

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032627.D
 Acq On : 07 Nov 2022 15:14
 Operator : JC/MD
 Sample : N5484-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P2-2A

Quant Time: Nov 08 03:13:41 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)

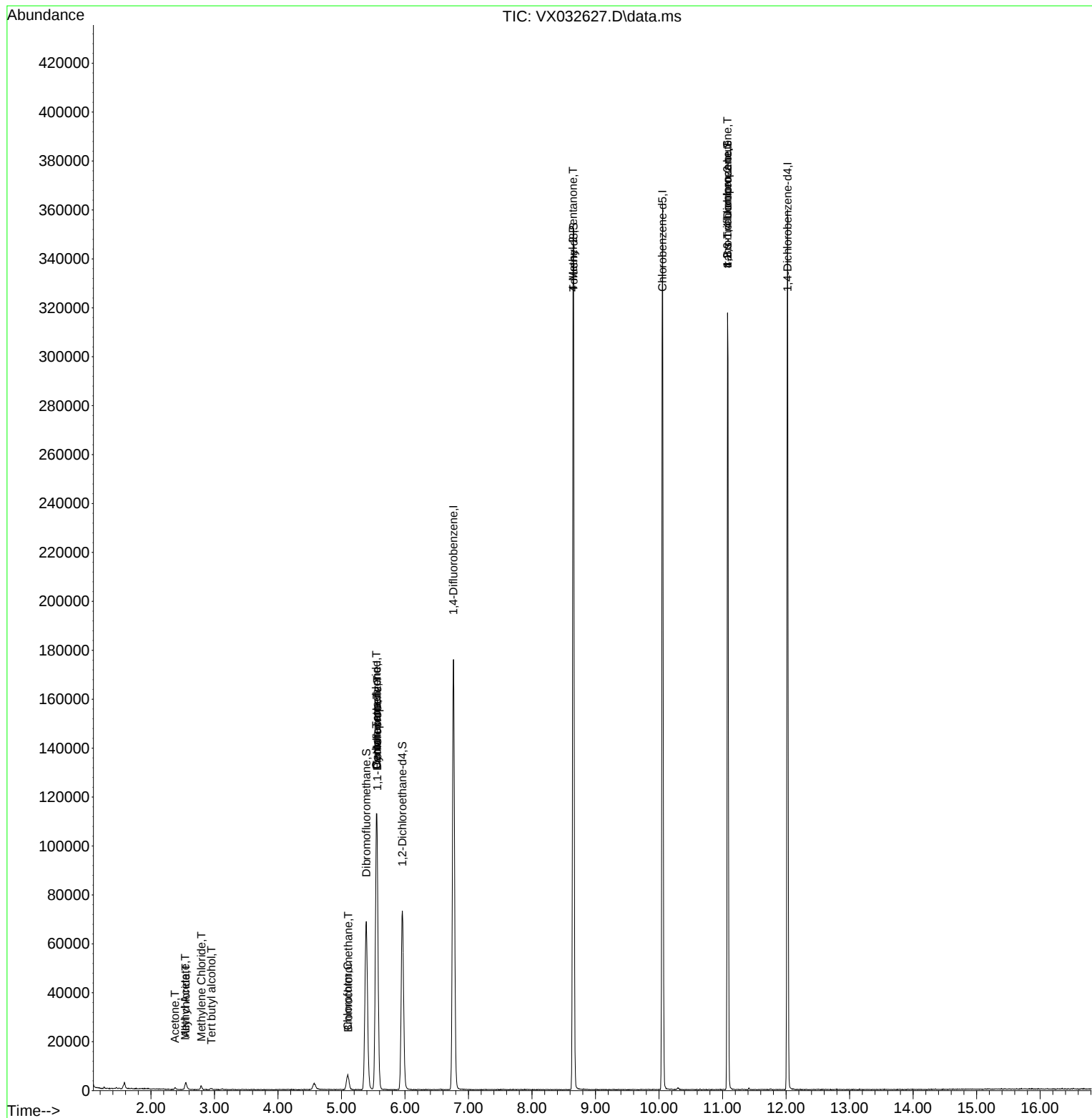
Internal Standards						
1) Pentafluorobenzene	5.556	168	106927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	176862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73922	49.755	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.500%		
35) Dibromofluoromethane	5.391	113	57767	45.790	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.580%		
50) Toluene-d8	8.653	98	211649	48.247	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.079	95	79432	46.355	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.700%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	394	1.822	ug/l #	72
14) Allyl chloride	2.544	41	361	0.211	ug/l #	44
16) Acetone	2.380	43	1003	1.857	ug/l	92
18) Methyl Acetate	2.538	43	1164	0.663	ug/l #	51
20) Methylene Chloride	2.794	84	796	0.643	ug/l #	91
28) Bromochloromethane	5.105	49	492	0.649	ug/l #	9
30) Chloroform	5.099	83	7449	3.192	ug/l #	80
31) Cyclohexane	5.556	56	2630	1.460	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	8647	4.922	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11496	5.900	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	993	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42998	26.828	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42998	85.368	ug/l #	6

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
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P2-2A

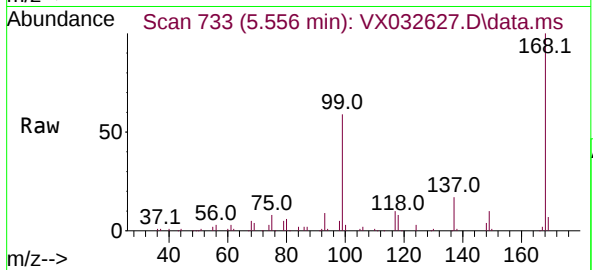
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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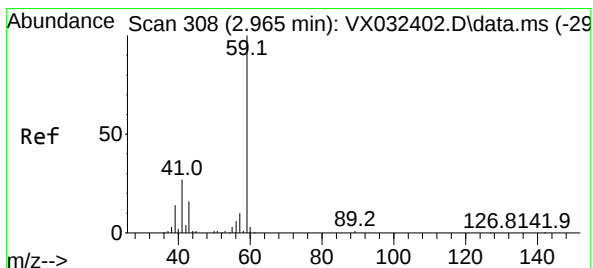
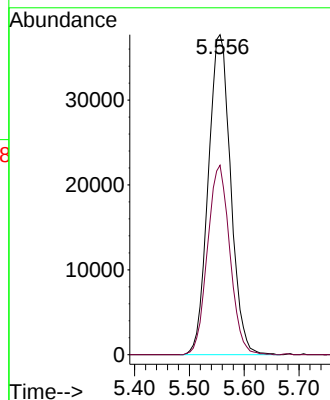
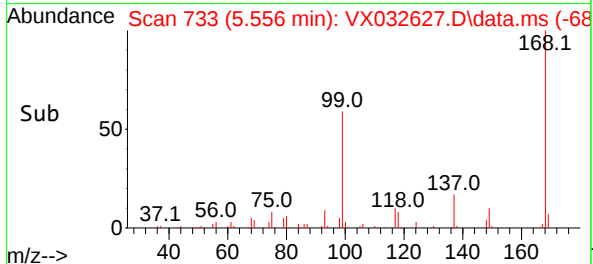


