

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026635.D
 Acq On : 27 Jan 2022 19:21
 Operator : JC/MD
 Sample : N1297-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-1

Quant Time: Jan 28 04:27:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

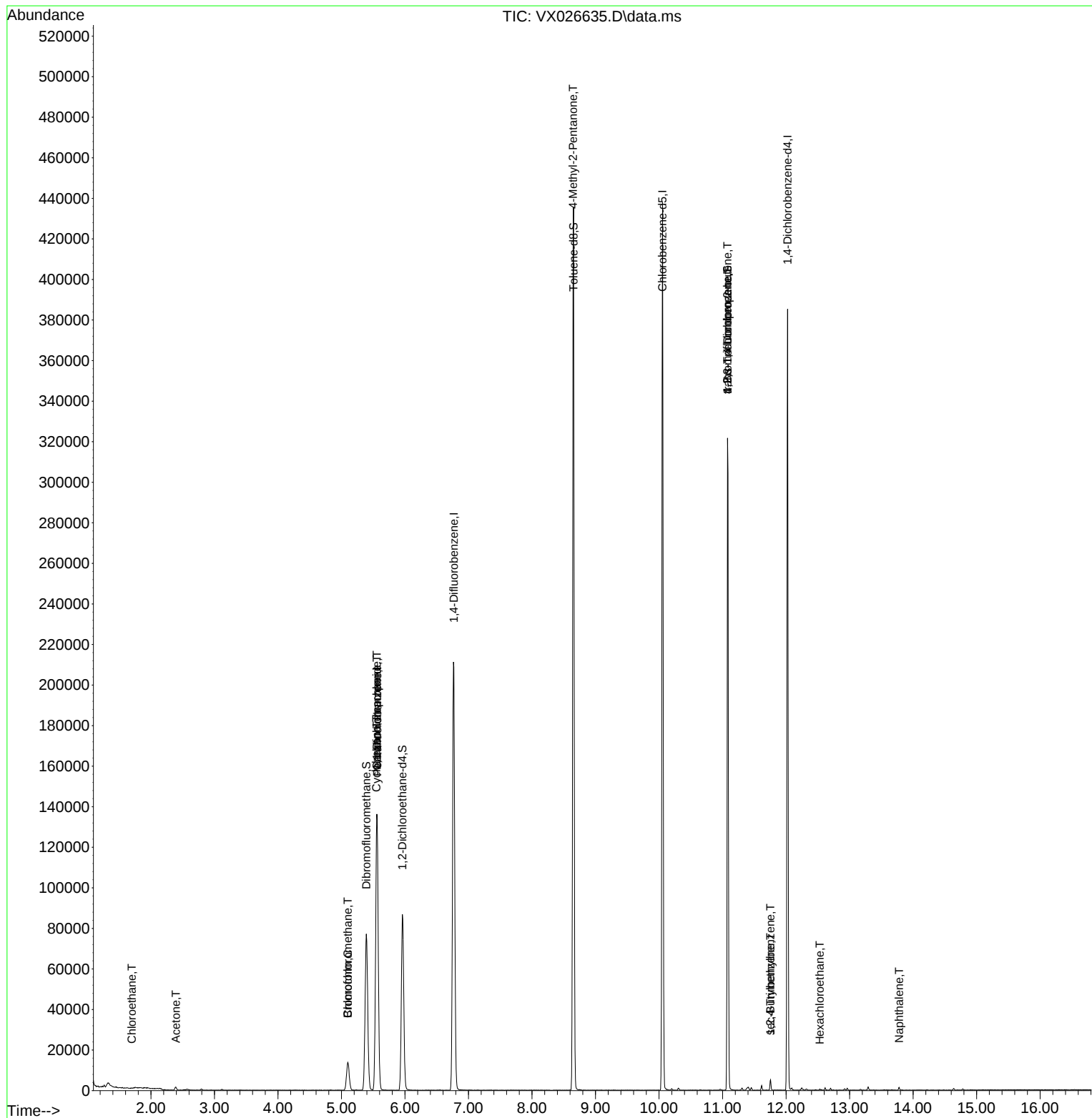
Internal Standards						
1) Pentafluorobenzene	5.562	168	128282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84749	47.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.580%
35) Dibromofluoromethane	5.391	113	67719	48.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	8.653	98	255269	50.275	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.560%
62) 4-Bromofluorobenzene	11.079	95	88673	49.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.320%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	176	0.239	ug/l #	43
16) Acetone	2.392	43	1940	2.123	ug/l	90
28) Bromochloromethane	5.099	49	1384	1.247	ug/l #	13
30) Chloroform	5.099	83	17166	6.113	ug/l	98
31) Cyclohexane	5.550	56	2489	0.942	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10070	4.527	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13179	5.760	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1060	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44569	25.842	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44569	78.381	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	2559	0.483	ug/l	97
85) sec-Butylbenzene	11.756	105	2559	0.400	ug/l #	56
90) Hexachloroethane	12.530	117	19	2.198	ug/l #	14
95) Naphthalene	13.780	128	1115	0.200	ug/l #	96

