

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032583.D
 Acq On : 04 Nov 2022 17:48
 Operator : JC/MD
 Sample : N5490-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:39:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

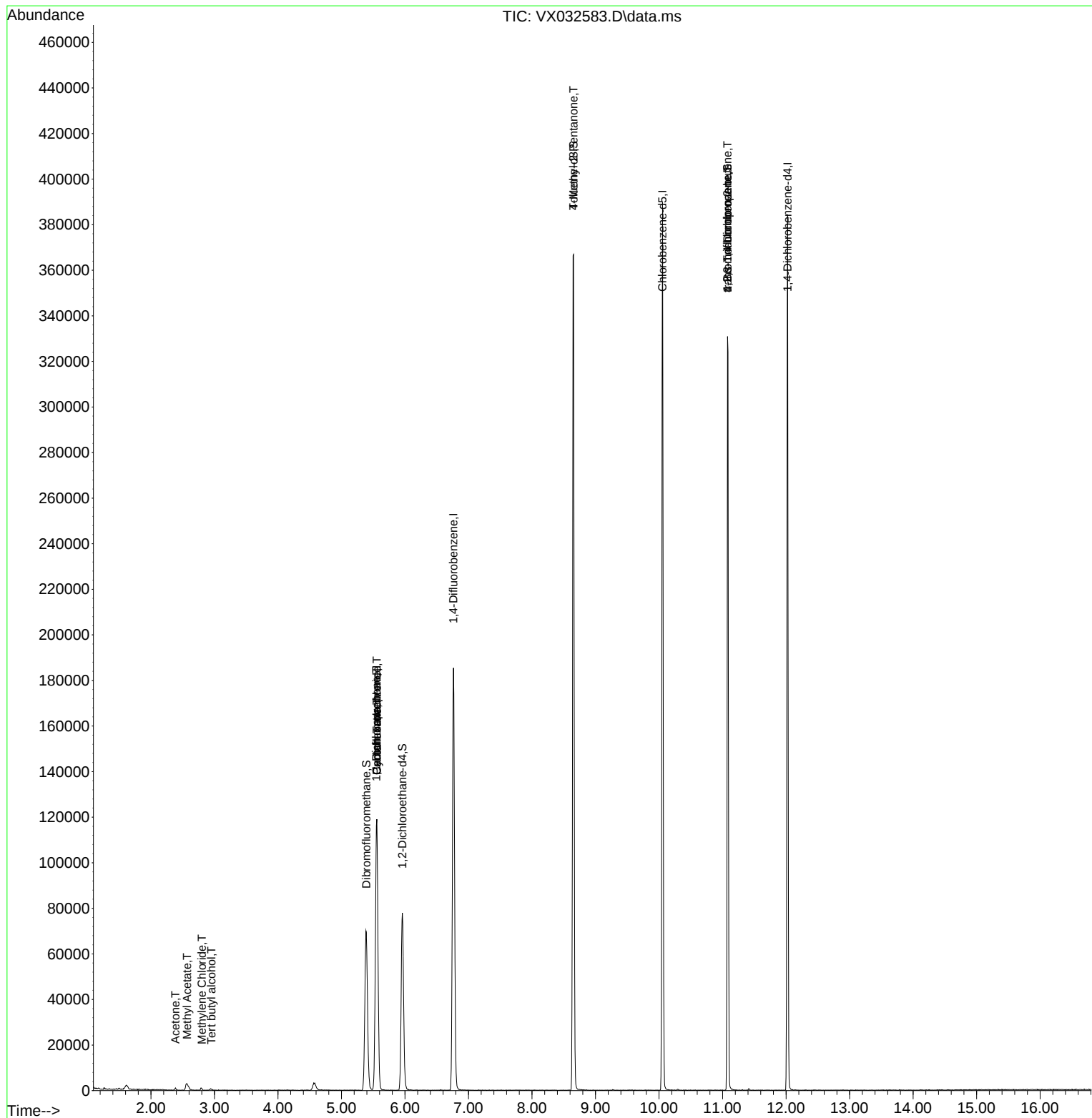
Internal Standards						
1) Pentafluorobenzene	5.556	168	111842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77269	49.722	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.440%		
35) Dibromofluoromethane	5.391	113	60260	45.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.160%		
50) Toluene-d8	8.653	98	223576	48.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.200%		
62) 4-Bromofluorobenzene	11.079	95	84457	46.519	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	471	2.082	ug/l #	72
16) Acetone	2.386	43	1010	1.788	ug/l	93
18) Methyl Acetate	2.569	43	1701	0.926	ug/l #	51
20) Methylene Chloride	2.800	84	426	0.329	ug/l #	68
31) Cyclohexane	5.556	56	2349	1.247	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	8745	4.698	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11846	5.738	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1001	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45941	26.938	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45941	85.719	ug/l #	6

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

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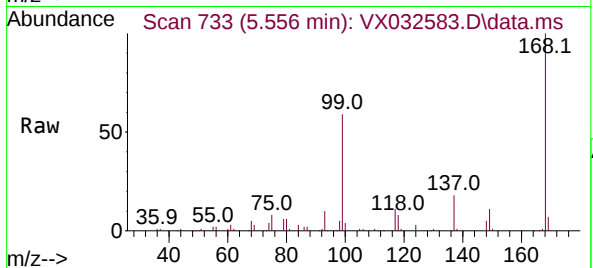