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

Instrument :
MSVOA_X
ClientSampleId :
P2-2A

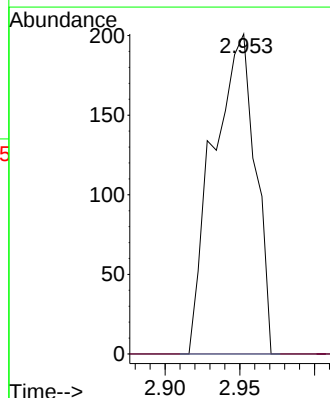
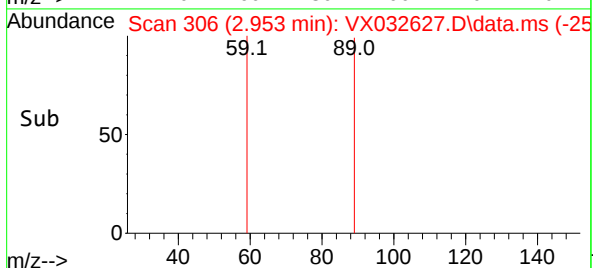
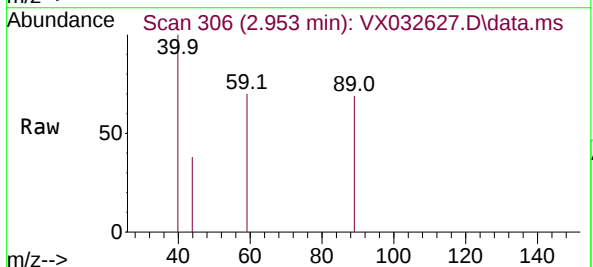


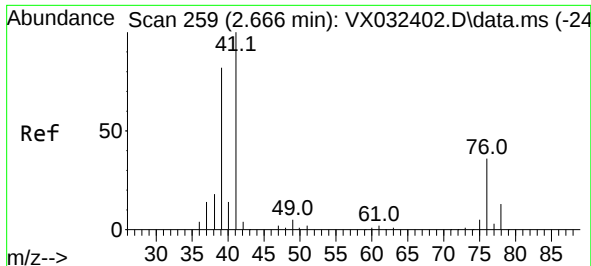
Tgt Ion:168 Resp: 106927
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.822 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

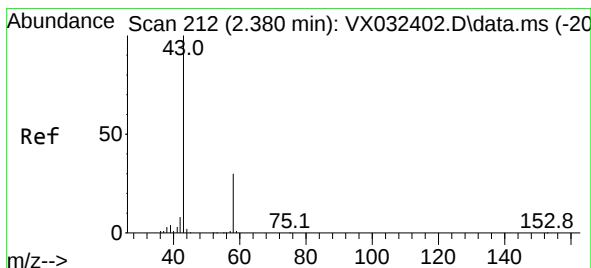
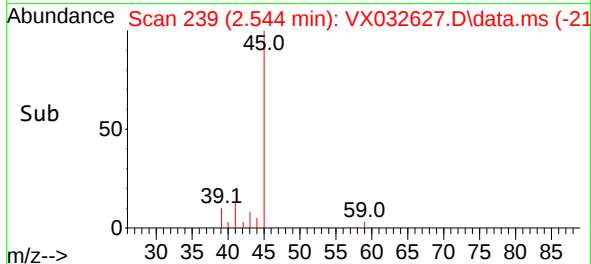
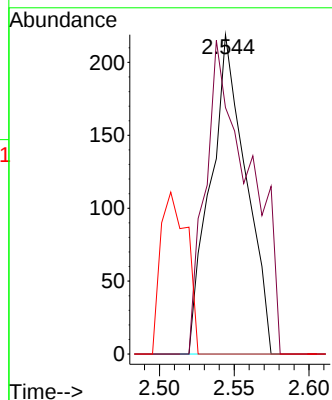
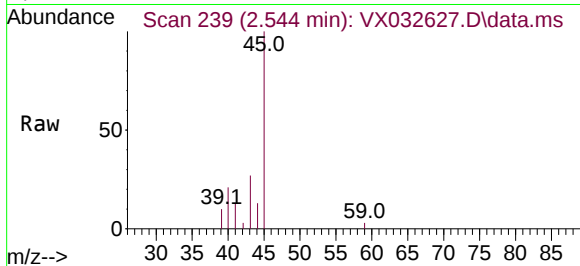




#14
 Allyl chloride
 Concen: 0.211 ug/l
 RT: 2.544 min Scan# 21
 Delta R.T. -0.122 min
 Lab File: VX032627.D
 Acq: 07 Nov 2022 15:14

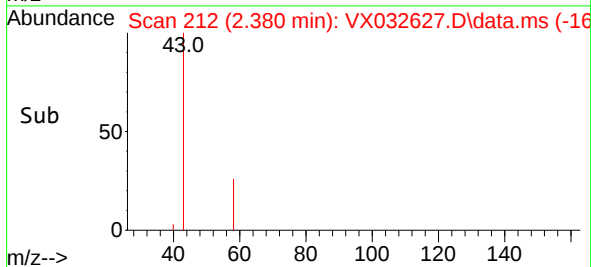
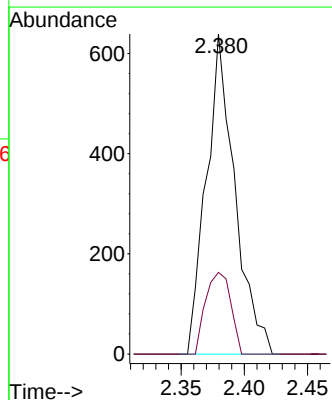
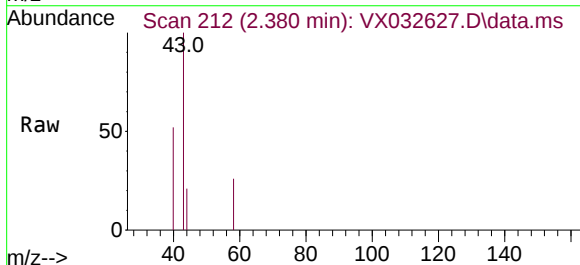
Instrument :
 MSVOA_X
 ClientSampleId :
 P2-2A