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

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MSVOA_X
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PZ-1

Quant Time: Jan 28 04:27:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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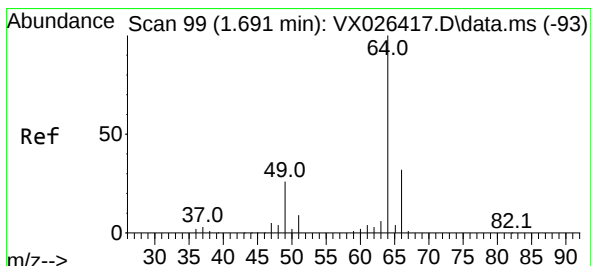
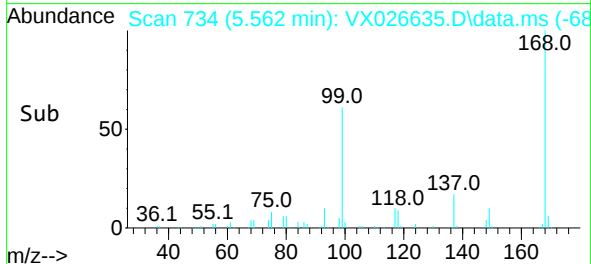
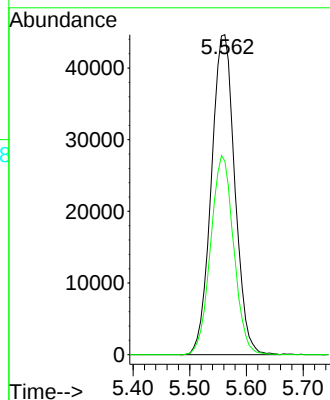
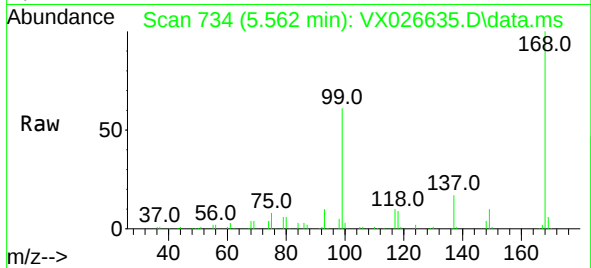




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

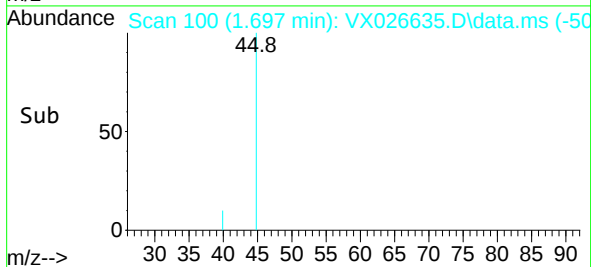
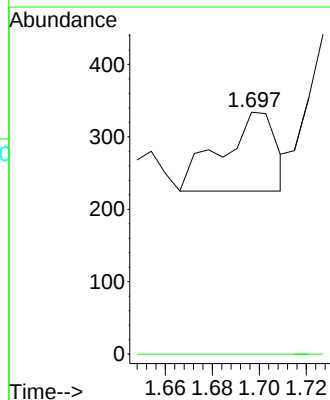
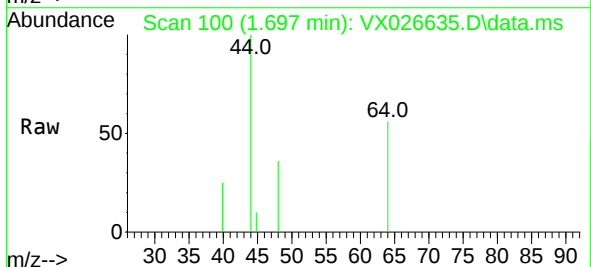
Instrument :
MSVOA_X
ClientSampleId :
PZ-1