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

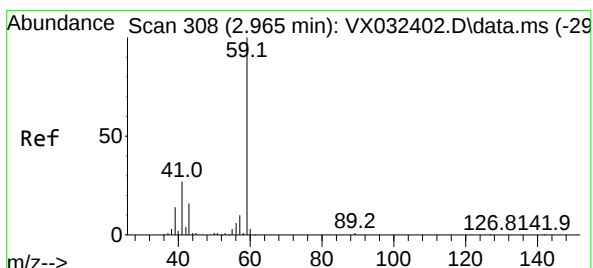
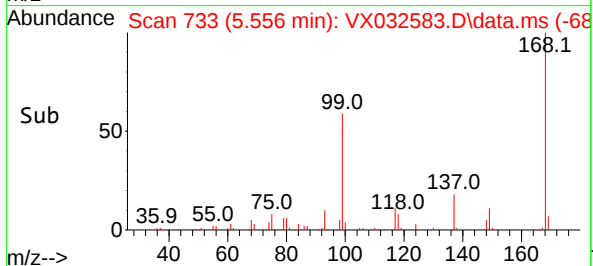
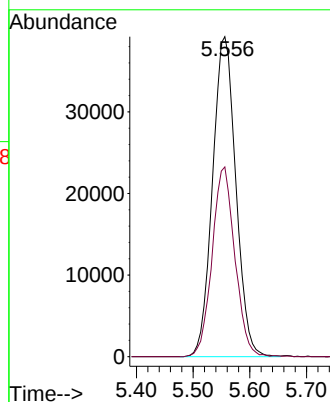
Instrument :

MSVOA_X

ClientSampleId :

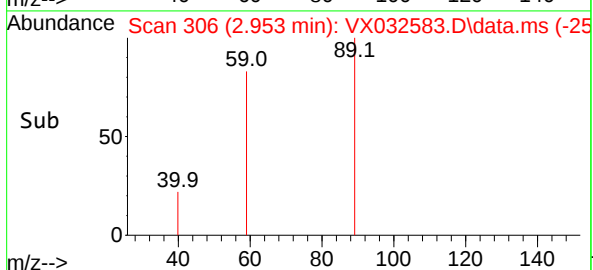
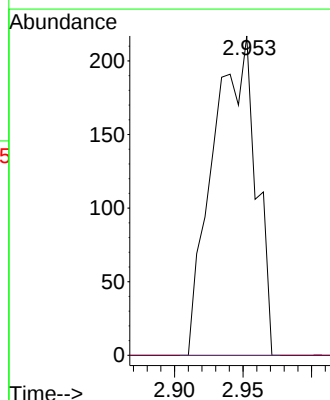
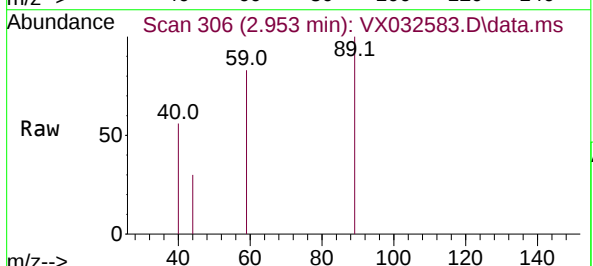


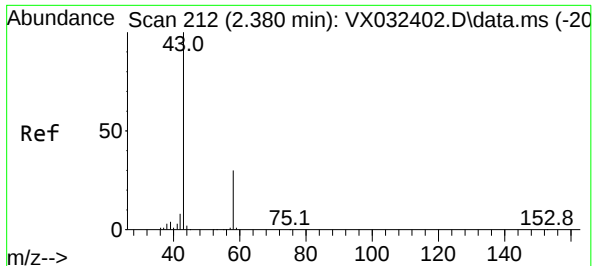
Tgt Ion:168 Resp: 111842
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 2.082 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

Tgt Ion: 59 Resp: 471
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

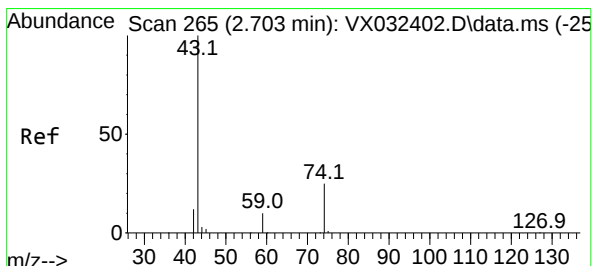
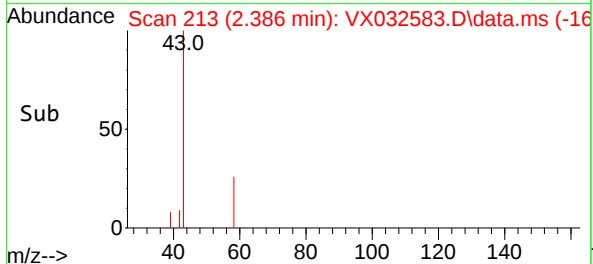
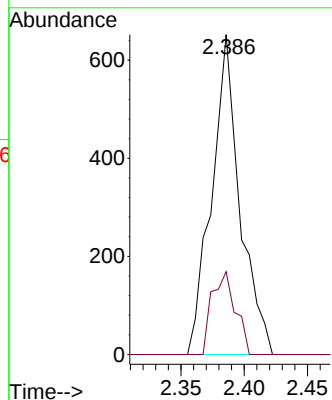
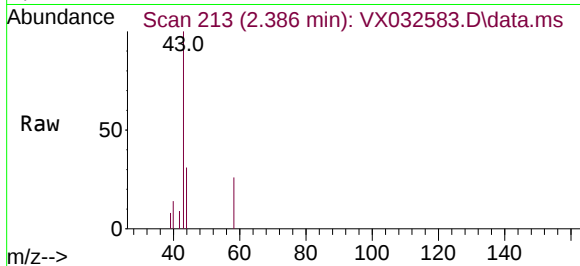