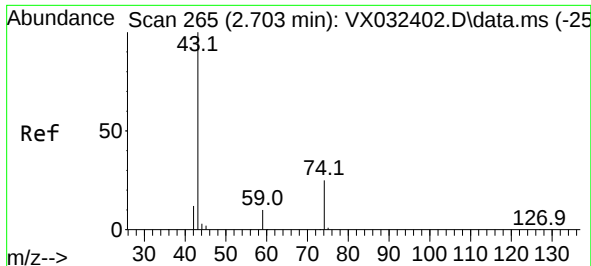
Tgt Ion: 41 Resp: 361
 Ion Ratio Lower Upper
 41 100
 39 122.4 61.4 92.2#
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 1.857 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX032627.D
 Acq: 07 Nov 2022 15:14

Tgt Ion: 43 Resp: 1003
 Ion Ratio Lower Upper
 43 100
 58 25.5 23.8 35.8





#18

Methyl Acetate

Concen: 0.663 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.165 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

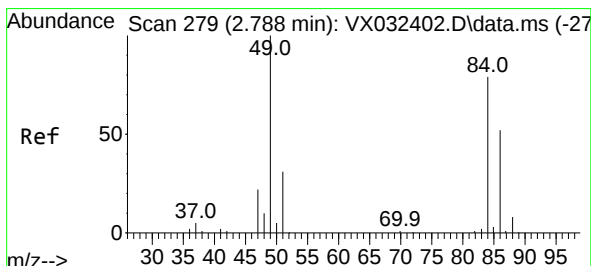
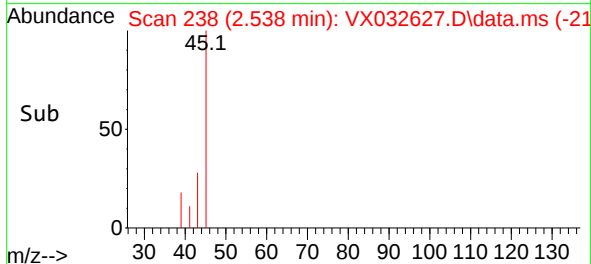
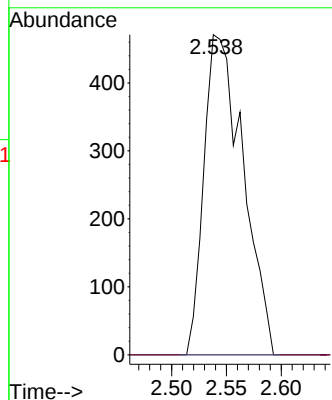
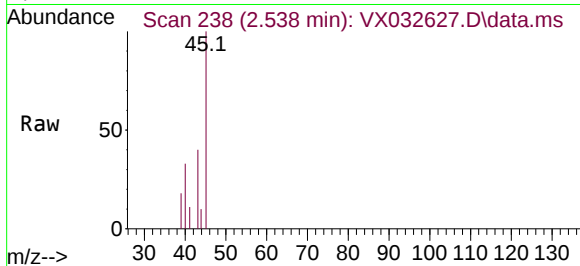
P2-2A

Tgt Ion: 43 Resp: 1164

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 0.643 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

Tgt Ion: 84 Resp: 796

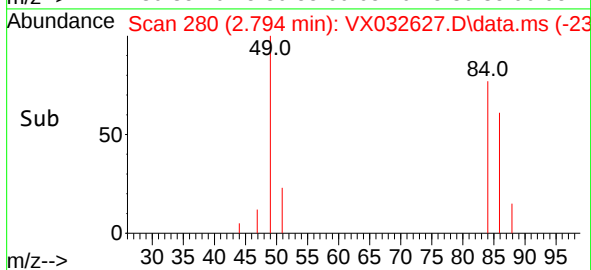
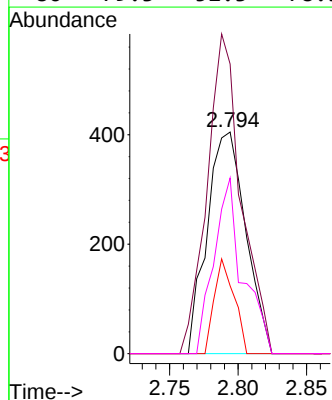
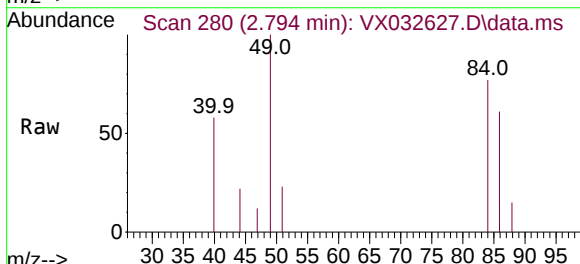
Ion Ratio Lower Upper

