

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033317.D
 Acq On : 08 Dec 2022 12:46
 Operator : JC/MD
 Sample : N5911-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A3594TOG

Quant Time: Dec 09 00:45:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

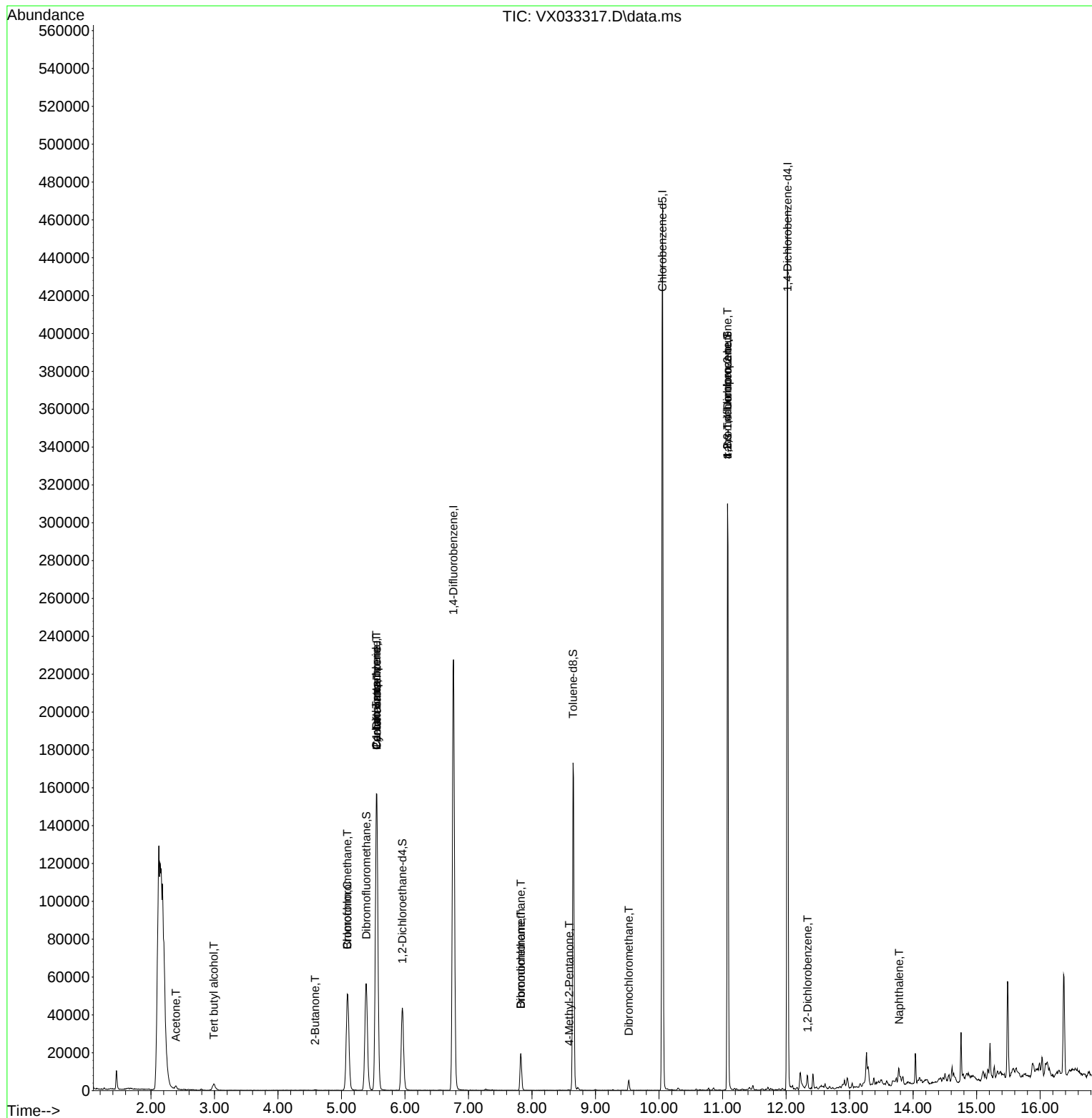
Internal Standards						
1) Pentafluorobenzene	5.556	168	151677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45220	46.472	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.940%		
35) Dibromofluoromethane	5.391	113	50459	46.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.920%		
50) Toluene-d8	8.647	98	107549	47.337	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.680%		
62) 4-Bromofluorobenzene	11.079	95	82448	47.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.920%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	5869	19.728	ug/l	96
16) Acetone	2.392	43	2720	3.778	ug/l	91
25) 2-Butanone	4.586	43	216	0.209	ug/l #	47
28) Bromochloromethane	5.092	49	4715	4.075	ug/l #	9
30) Chloroform	5.092	83	63916	20.827	ug/l	97
31) Cyclohexane	5.556	56	2872	1.242	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11310	5.341	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15567	6.562	ug/l #	15
46) Dibromomethane	7.824	93	375	0.312	ug/l #	4
47) Bromodichloromethane	7.824	83	12879	5.493	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	461	0.226	ug/l #	36
60) Dibromochloromethane	9.525	129	2659	1.438	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	42482	21.238	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42482	66.065	ug/l #	6
91) 1,2-Dichlorobenzene	12.341	146	2266	0.695	ug/l	96
95) Naphthalene	13.780	128	5124	0.780	ug/l	96

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

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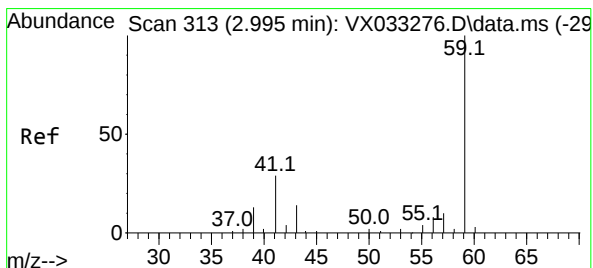
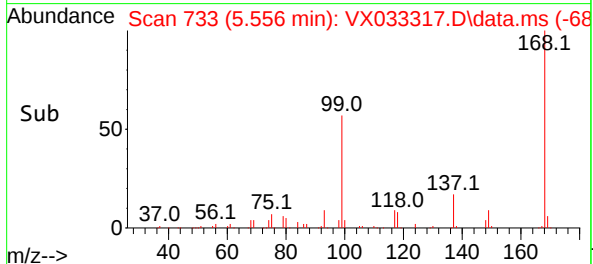
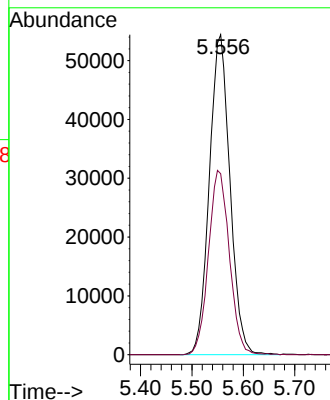
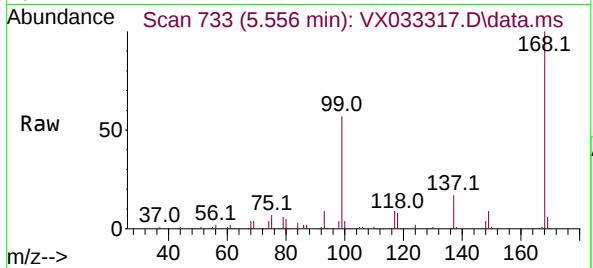