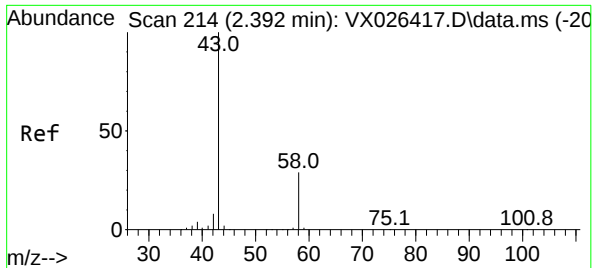
Tgt Ion:168 Resp: 128282
Ion Ratio Lower Upper
168 100
99 60.5 50.3 75.5



#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

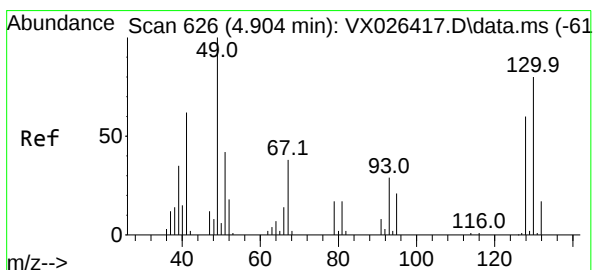
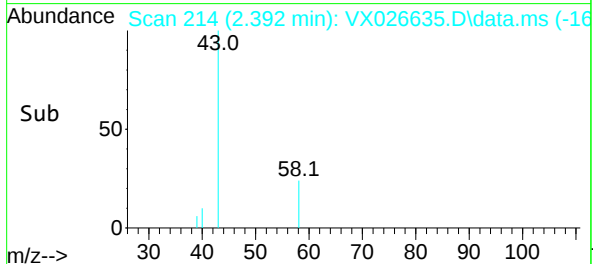
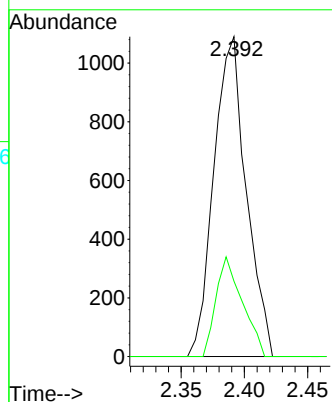
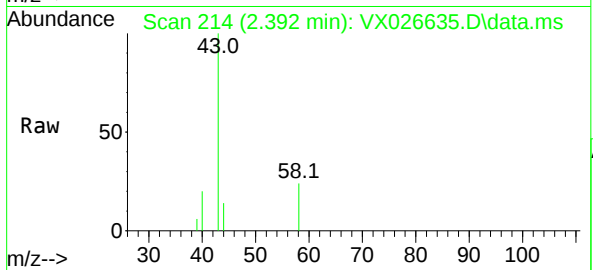




#16
Acetone
Concen: 2.123 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

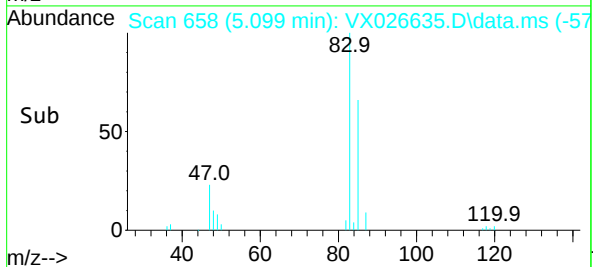
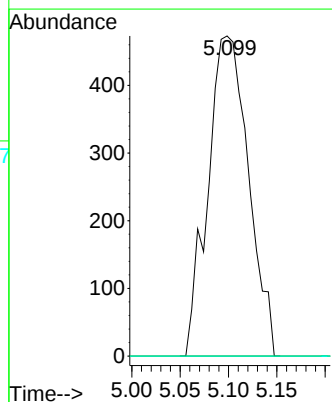
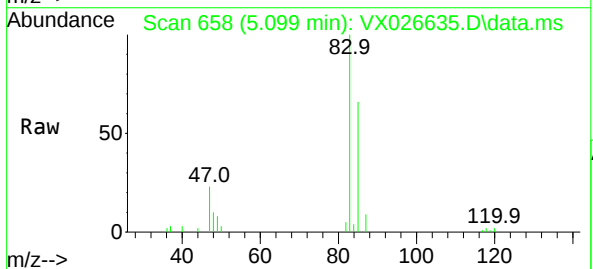
Instrument :
MSVOA_X
ClientSampleId :
PZ-1