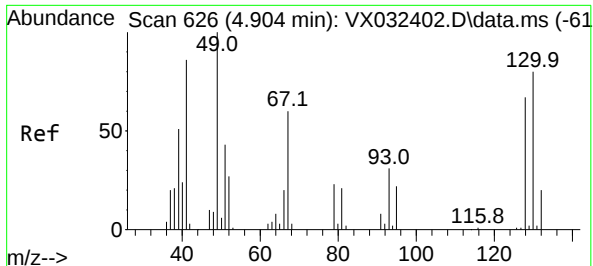
84 100

49 130.6 101.0 151.6

51 30.6 31.1 46.7#

86 79.3 52.3 78.5#

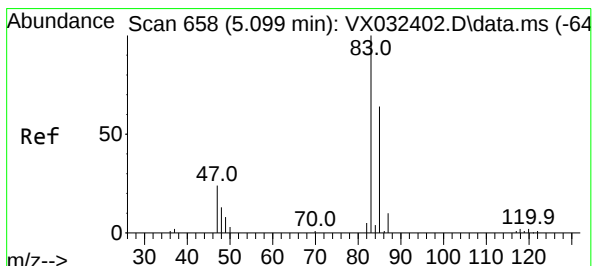
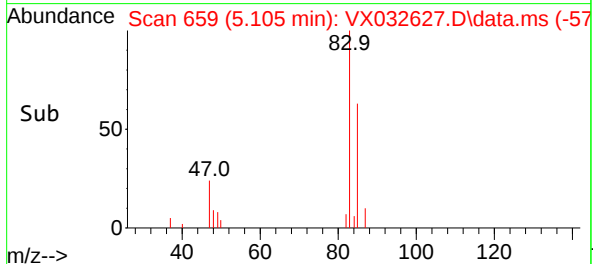
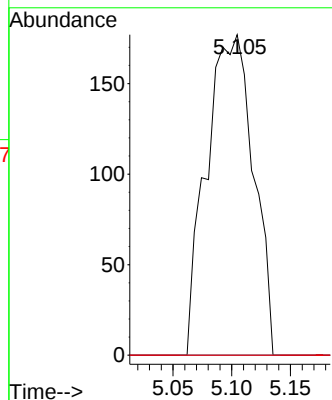
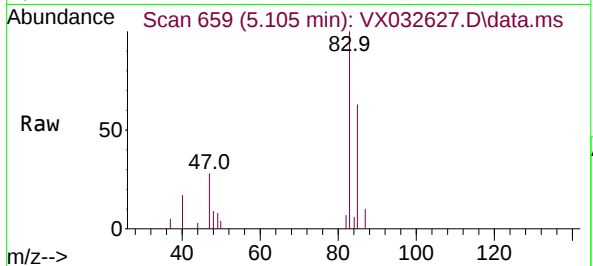




#28
Bromochloromethane
Concen: 0.649 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.201 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

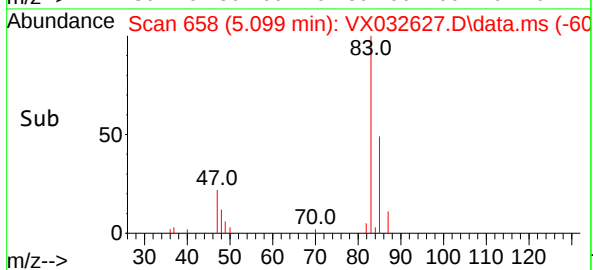
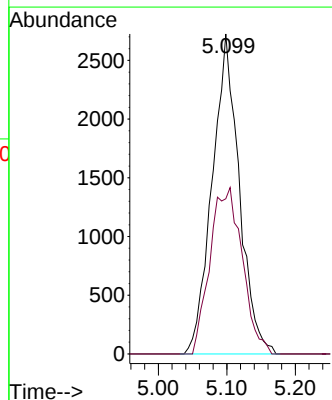
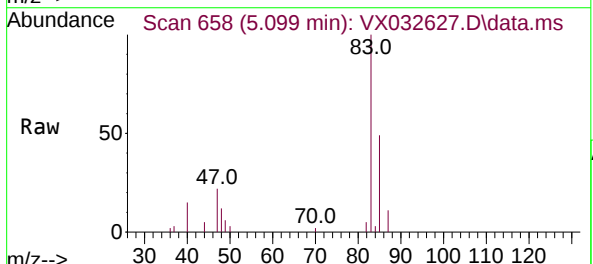
Instrument :
MSVOA_X
ClientSampleId :
P2-2A

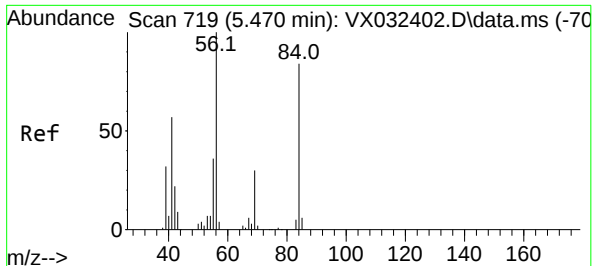
Tgt Ion: 49 Resp: 492
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 3.192 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

Tgt Ion: 83 Resp: 7449
Ion Ratio Lower Upper
83 100
85 48.5 51.1 76.7#

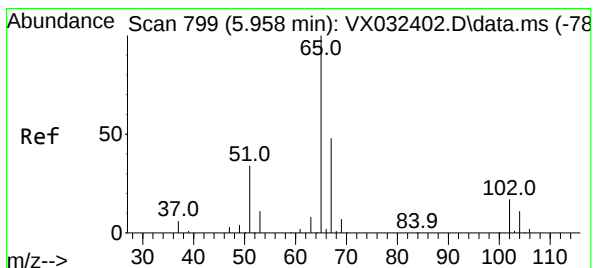
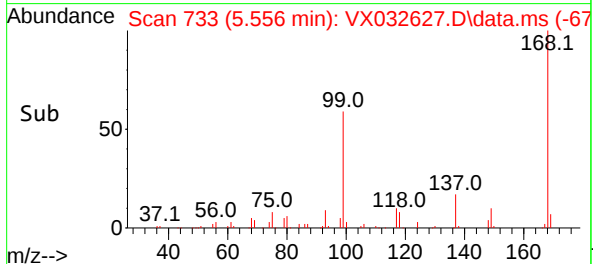
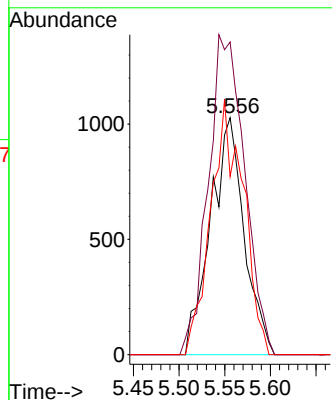
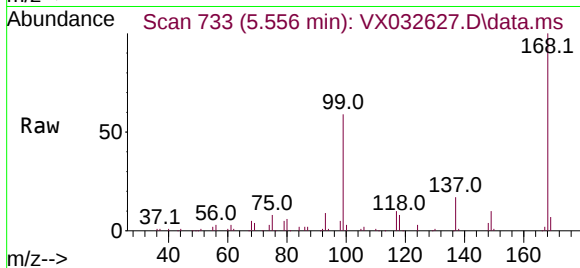