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

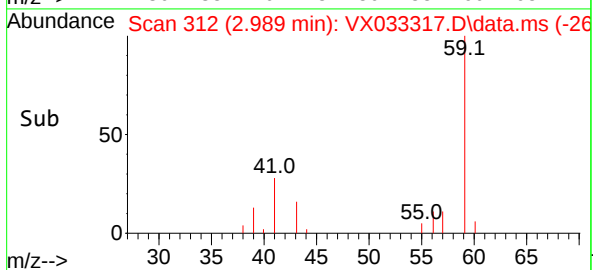
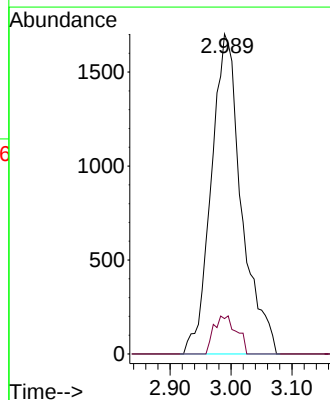
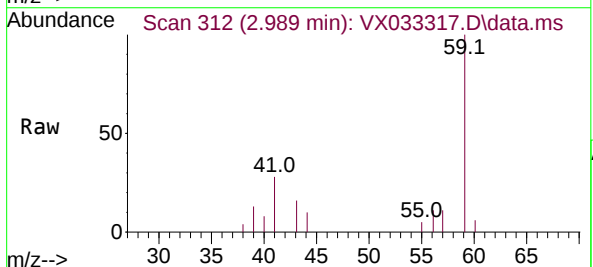
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

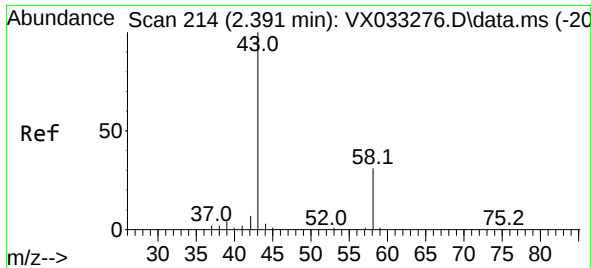
Tgt Ion:168 Resp: 151677
Ion Ratio Lower Upper
168 100
99 56.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 19.728 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Tgt Ion: 59 Resp: 5869
Ion Ratio Lower Upper
59 100
57 8.9 8.2 12.4

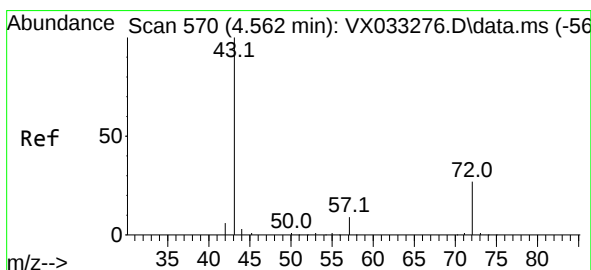
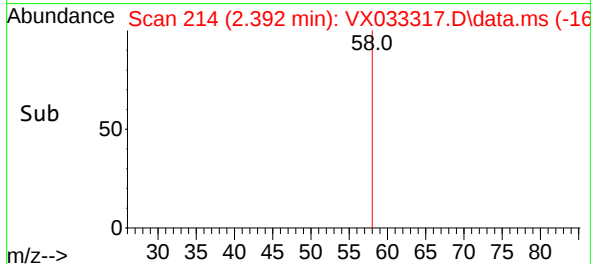
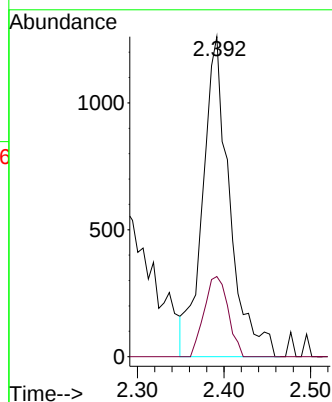
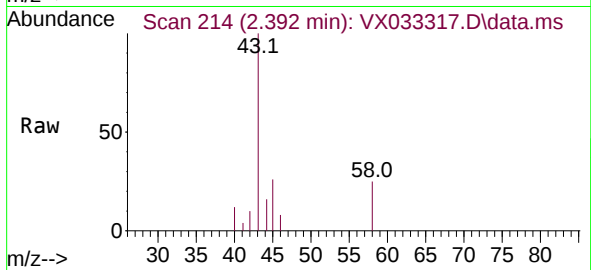




#16
Acetone
Concen: 3.778 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

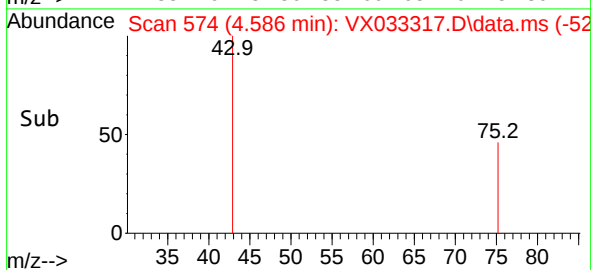
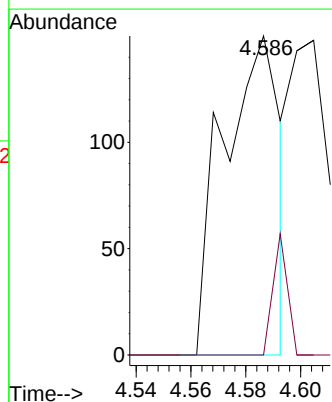
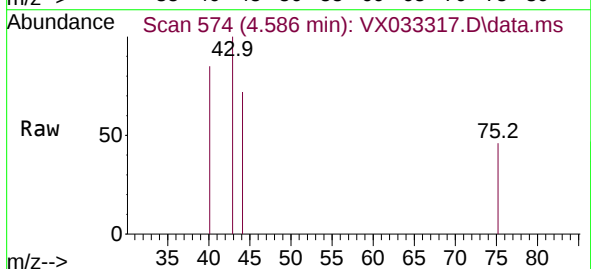
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

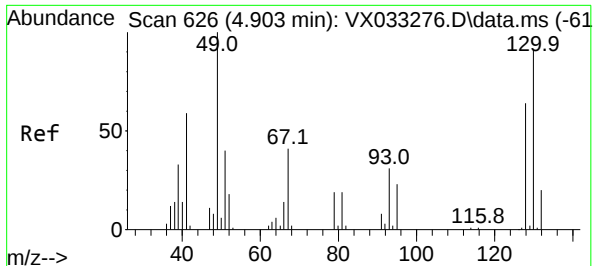
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 25.1 23.8 35.8



#25
2-Butanone
Concen: 0.209 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#

