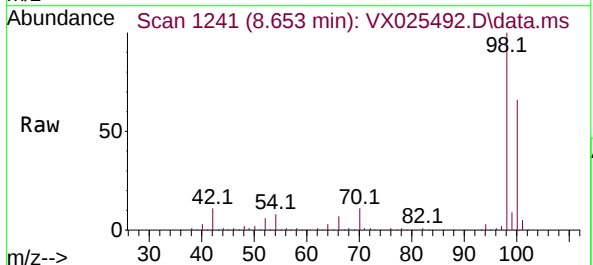
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20211202

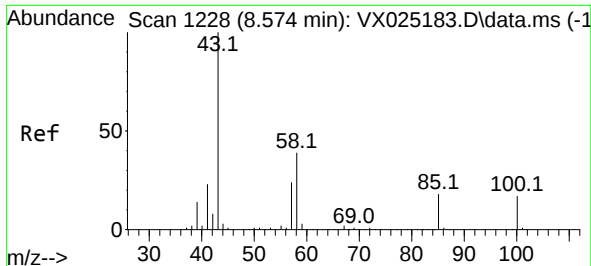
Tgt Ion: 41 Resp: 1076
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 95.6 46.9 70.3#



#50
Toluene-d8
Concen: 49.961 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion: 98 Resp: 204515
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.474 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX025492.D

Acq: 03 Dec 2021 19:03

Instrument :

MSVOA_X

ClientSampleId :

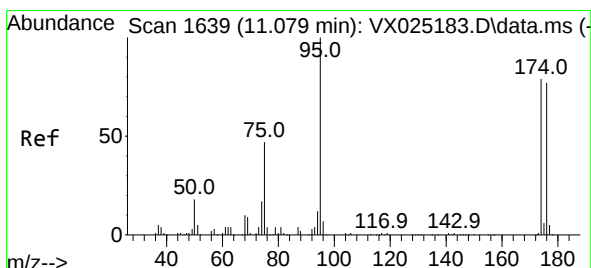
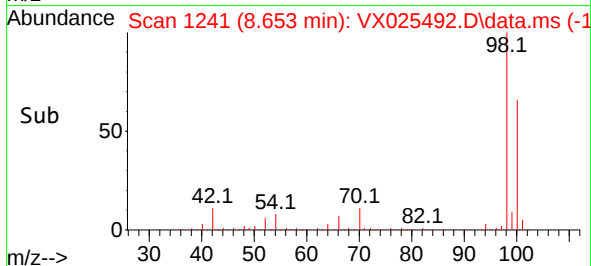
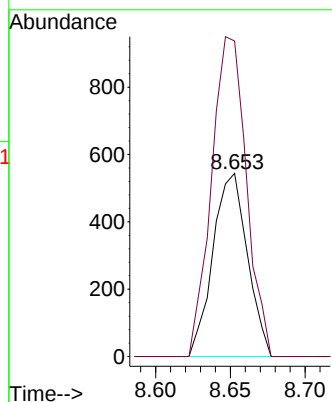
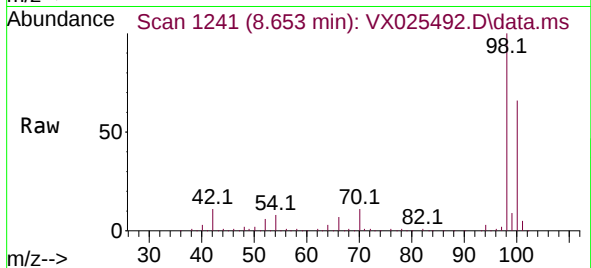
RE135D2-20211202

Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

58 177.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 45.037 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX025492.D