#31
Cyclohexane
Concen: 1.460 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

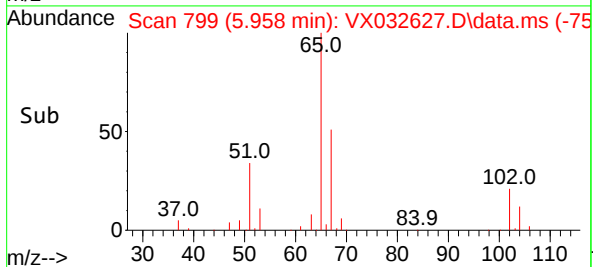
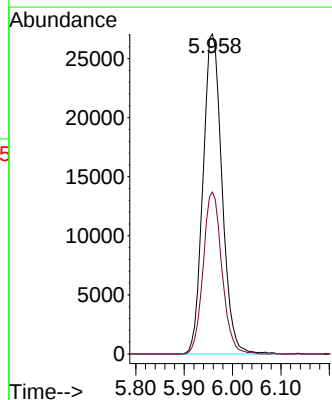
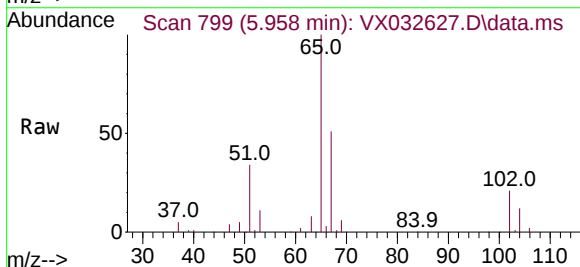
Instrument :
MSVOA_X
ClientSampleId :
P2-2A

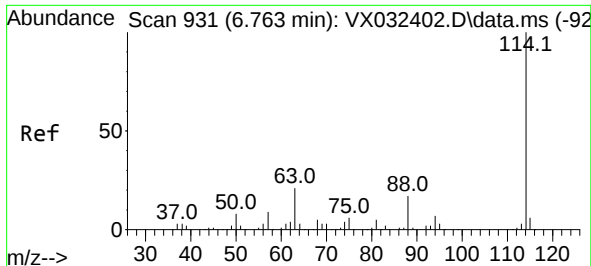
Tgt Ion: 56 Resp: 2630
Ion Ratio Lower Upper
56 100
69 131.9 24.1 36.1#
84 75.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 49.755 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

Tgt Ion: 65 Resp: 73922
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

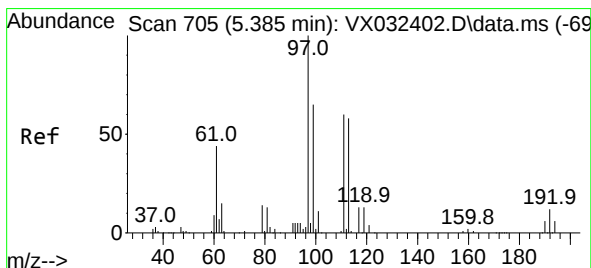
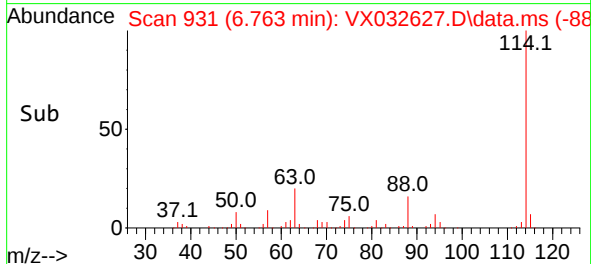
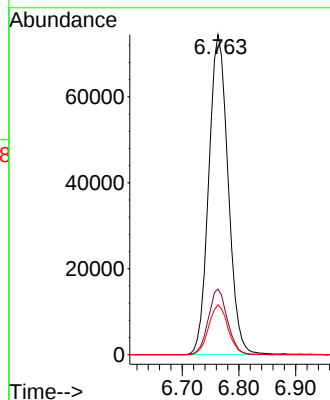
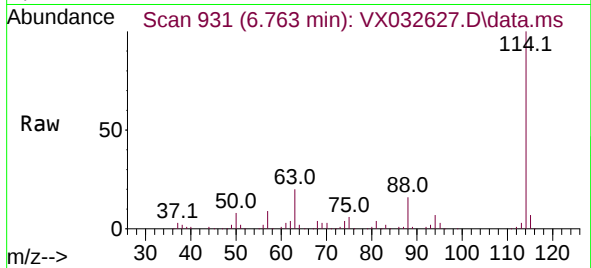




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

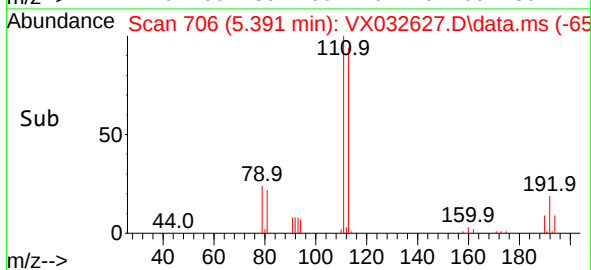
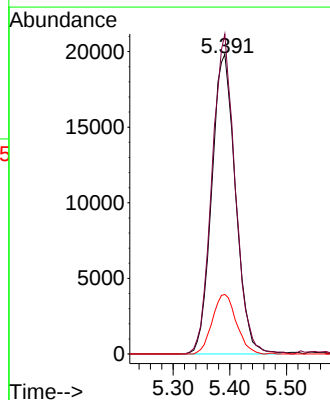
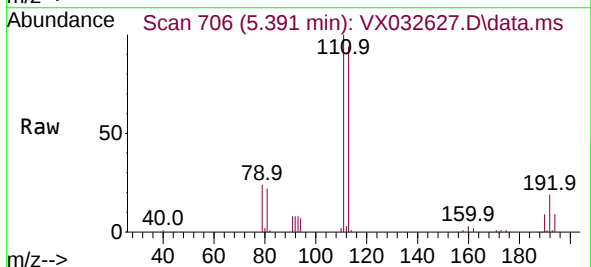
Instrument :
MSVOA_X
ClientSampleId :
P2-2A