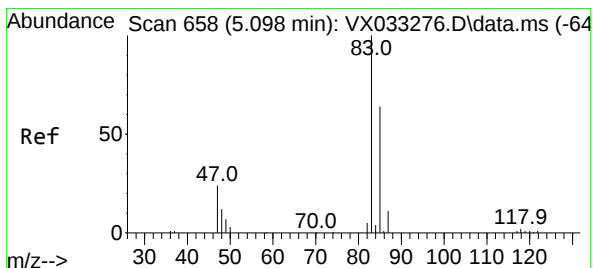
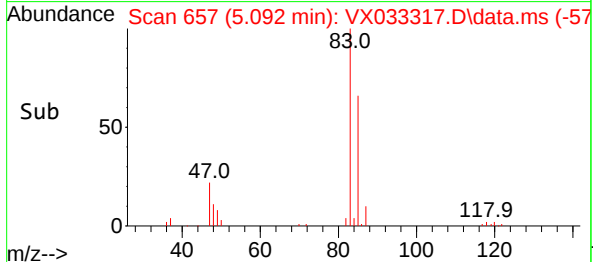
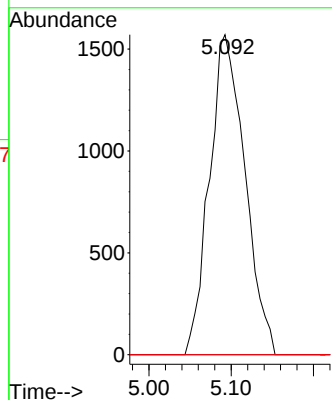
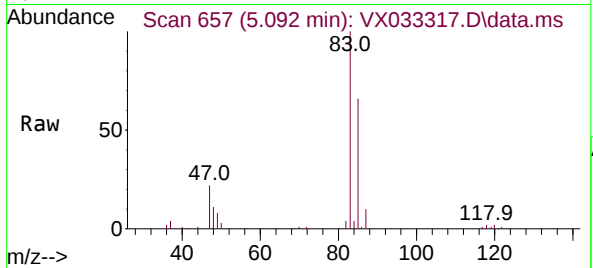




#28
Bromochloromethane
Concen: 4.075 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

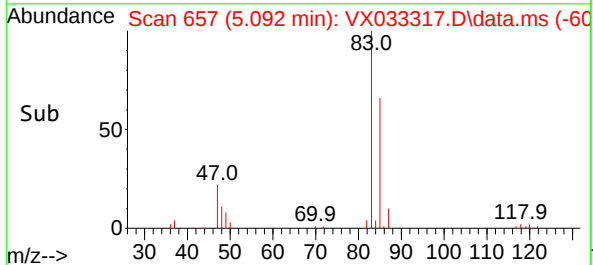
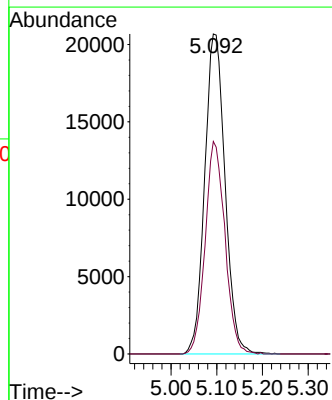
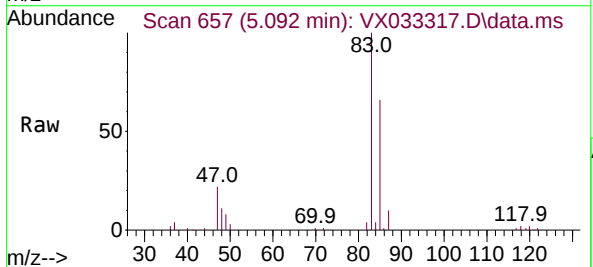
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

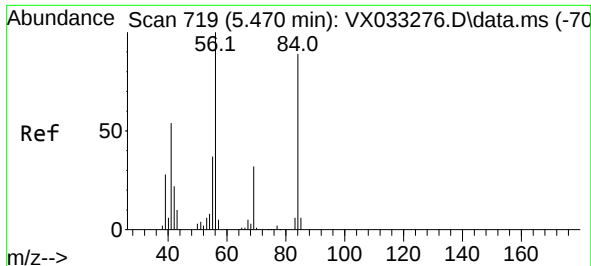
Tgt Ion: 49 Resp: 4715
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 20.827 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

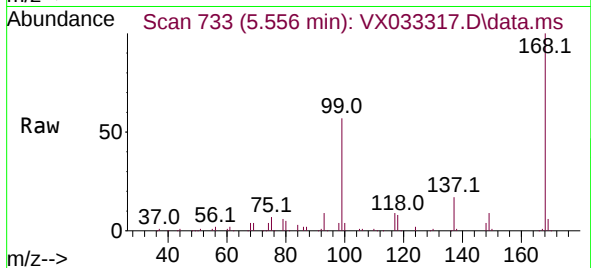
Tgt Ion: 83 Resp: 63916
Ion Ratio Lower Upper
83 100
85 66.4 51.1 76.7



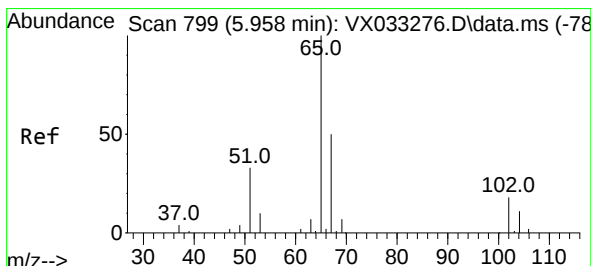
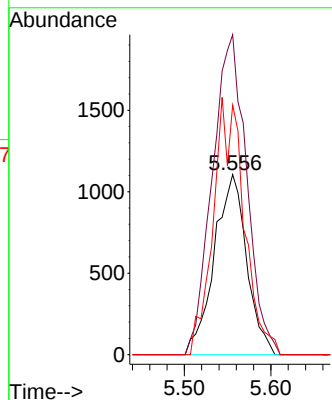
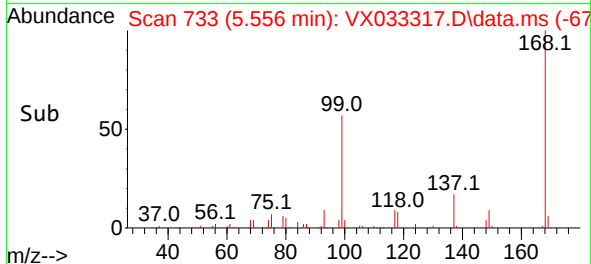


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

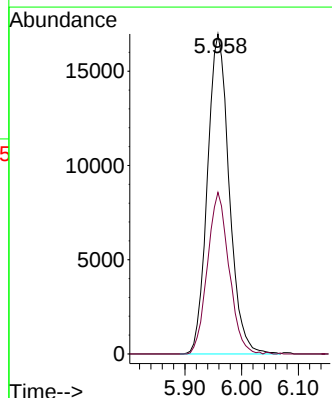
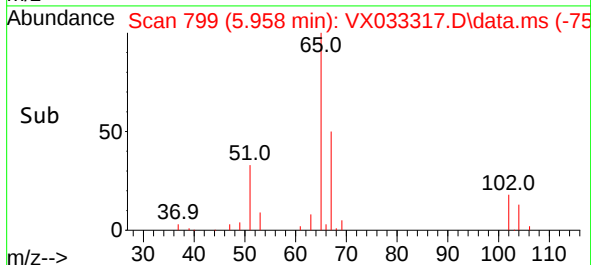
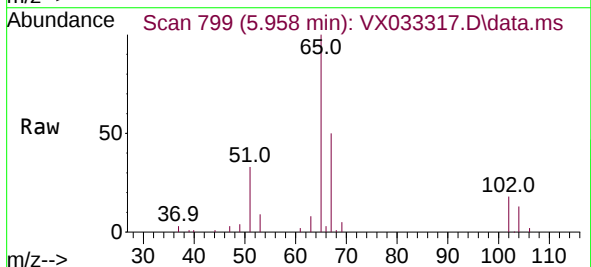