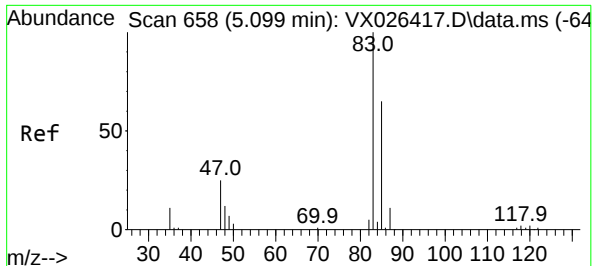
Tgt Ion: 43 Resp: 1940
Ion Ratio Lower Upper
43 100
58 23.6 23.0 34.6



#28
Bromochloromethane
Concen: 1.247 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.195 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

Tgt Ion: 49 Resp: 1384
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.4 93.6#





#30

Chloroform

Concen: 6.113 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX026635.D

Acq: 27 Jan 2022 19:21

Instrument :

MSVOA_X

ClientSampleId :

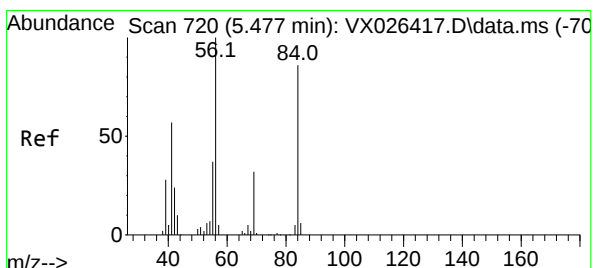
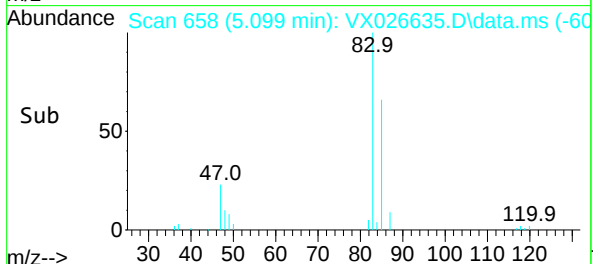
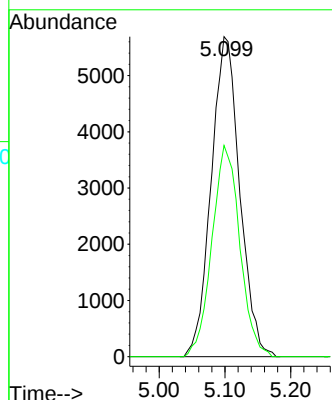
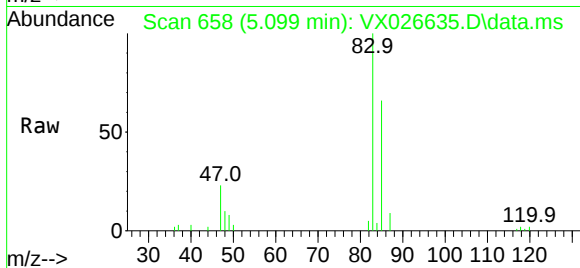
PZ-1

Tgt Ion: 83 Resp: 17166

Ion Ratio Lower Upper

83 100

85 66.0 51.6 77.4



#31

Cyclohexane

Concen: 0.942 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026635.D

Acq: 27 Jan 2022 19:21

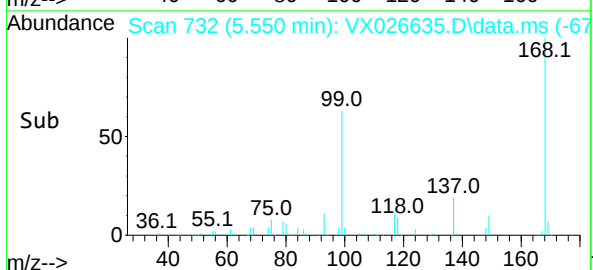
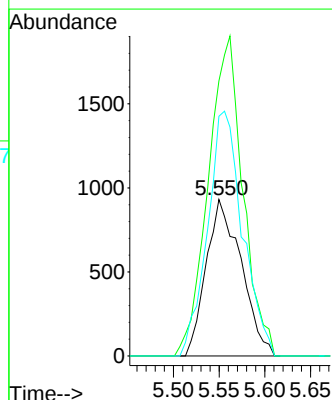
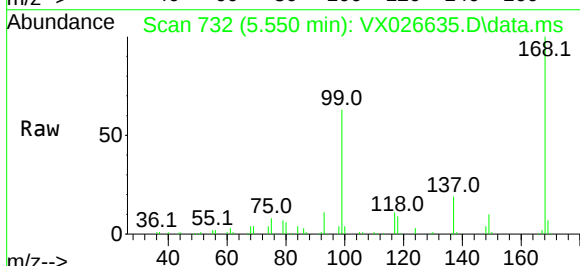
Tgt Ion: 56 Resp: 2489