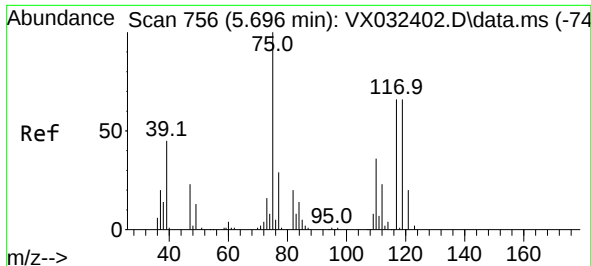
Tgt Ion:114 Resp: 176862
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.790 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

Tgt Ion:113 Resp: 57767
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 20.0 15.4 23.2

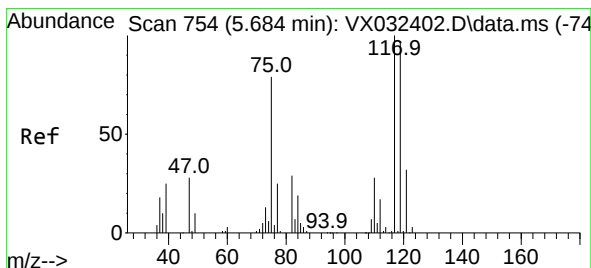
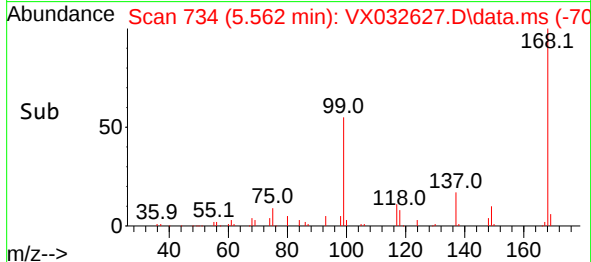
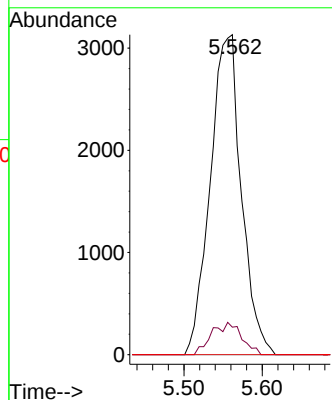
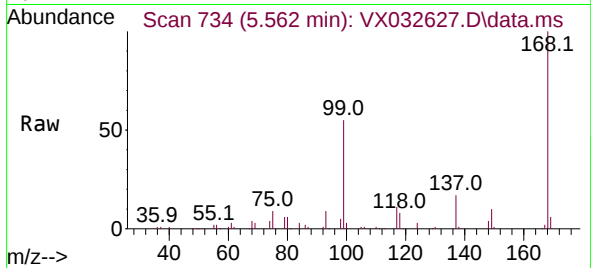




#36
1,1-Dichloropropene
Concen: 4.922 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.134 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

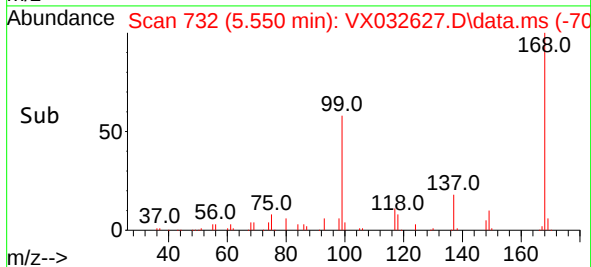
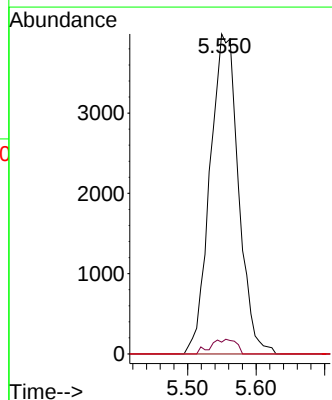
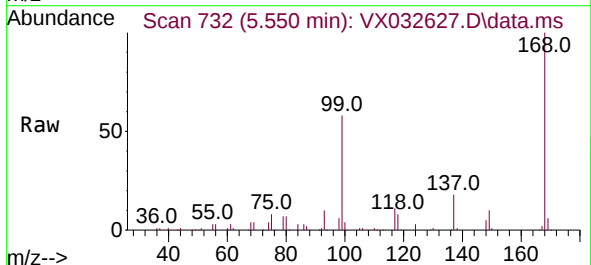
Instrument :
MSVOA_X
ClientSampleId :
P2-2A

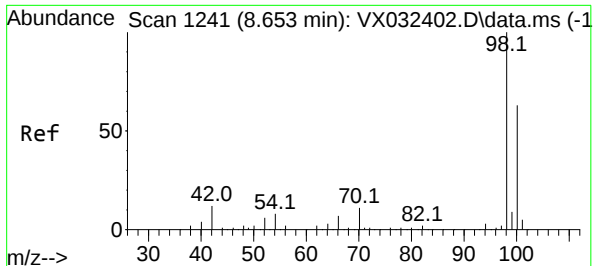
Tgt Ion: 75 Resp: 8647
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032627.D
Acq: 07 Nov 2022 15:14

Tgt Ion: 117 Resp: 11496
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.247 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

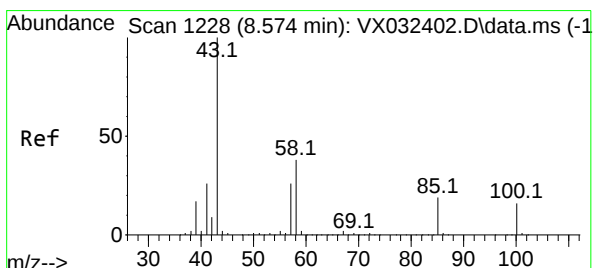
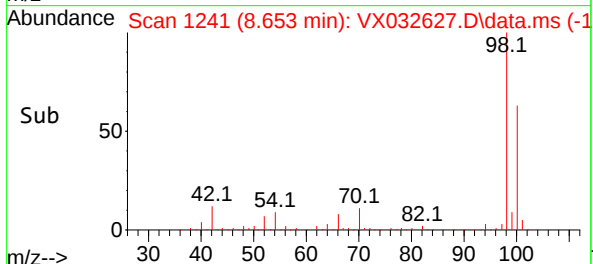
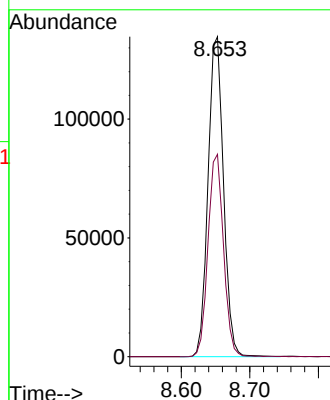
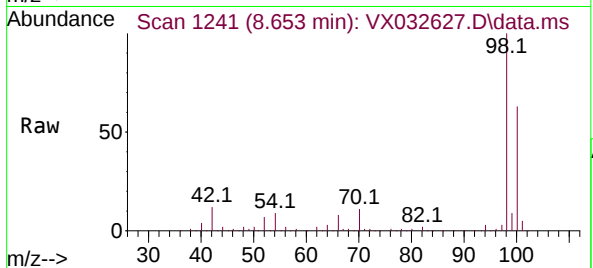
P2-2A