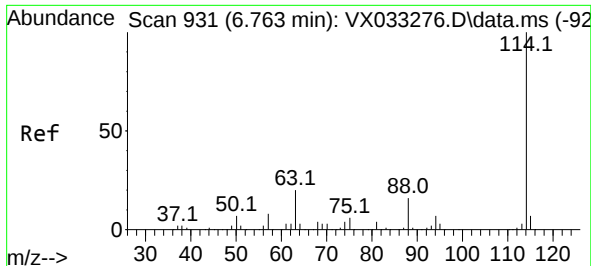
Tgt Ion: 56 Resp: 2872
Ion Ratio Lower Upper
56 100
69 177.6 24.1 36.1#
84 138.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 46.472 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Tgt Ion: 65 Resp: 45220
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

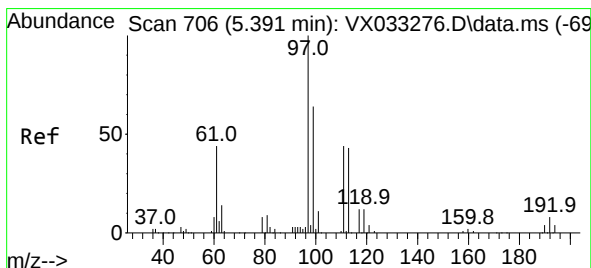
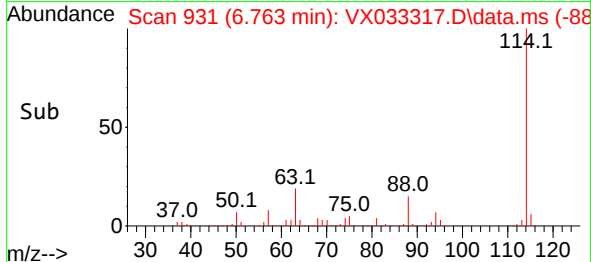
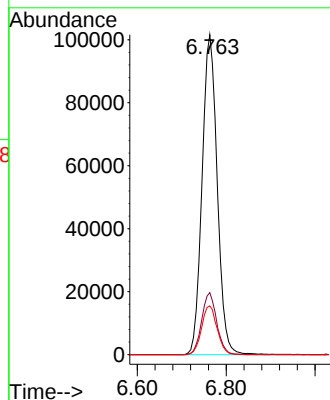
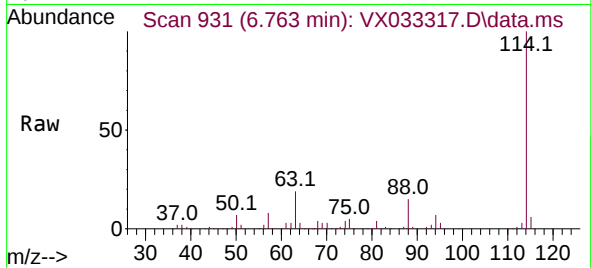




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

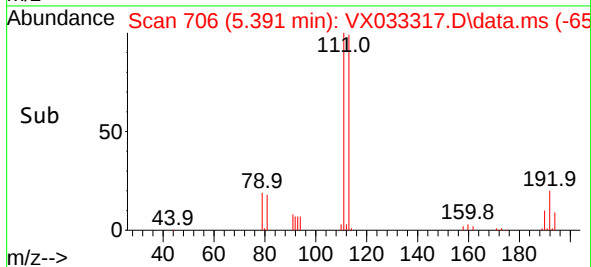
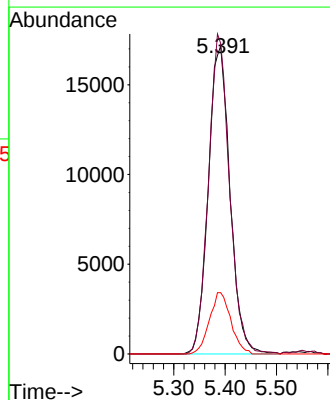
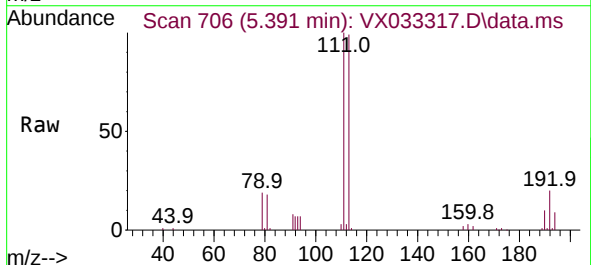
Instrument :
MSVOA_X
ClientSampleId :
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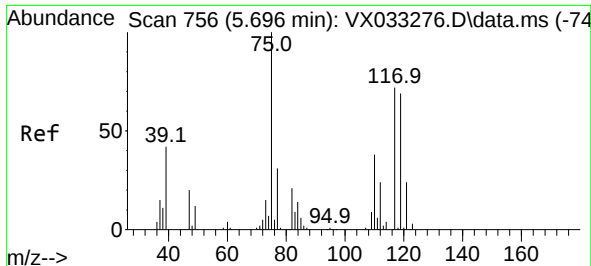
Tgt Ion:114 Resp: 241463
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.461 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Tgt Ion:113 Resp: 50459
Ion Ratio Lower Upper
113 100
111 100.8 82.4 123.6
192 19.6 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.341 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX033317.D

Acq: 08 Dec 2022 12:46

Instrument :

MSVOA_X

ClientSampleId :

A3594TOG

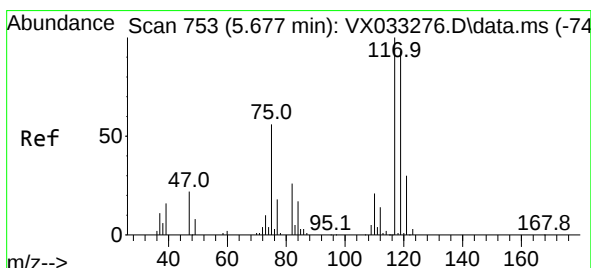
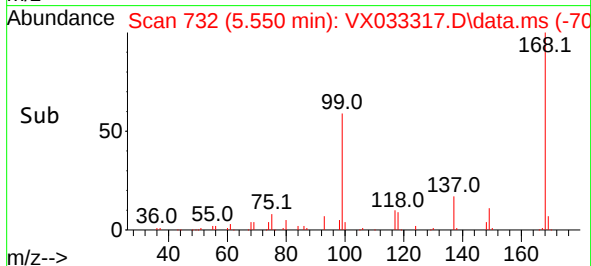
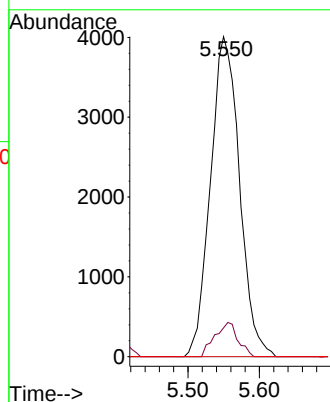
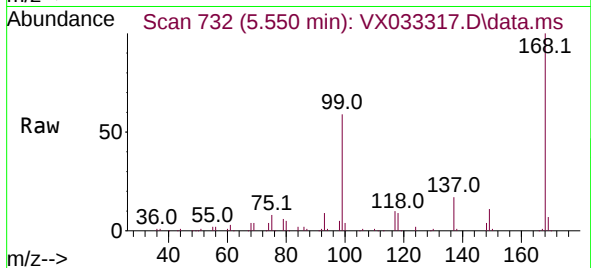
Tgt Ion: 75 Resp: 11310

Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.562 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX033317.D

Acq: 08 Dec 2022 12:46

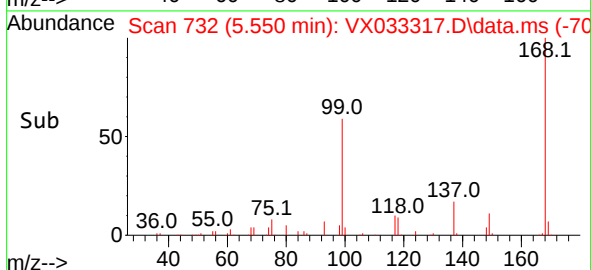
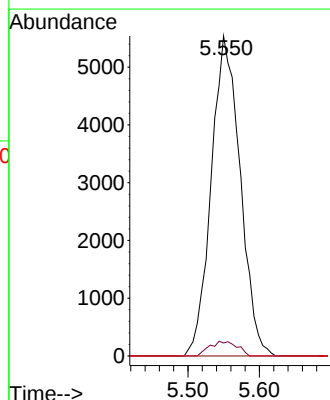
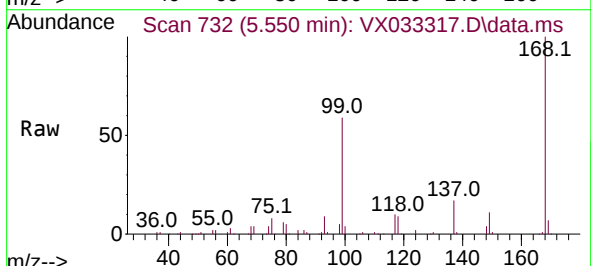
Tgt Ion: 117 Resp: 15567

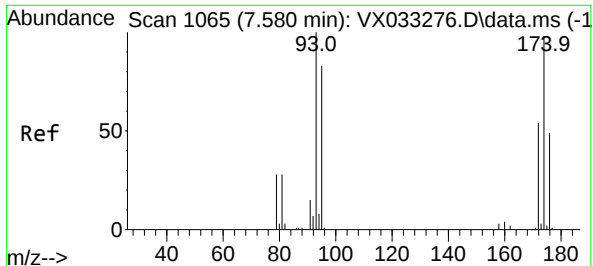
Ion Ratio Lower Upper

117 100

119 4.0 77.2 115.8#

121 0.0 25.8 38.6#

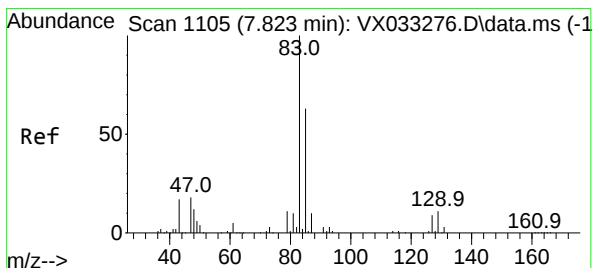
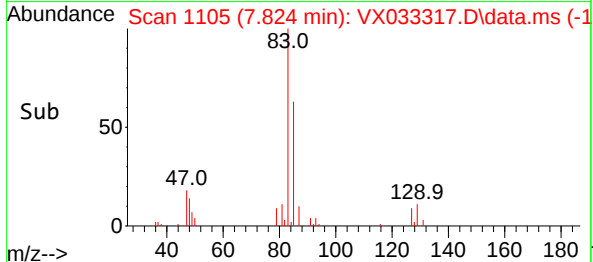
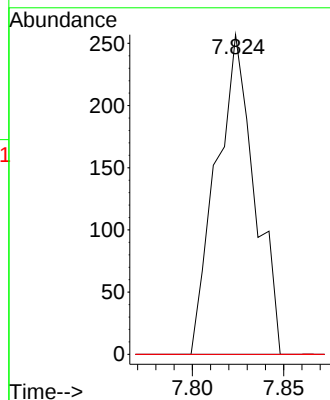
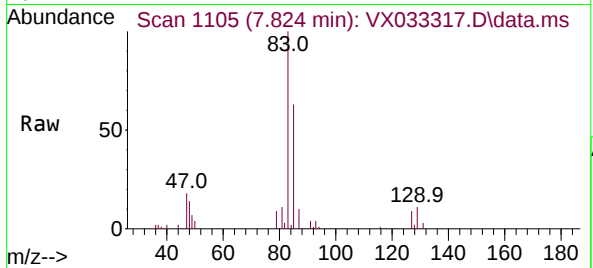




#46
Dibromomethane
Concen: 0.312 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.244 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

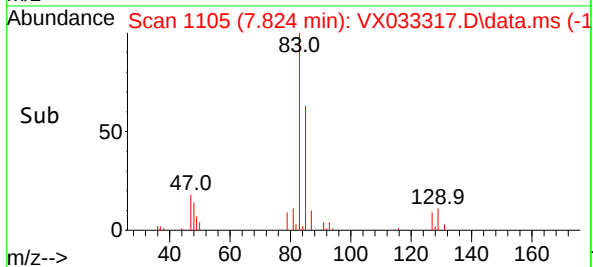
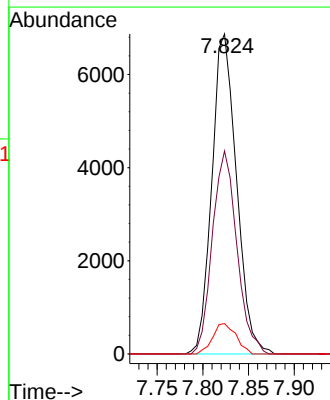
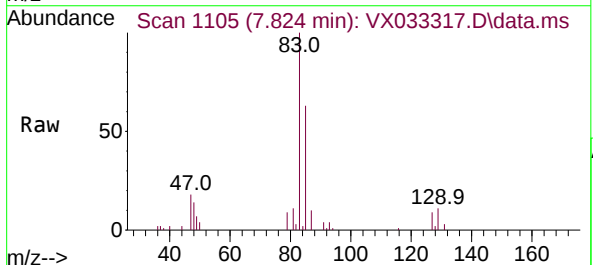
Instrument :
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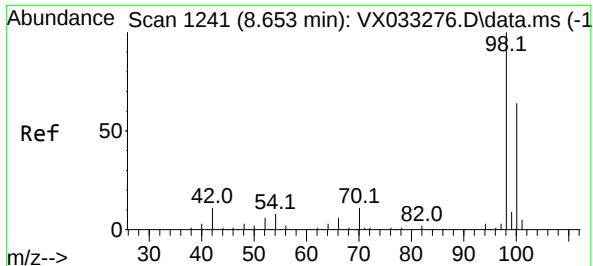
Tgt Ion: 93 Resp: 375
Ion Ratio Lower Upper
93 100
95 0.0 65.8 98.8#
174 0.0 79.8 119.6#