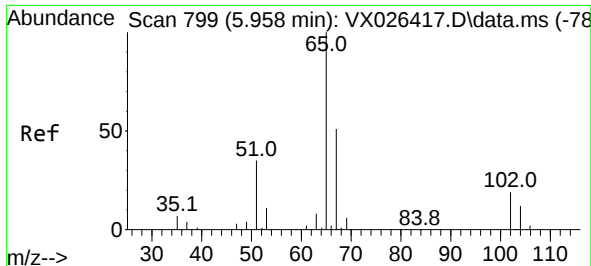
Ion Ratio Lower Upper

56 100

69 175.8 25.8 38.6#

84 153.2 68.9 103.3#

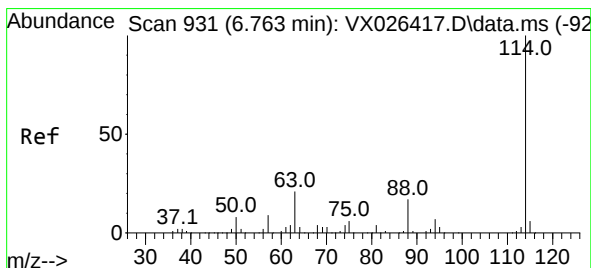
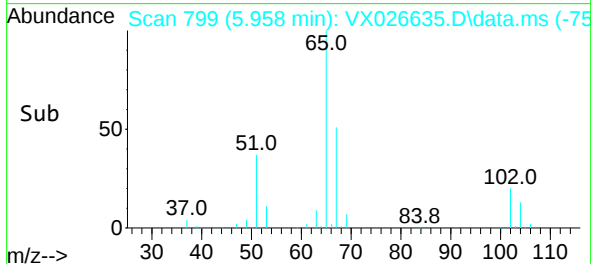
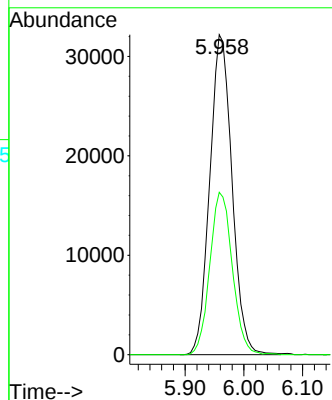
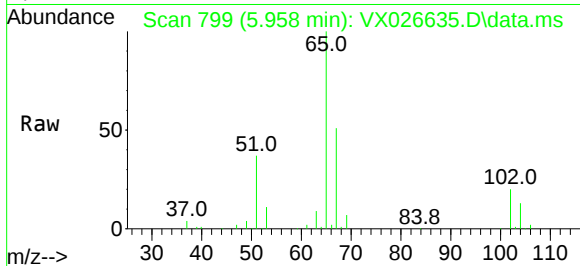




#33
 1,2-Dichloroethane-d4
 Concen: 47.293 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX026635.D
 Acq: 27 Jan 2022 19:21

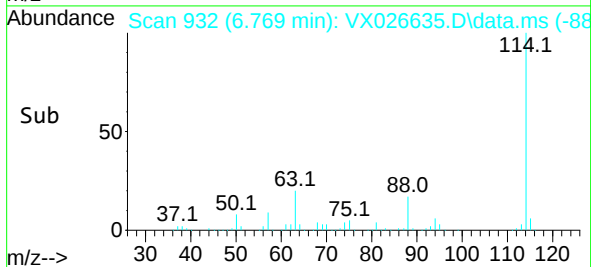
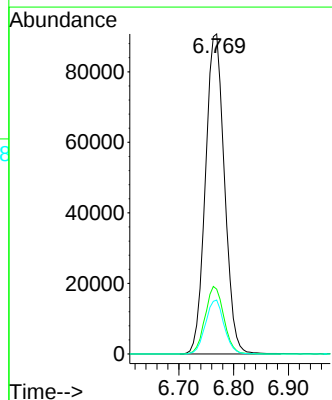
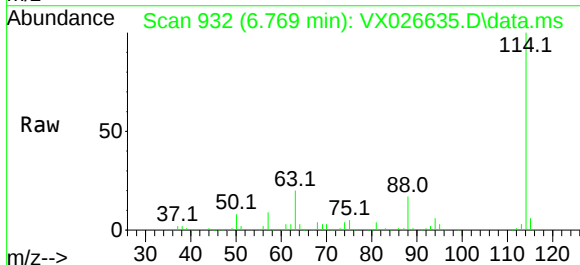
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-1