Tgt Ion: 98 Resp: 211649

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.561 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032627.D

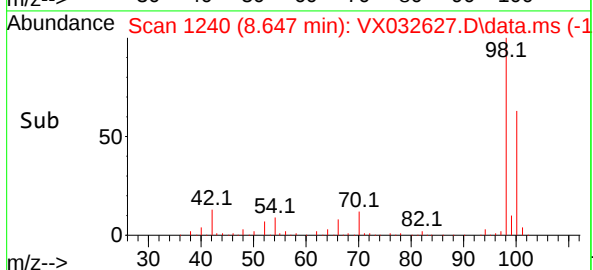
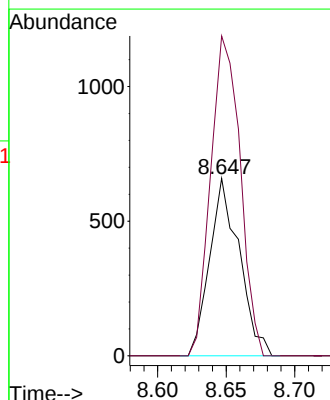
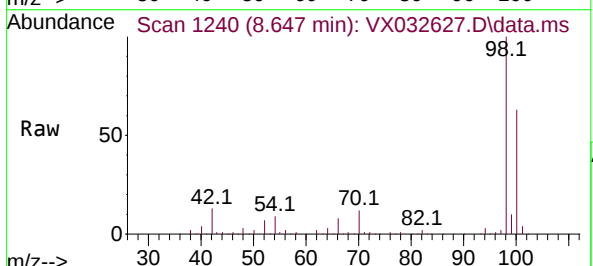
Acq: 07 Nov 2022 15:14

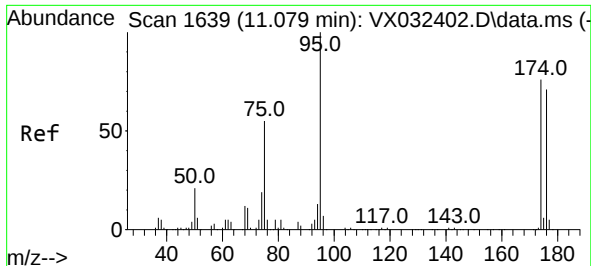
Tgt Ion: 43 Resp: 993

Ion Ratio Lower Upper

43 100

58 179.6 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 46.355 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032627.D

Acq: 07 Nov 2022 15:14

Instrument :

MSVOA_X

ClientSampleId :

P2-2A

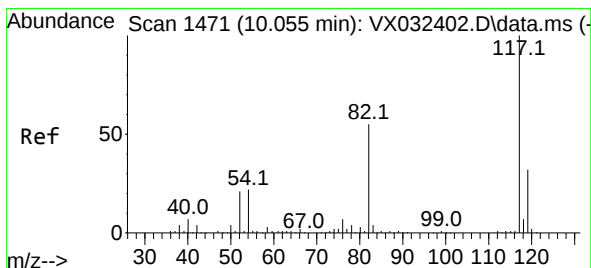
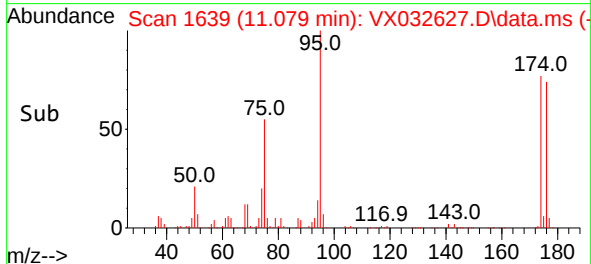
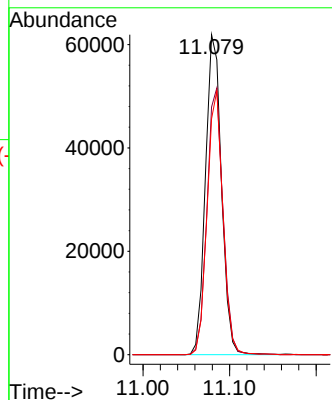
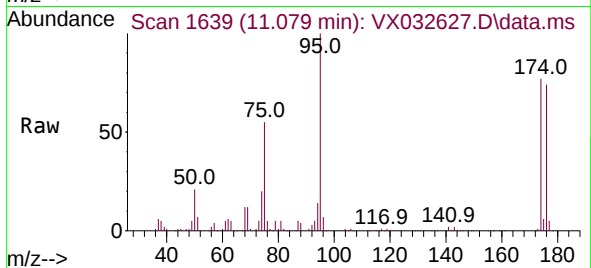
Tgt Ion: 95 Resp: 79432