Acq: 03 Dec 2021 19:03

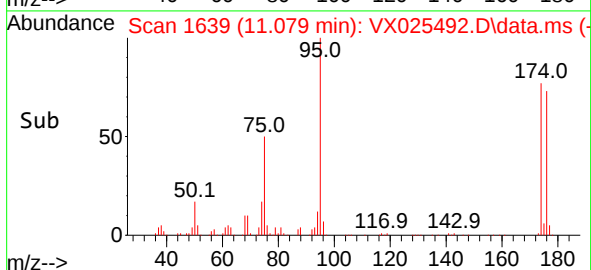
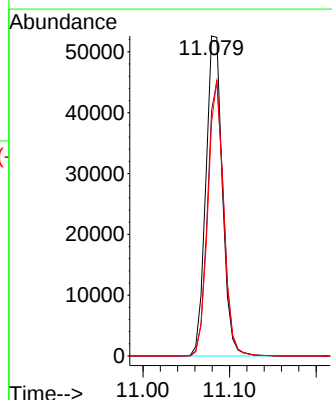
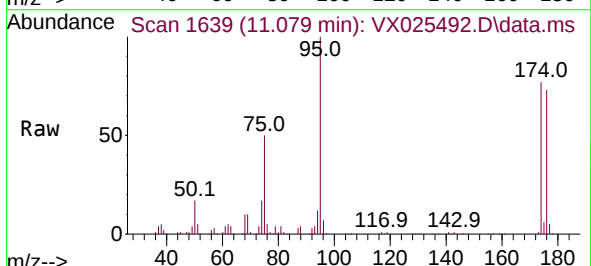
Tgt Ion: 95 Resp: 69745

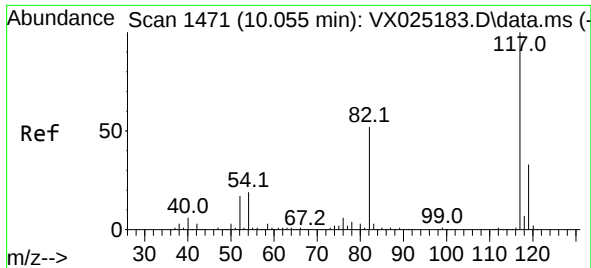
Ion Ratio Lower Upper

95 100

174 83.7 0.0 158.0

176 82.0 0.0 153.6

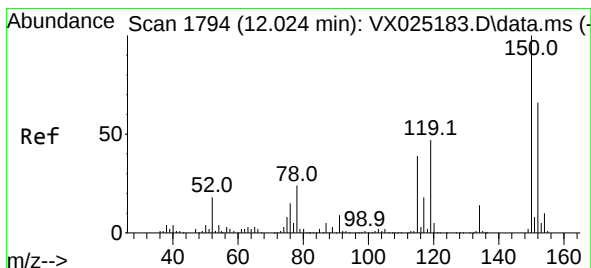
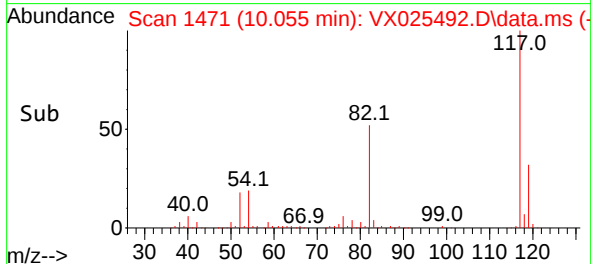
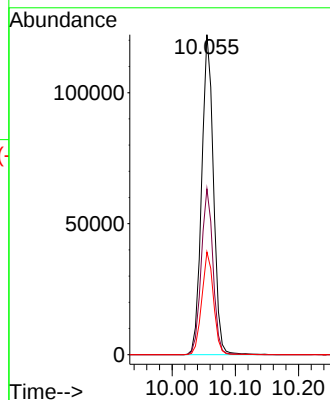
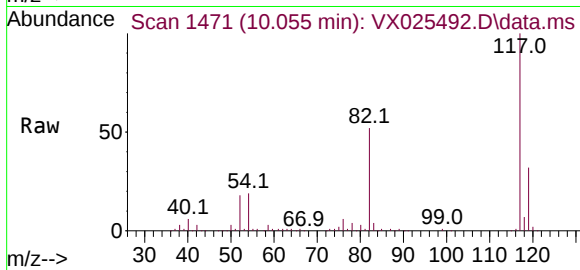