Tgt Ion: 65 Resp: 84749
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026635.D
 Acq: 27 Jan 2022 19:21

Tgt Ion: 114 Resp: 218189
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.8
 88 16.9 0.0 33.0

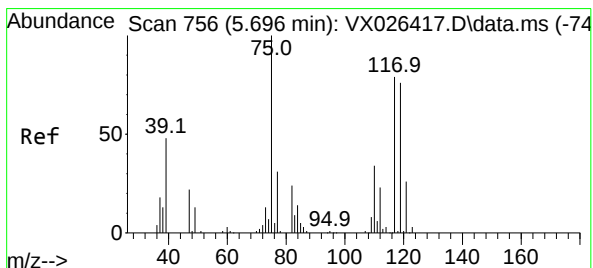
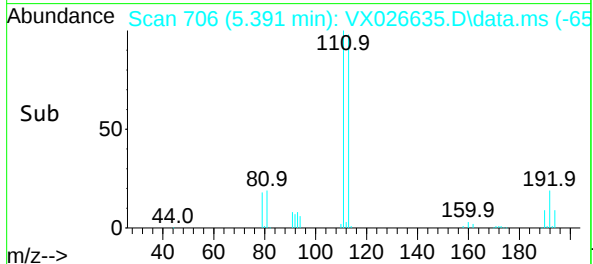
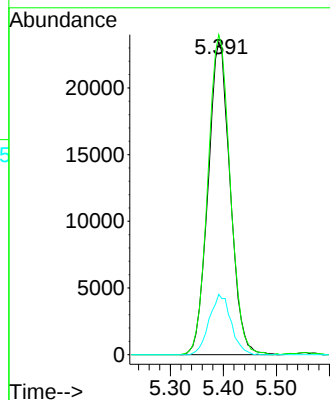
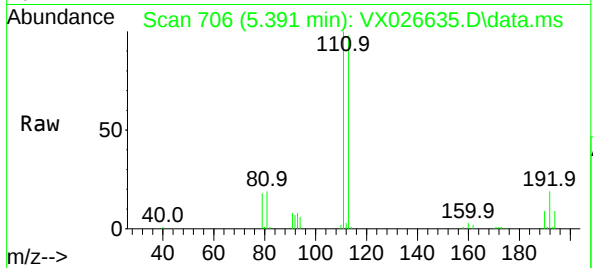




#35
Dibromofluoromethane
Concen: 48.062 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

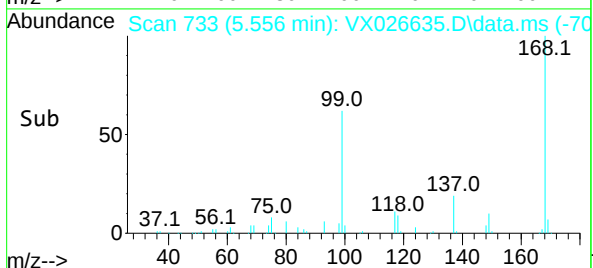
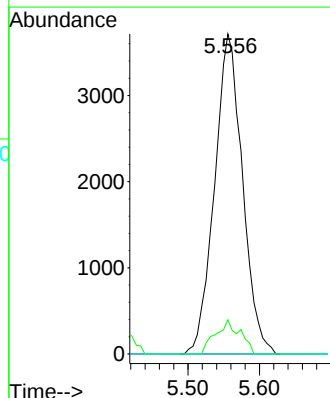
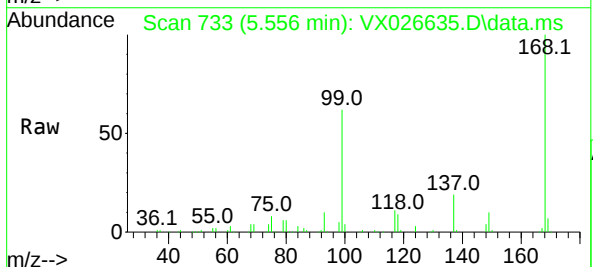
Instrument :
MSVOA_X
ClientSampleId :
PZ-1

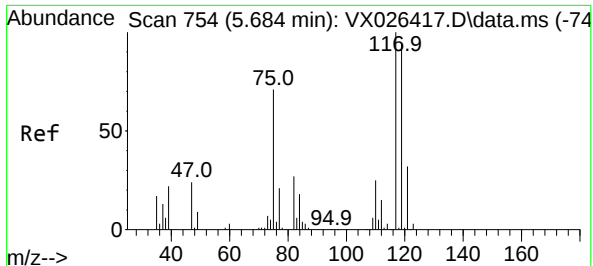
Tgt Ion:113 Resp: 67719
Ion Ratio Lower Upper
113 100
111 103.3 81.2 121.8
192 19.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.527 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