#16
Acetone
Concen: 1.788 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

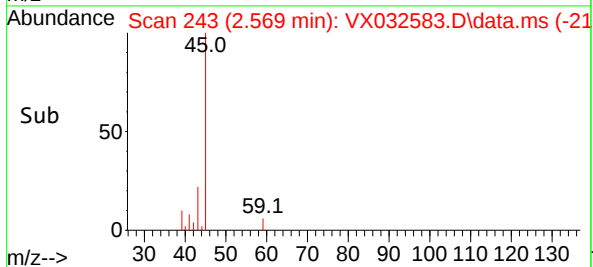
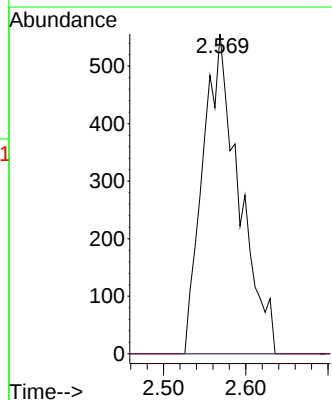
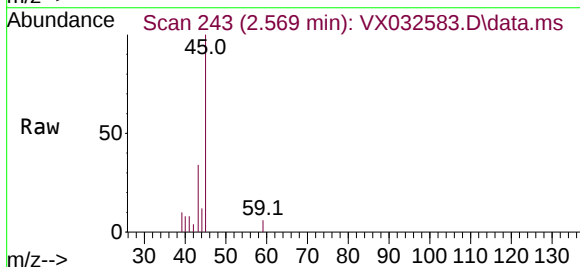
Instrument :
MSVOA_X
ClientSampleId :

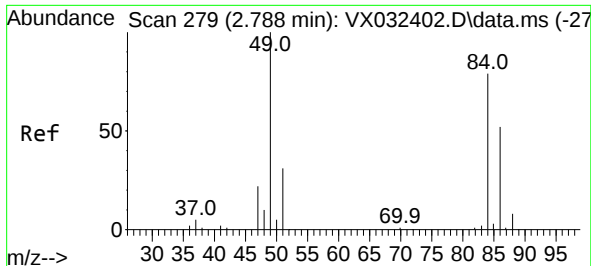
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.8



#18
Methyl Acetate
Concen: 0.926 ug/l
RT: 2.569 min Scan# 243
Delta R.T. -0.134 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

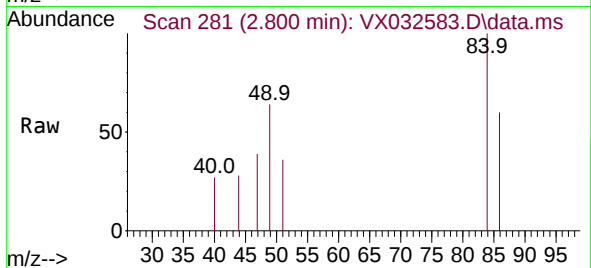
Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



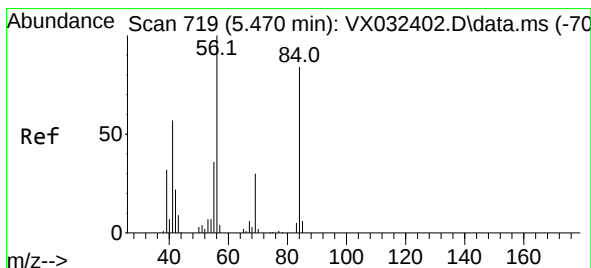
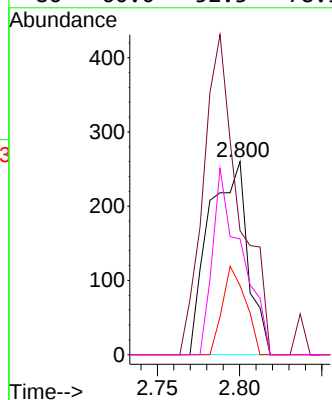
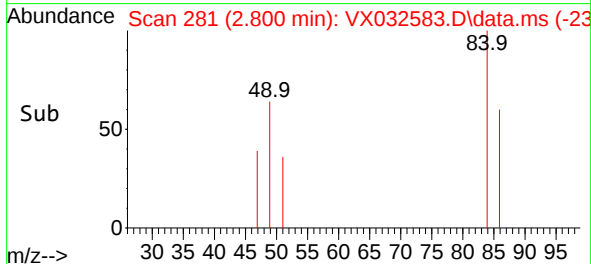


#20
Methylene Chloride
Concen: 0.329 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :

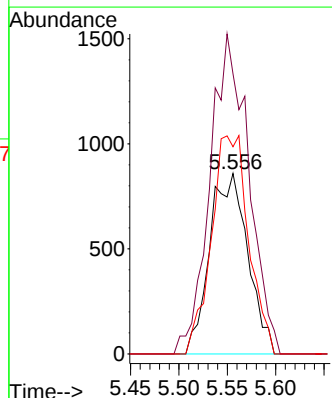
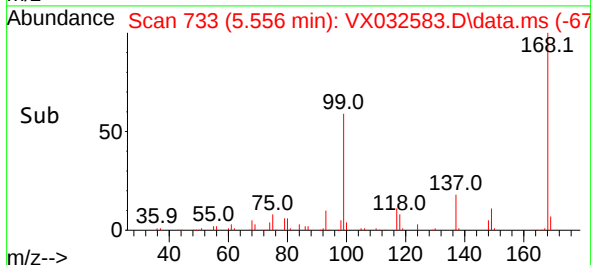
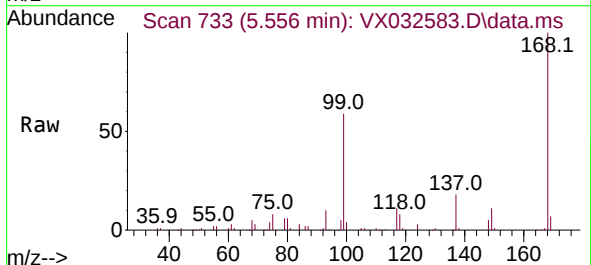


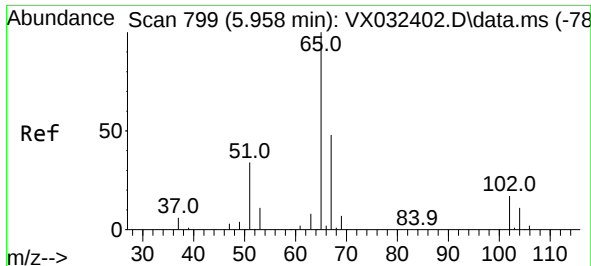
Tgt Ion: 84	Resp: 426
Ion Ratio	Lower Upper
84 100	
49 64.2	101.0 151.6#
51 35.8	31.1 46.7
86 60.0	52.3 78.5



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

Tgt Ion: 56	Resp: 2349		
Ion Ratio	Lower	Upper	
56	100		
69	155.2	24.1	36.1#
84	114.8	66.9	100.3#

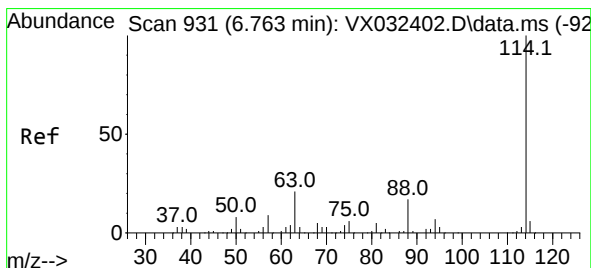
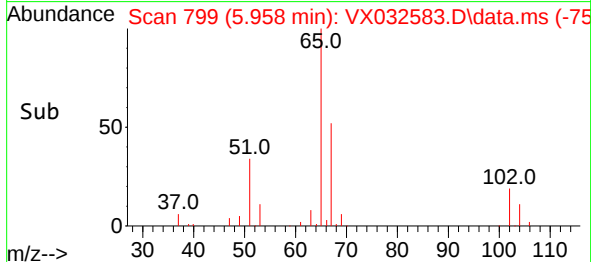
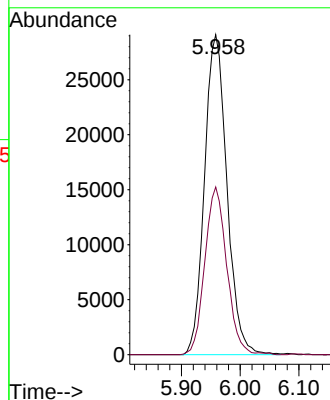
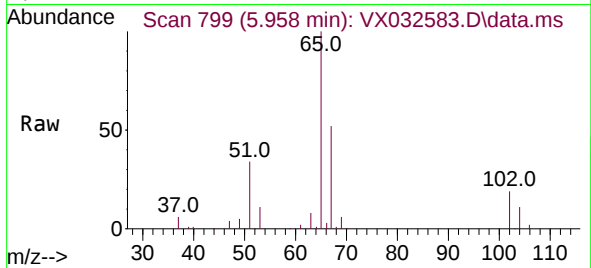




#33
 1,2-Dichloroethane-d4
 Concen: 49.722 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032583.D
 Acq: 04 Nov 2022 17:48

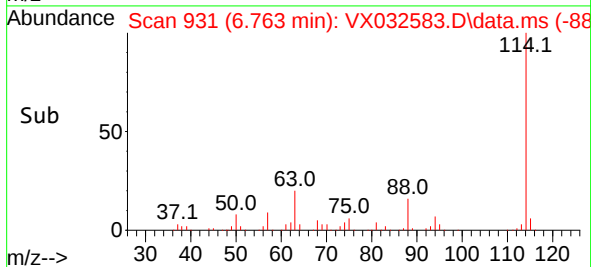
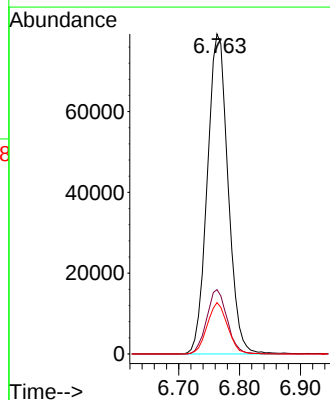
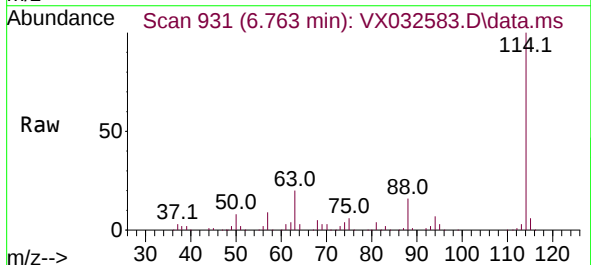
Instrument :
 MSVOA_X
 ClientSampleId :