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

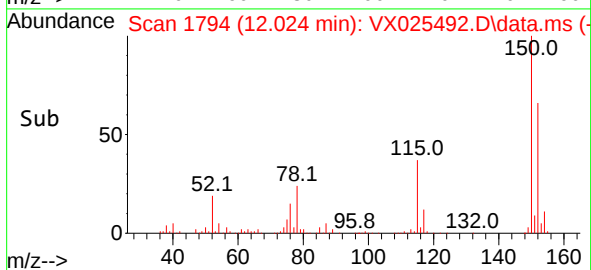
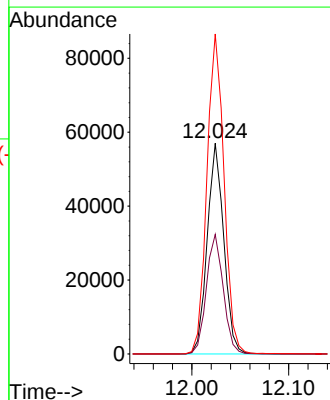
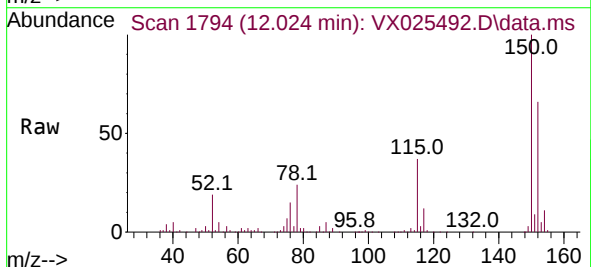
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20211202

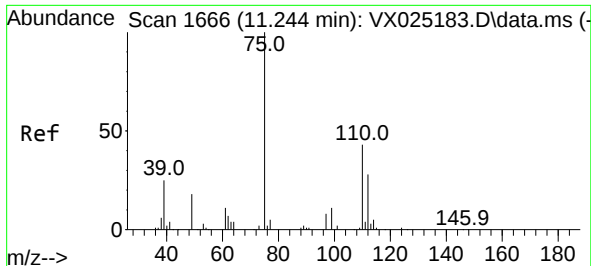
Tgt Ion:117 Resp: 158757
Ion Ratio Lower Upper
117 100
82 51.9 44.6 67.0
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion:152 Resp: 67923
Ion Ratio Lower Upper
152 100
115 57.9 43.3 129.8
150 157.3 0.0 351.2

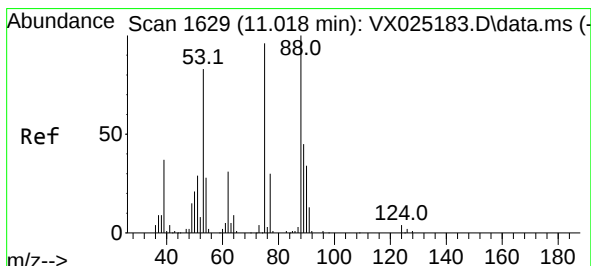
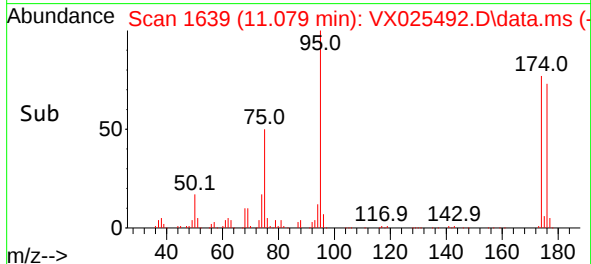
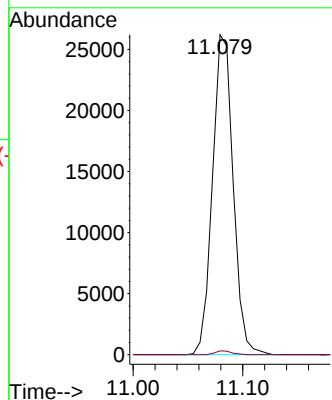
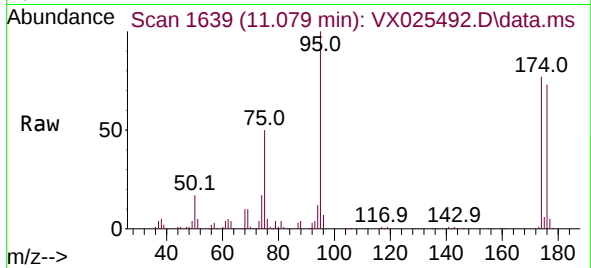




#76
1,2,3-Trichloropropane
Concen: 24.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20211202

Tgt Ion: 75 Resp: 34370
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025492.D
Acq: 03 Dec 2021 19:03

Tgt Ion: 75 Resp: 34370
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