Tgt Ion: 75 Resp: 10070
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#

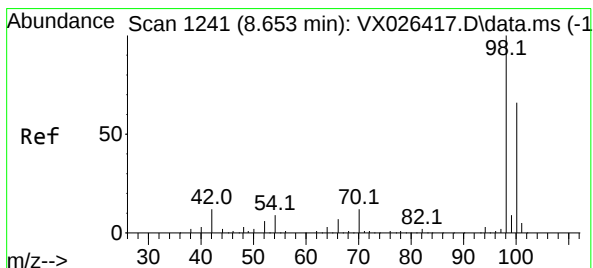
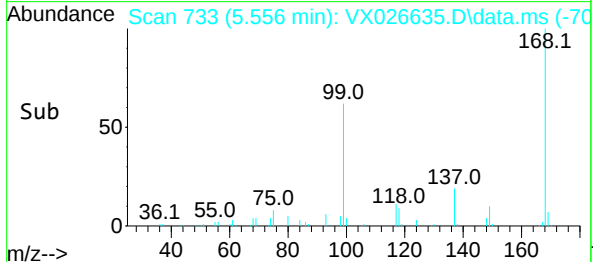
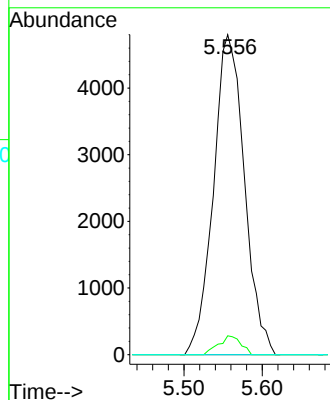
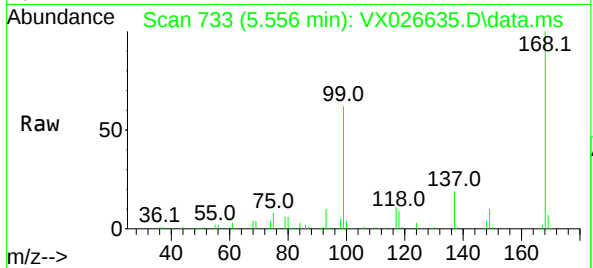




#38
Carbon Tetrachloride
Concen: 5.760 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

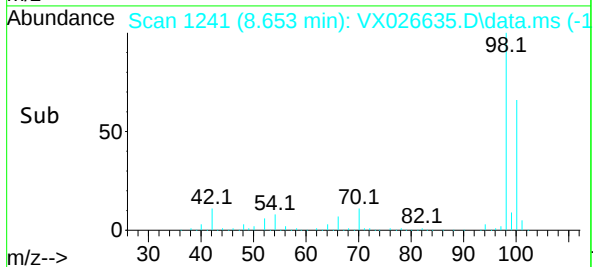
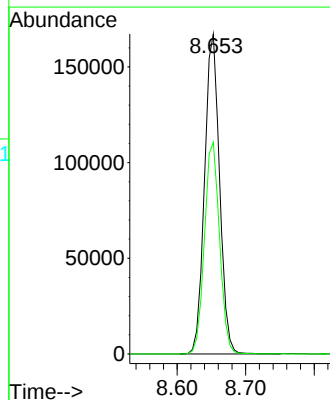
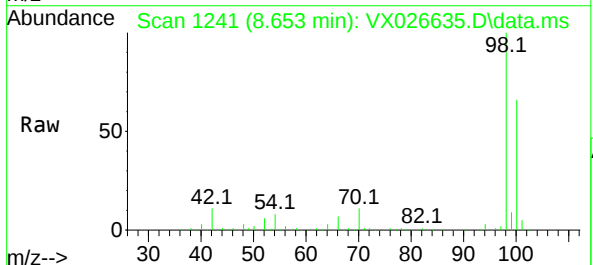
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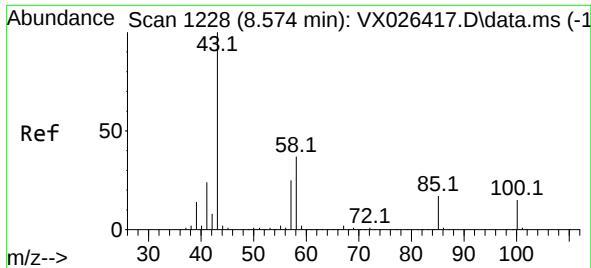
Tgt Ion:117 Resp: 13179
Ion Ratio Lower Upper
117 100
119 5.9 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.275 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