#47
Bromodichloromethane
Concen: 5.493 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Tgt Ion: 83 Resp: 12879
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 9.5 7.4 11.2





#50

Toluene-d8

Concen: 47.337 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033317.D

Acq: 08 Dec 2022 12:46

Instrument :

MSVOA_X

ClientSampleId :

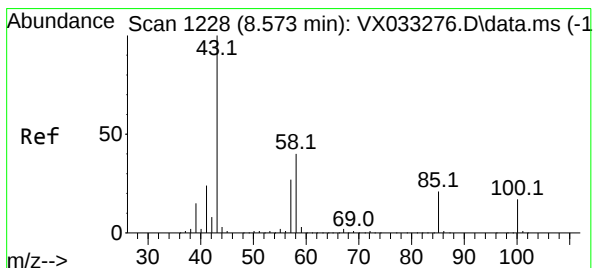
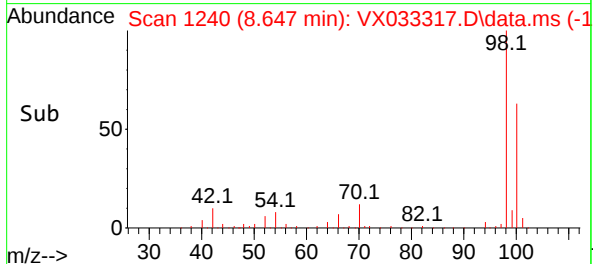
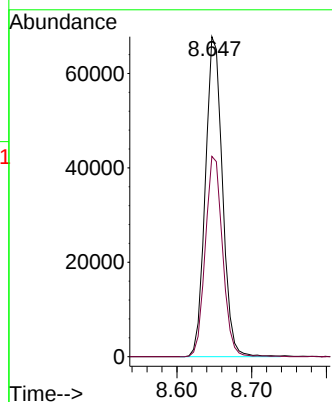
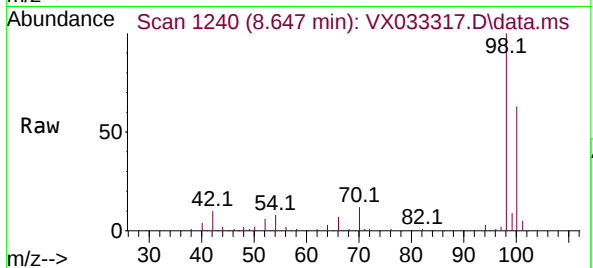
A3594TOG

Tgt Ion: 98 Resp: 107549

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.226 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VX033317.D

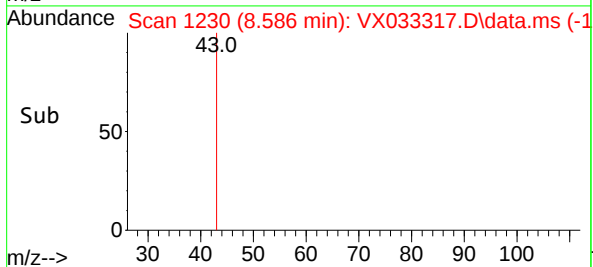
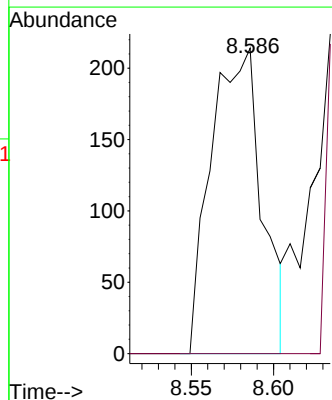
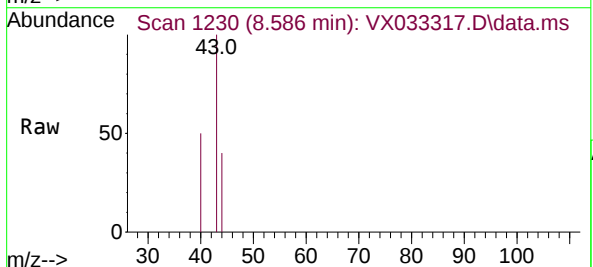
Acq: 08 Dec 2022 12:46

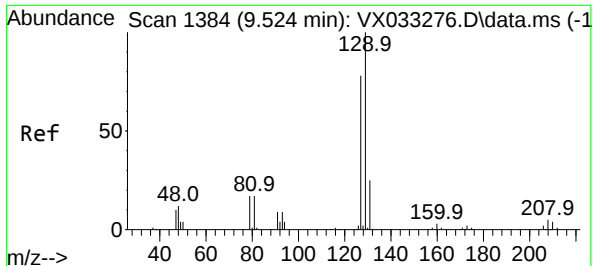
Tgt Ion: 43 Resp: 461

Ion Ratio Lower Upper

43 100

58 0.0 30.9 46.3#





#60

Dibromochloromethane

Concen: 1.438 ug/l

RT: 9.525 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033317.D

Acq: 08 Dec 2022 12:46

Instrument :

MSVOA_X

ClientSampleId :

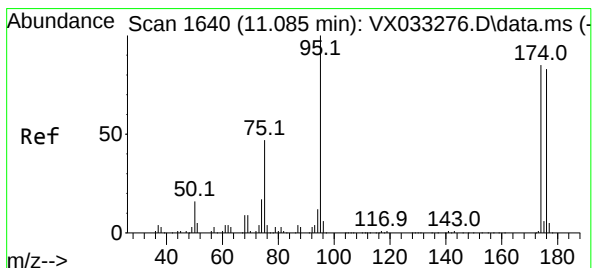
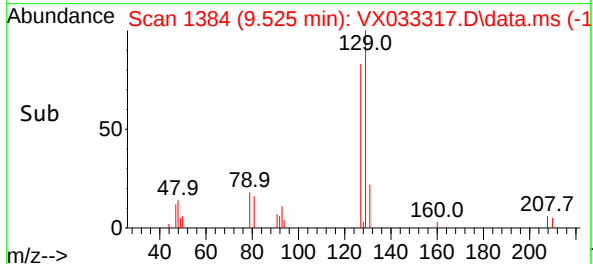
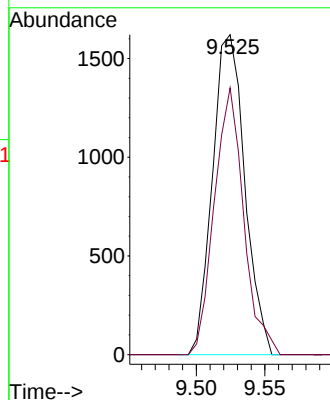
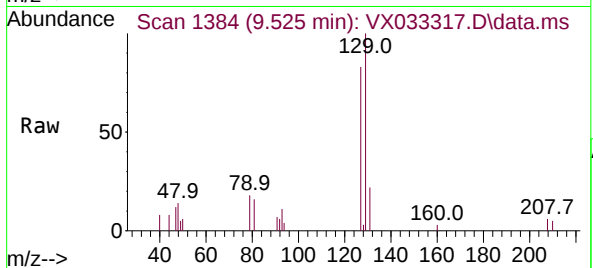
A3594TOG