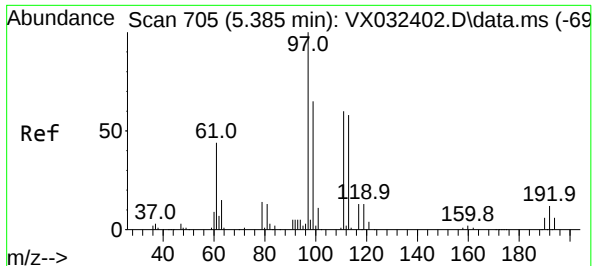
Tgt Ion: 65 Resp: 77269
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032583.D
 Acq: 04 Nov 2022 17:48

Tgt Ion: 114 Resp: 187384
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.6
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.084 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032583.D

Acq: 04 Nov 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

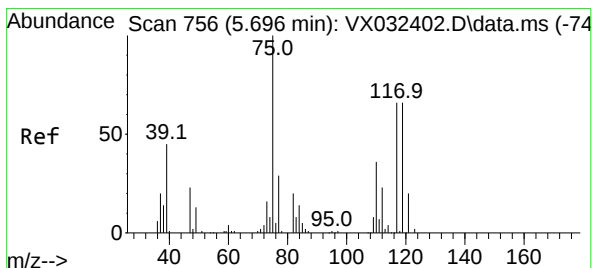
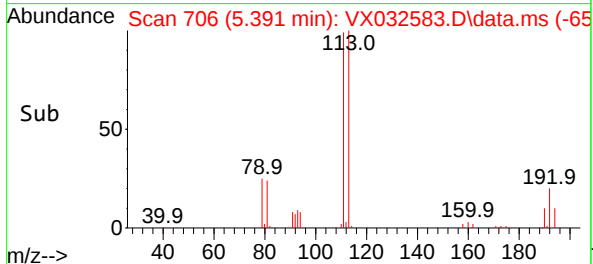
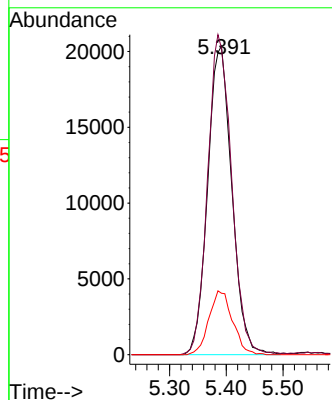
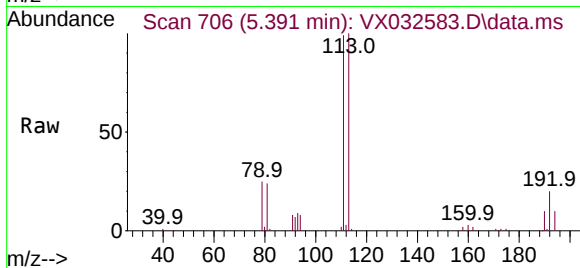
Tgt Ion:113 Resp: 60260

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 20.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.698 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032583.D

Acq: 04 Nov 2022 17:48

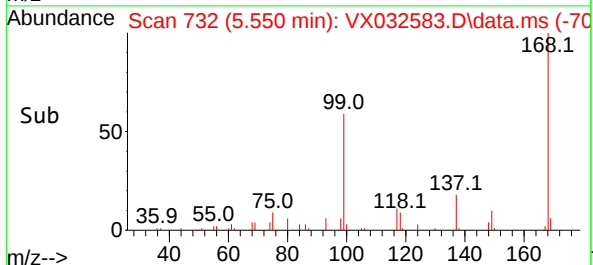
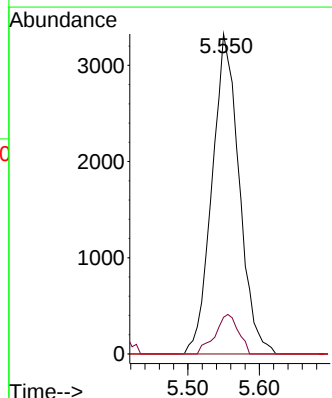
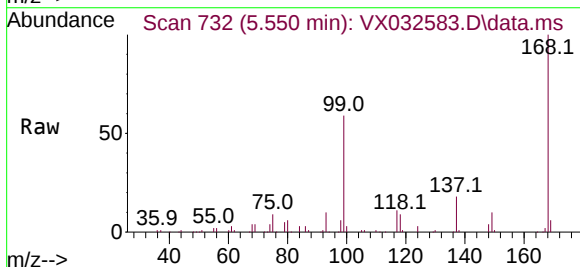
Tgt Ion: 75 Resp: 8745