Ion Ratio Lower Upper

95 100

174 83.3 0.0 164.0

176 81.4 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: VX032627.D

Acq: 07 Nov 2022 15:14

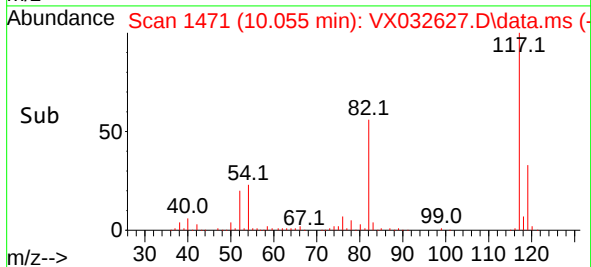
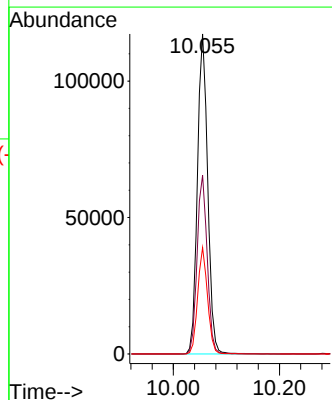
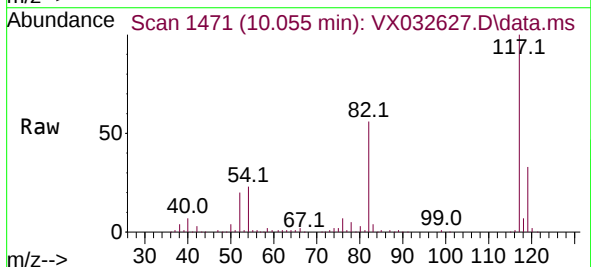
Tgt Ion: 117 Resp: 157739

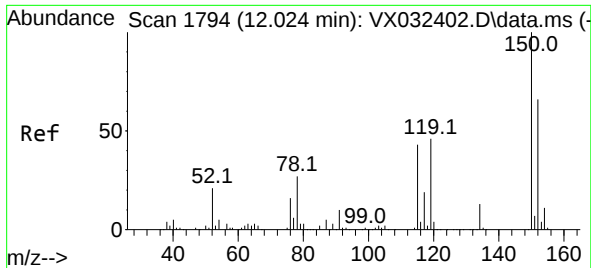
Ion Ratio Lower Upper

117 100

82 55.9 44.3 66.5

119 33.2 25.7 38.5

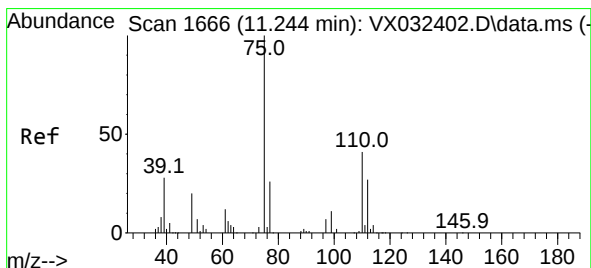
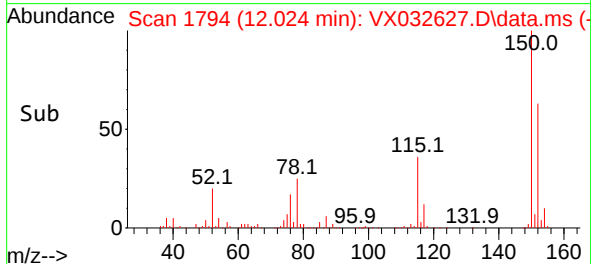
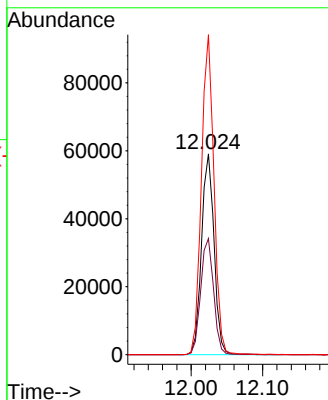
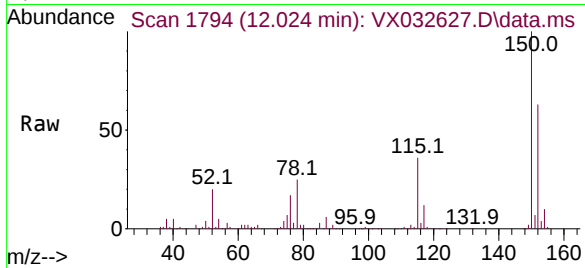




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032627.D
 Acq: 07 Nov 2022 15:14

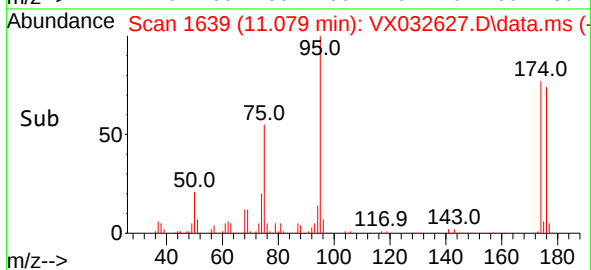
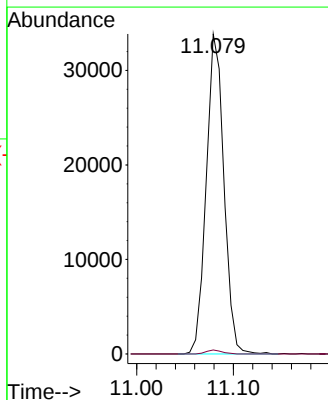
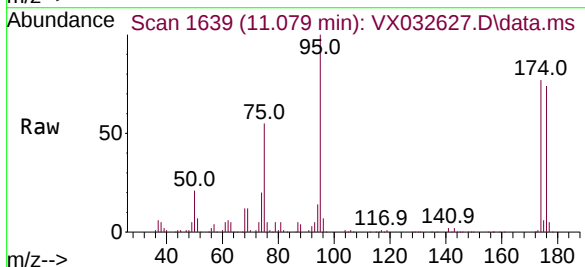
Instrument :
 MSVOA_X
 ClientSampleId :
 P2-2A

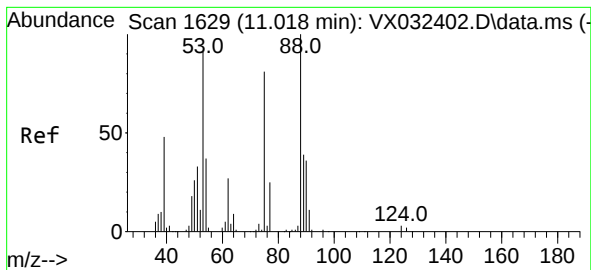
Tgt Ion:152 Resp: 72040
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.0 132.0
 150 158.8 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.828 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032627.D
 Acq: 07 Nov 2022 15:14

Tgt Ion: 75 Resp: 42998
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.368 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032627.D
 Acq: 07 Nov 2022 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 P2-2A

Tgt Ion: 75 Resp: 42998
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