Tgt Ion:129 Resp: 2659

Ion Ratio Lower Upper

129 100

127 75.7 38.6 115.8



#62

4-Bromofluorobenzene

Concen: 47.461 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033317.D

Acq: 08 Dec 2022 12:46

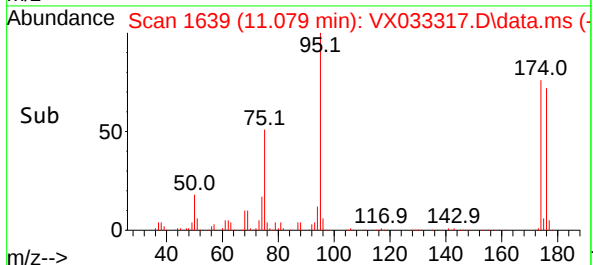
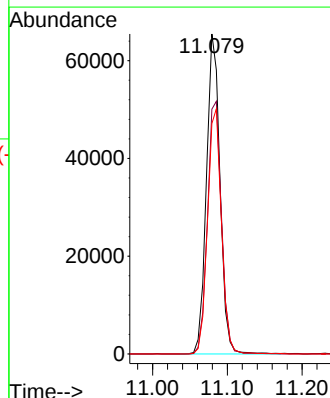
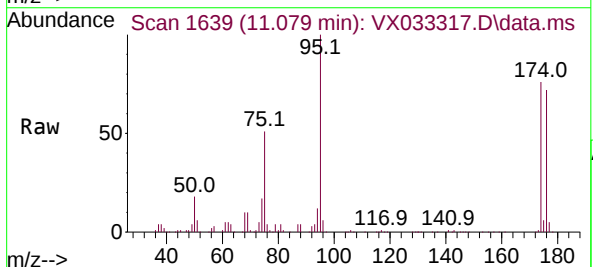
Tgt Ion: 95 Resp: 82448

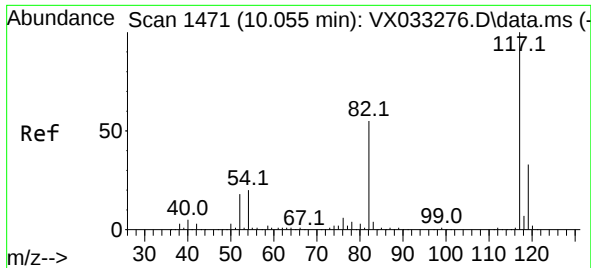
Ion Ratio Lower Upper

95 100

174 81.7 0.0 164.0

176 78.5 0.0 154.4

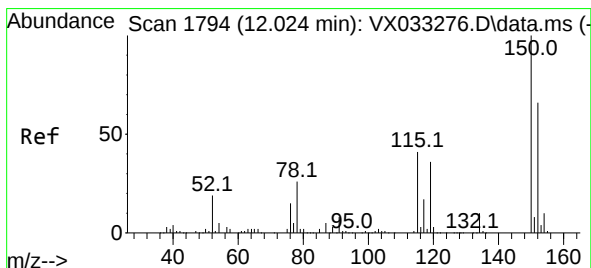
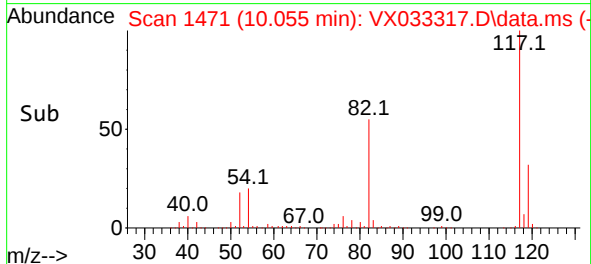
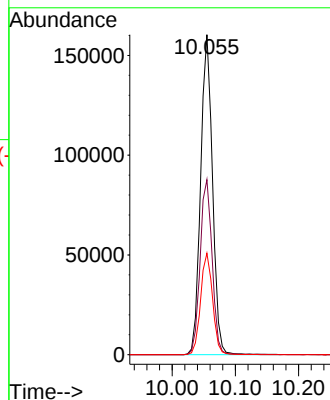
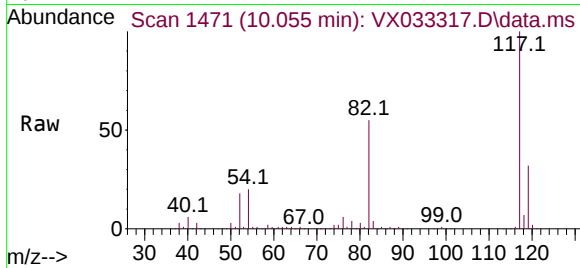




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

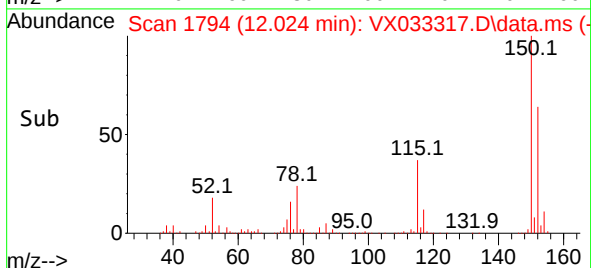
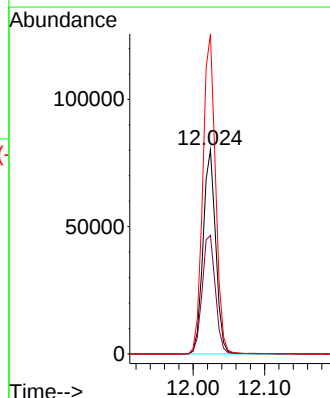
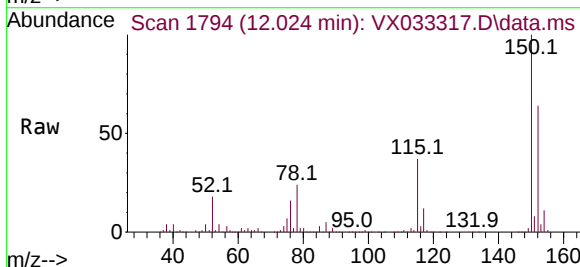
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

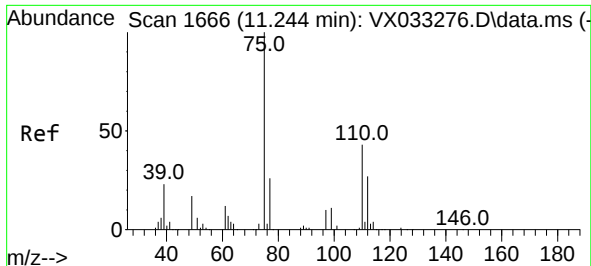
Tgt Ion:117 Resp: 209762
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Tgt Ion:152 Resp: 98317
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 158.2 0.0 351.8