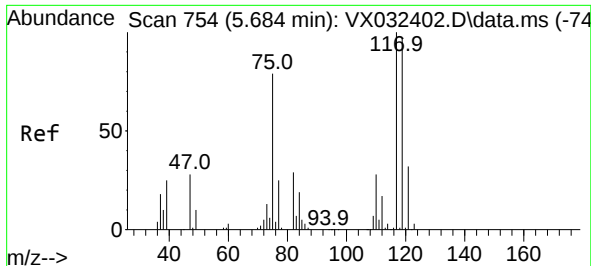
Ion Ratio Lower Upper

75 100

110 10.6 18.4 55.2#

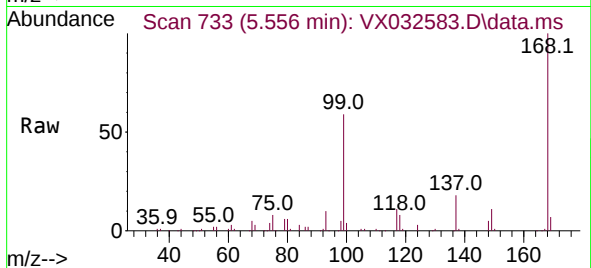
77 0.0 24.5 36.7#



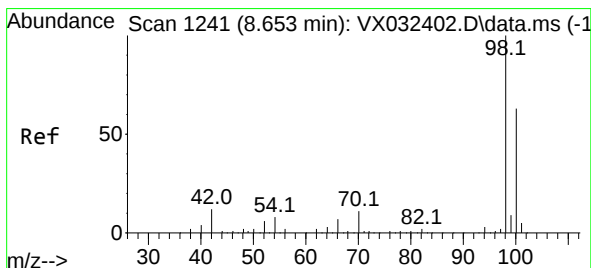
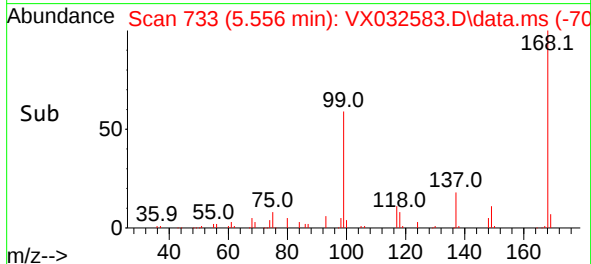
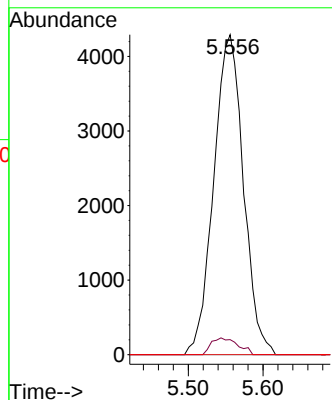


#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :

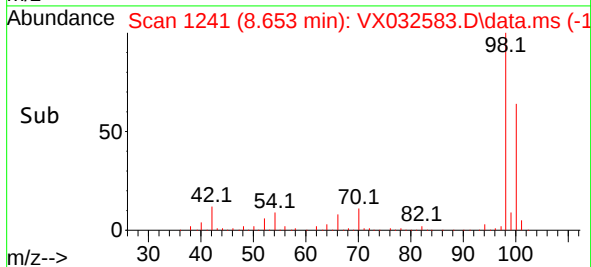
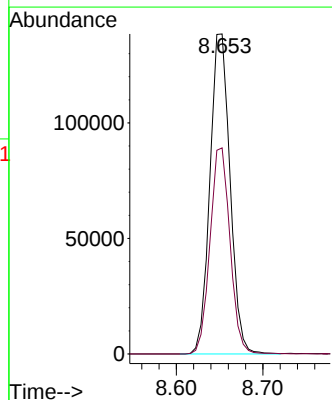
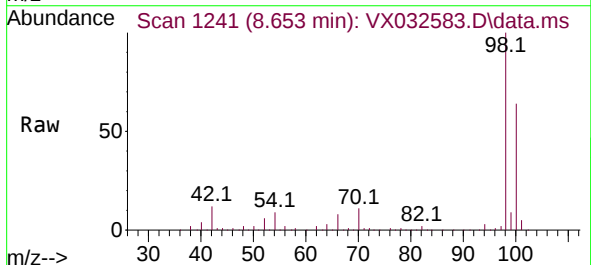


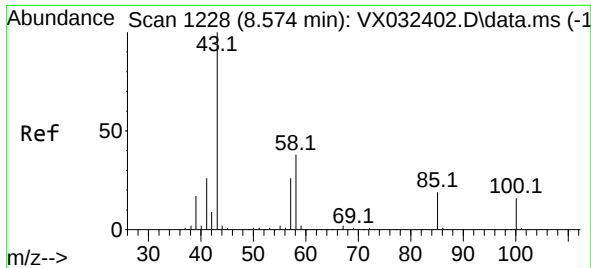
Tgt Ion:117 Resp: 11846
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.104 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

Tgt Ion: 98 Resp: 223576
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

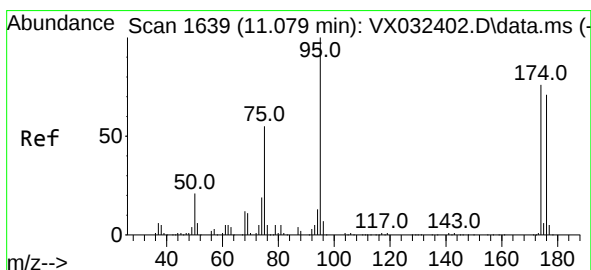
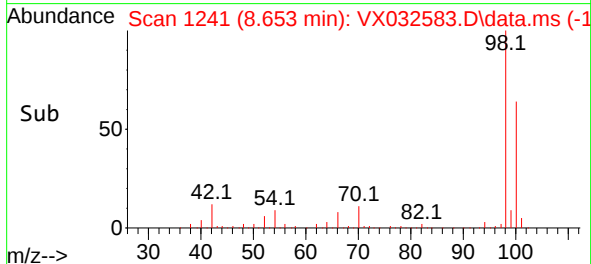
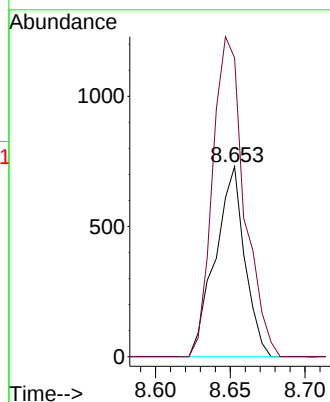
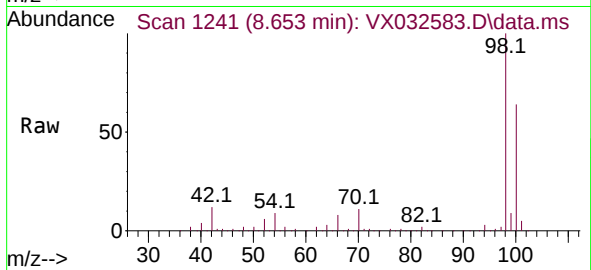




#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

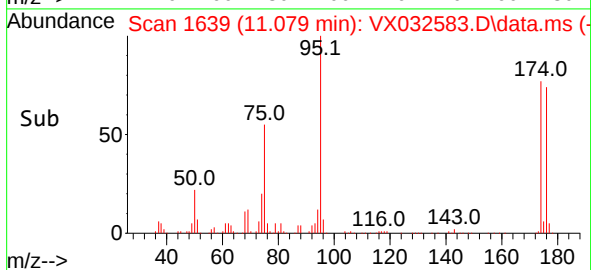
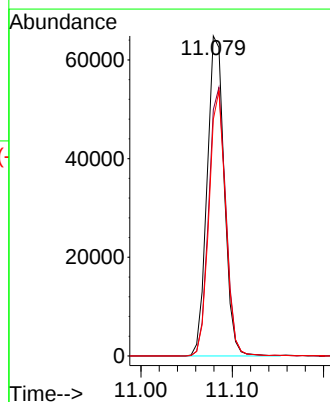
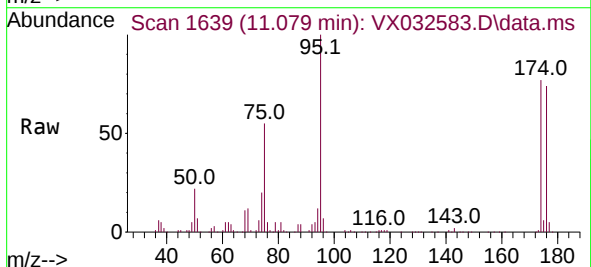
Instrument :
MSVOA_X
ClientSampleId :

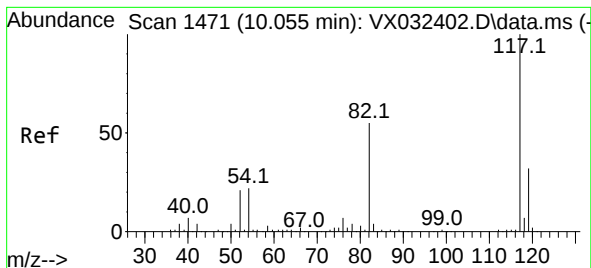
Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
58 180.7 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

Tgt Ion: 95 Resp: 84457
Ion Ratio Lower Upper
95 100
174 83.7 0.0 164.0
176 80.5 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: VX032583.D

Acq: 04 Nov 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

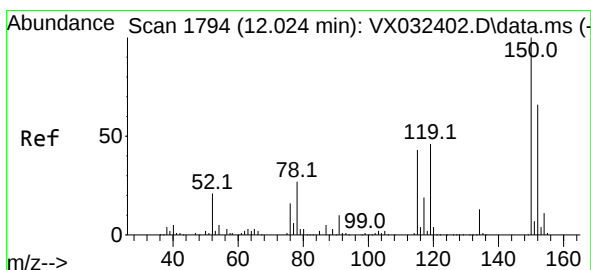
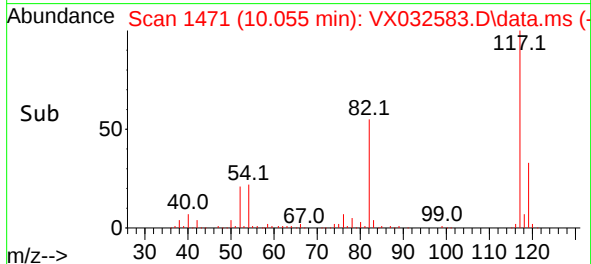
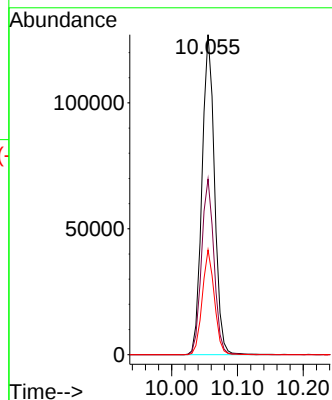
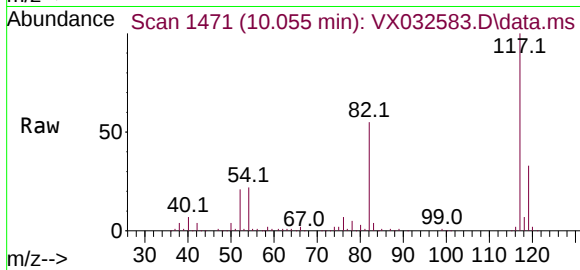
Tgt Ion:117 Resp: 167743