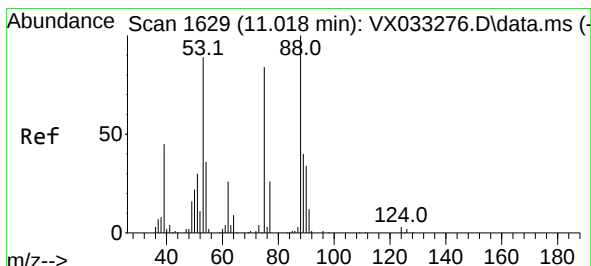
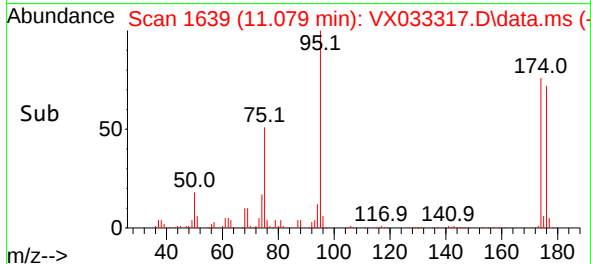
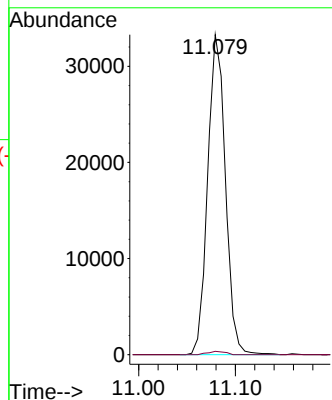
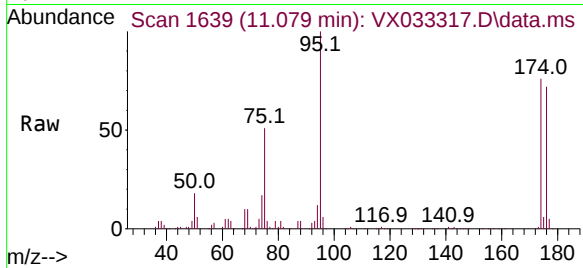




#76
1,2,3-Trichloropropane
Concen: 21.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

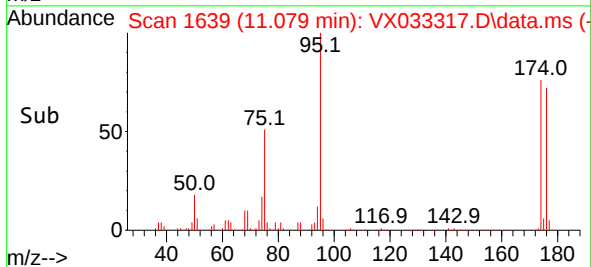
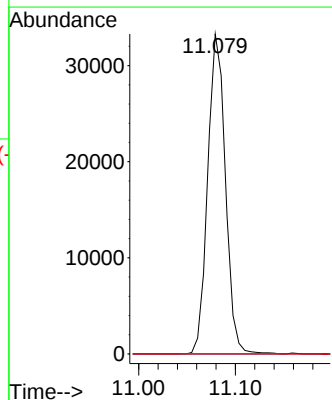
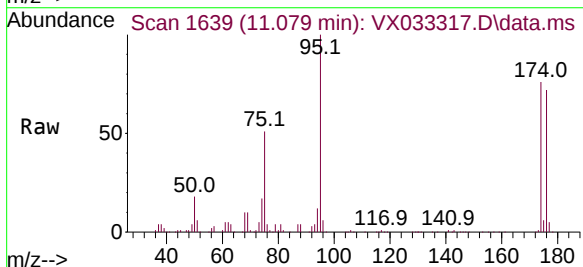
Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

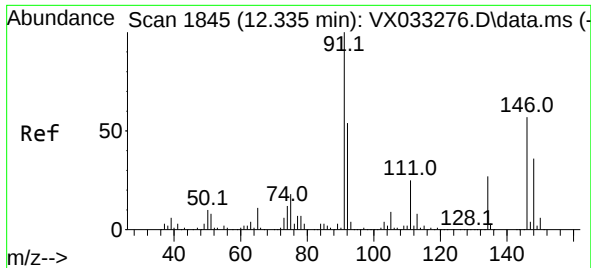
Tgt Ion: 75 Resp: 42482
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Tgt Ion: 75 Resp: 42482
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

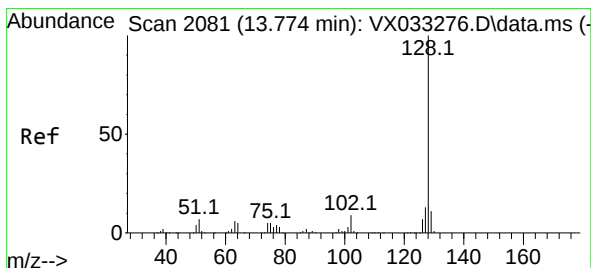
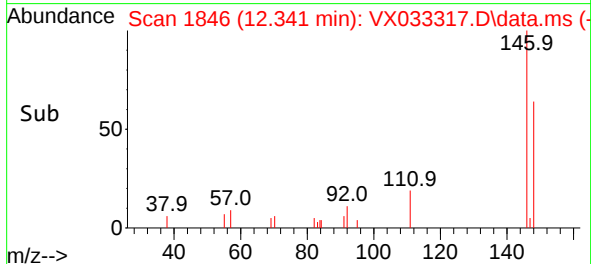
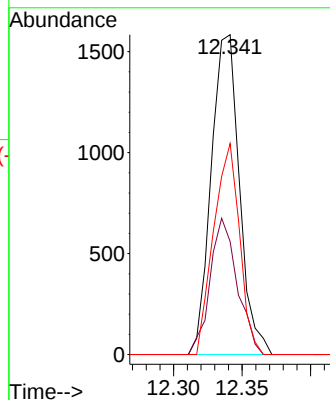
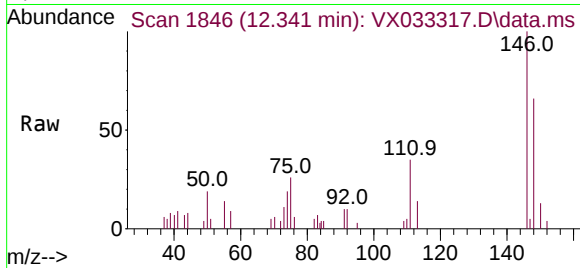




#91
1,2-Dichlorobenzene
Concen: 0.695 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Instrument :
MSVOA_X
ClientSampleId :
A3594TOG

Tgt Ion:146	Resp:	2266
Ion Ratio	Lower	Upper
146	100	
111	41.2	21.5 64.5
148	60.5	32.0 96.2



#95
Naphthalene
Concen: 0.780 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033317.D
Acq: 08 Dec 2022 12:46

Tgt Ion:128	Resp:	5124
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.2 15.4
129	12.7	8.9 13.3