Ion Ratio Lower Upper

117 100

82 54.9 44.3 66.5

119 32.8 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: VX032583.D

Acq: 04 Nov 2022 17:48

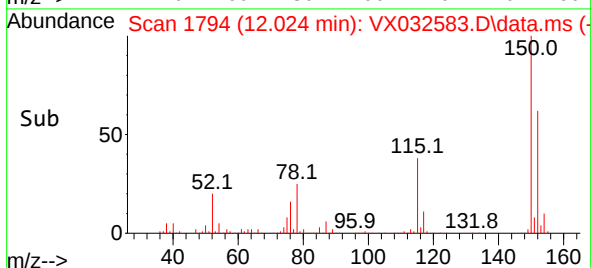
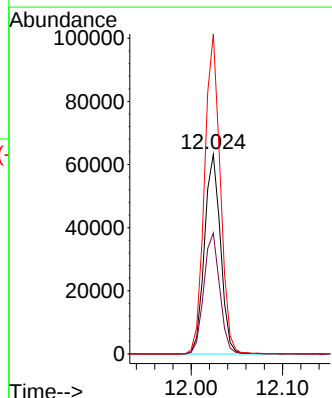
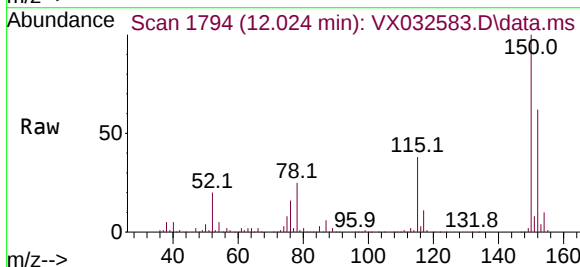
Tgt Ion:152 Resp: 76656

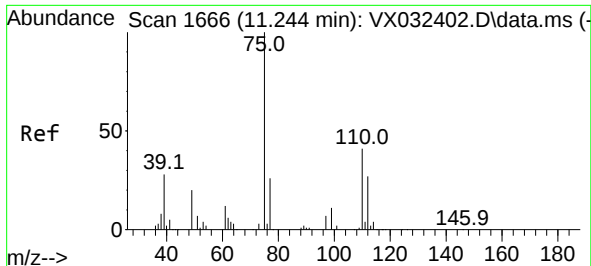
Ion Ratio Lower Upper

152 100

115 60.3 44.0 132.0

150 157.7 0.0 351.8

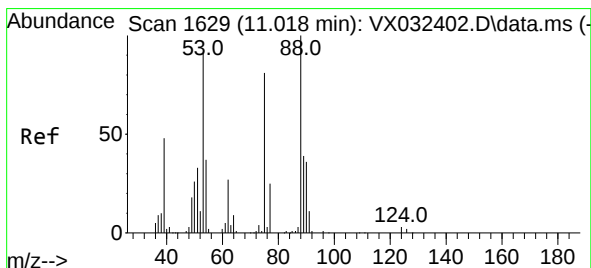
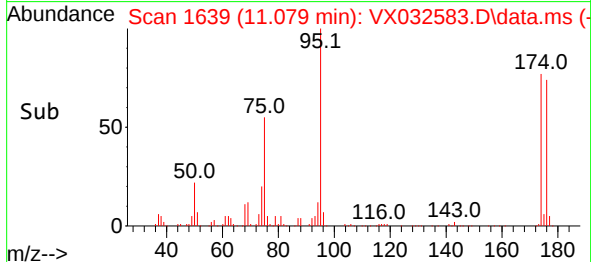
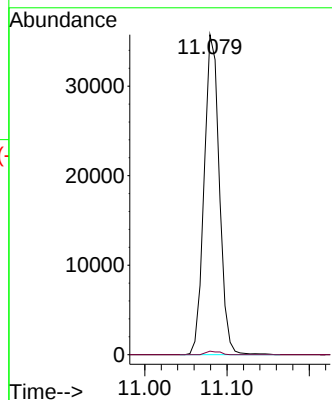
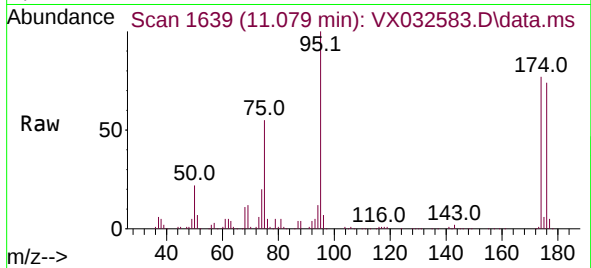




#76
1,2,3-Trichloropropane
Concen: 26.938 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45941
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032583.D
Acq: 04 Nov 2022 17:48

Tgt Ion: 75 Resp: 45941
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