Tgt Ion: 98 Resp: 255269
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

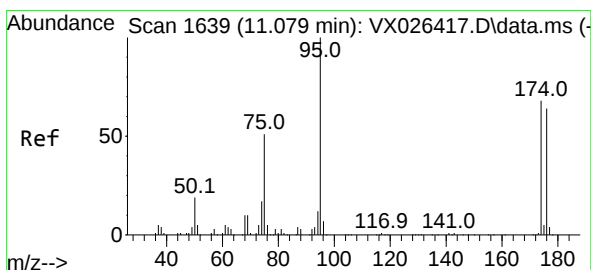
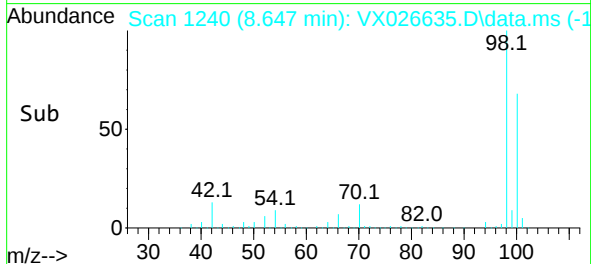
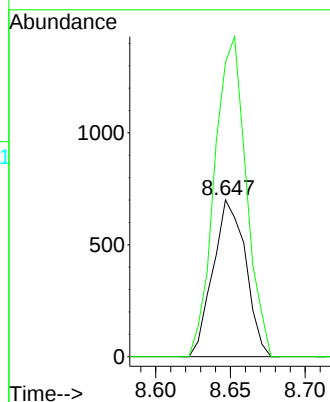
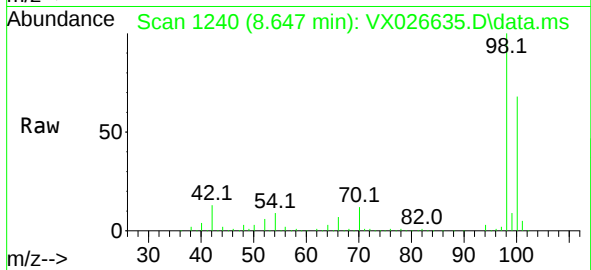




#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

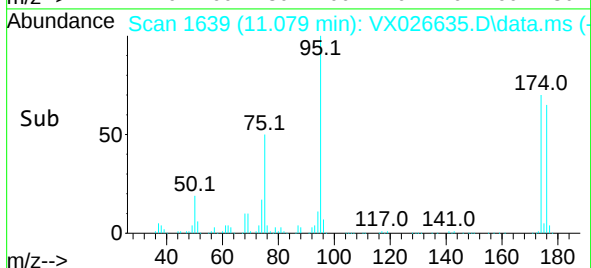
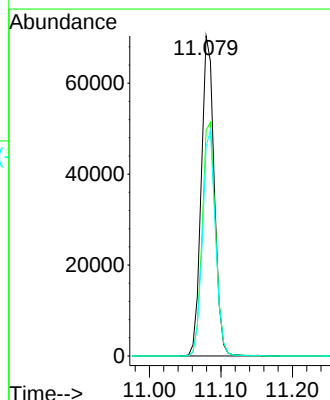
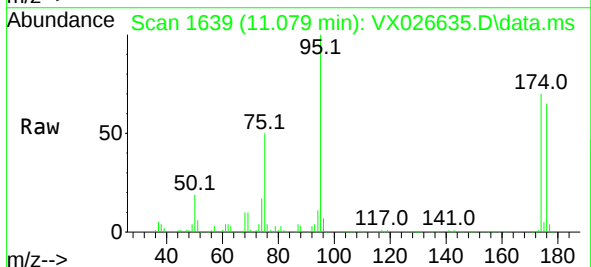
Instrument :
MSVOA_X
ClientSampleId :
PZ-1

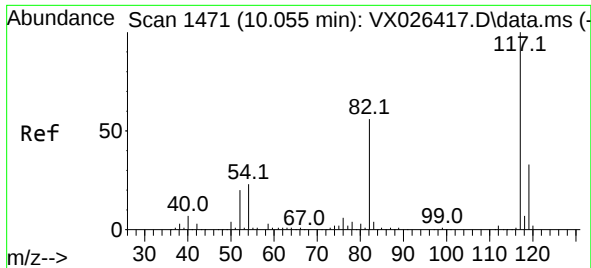
Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 198.8 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 49.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

Tgt Ion: 95 Resp: 88673
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 70.9 0.0 141.4

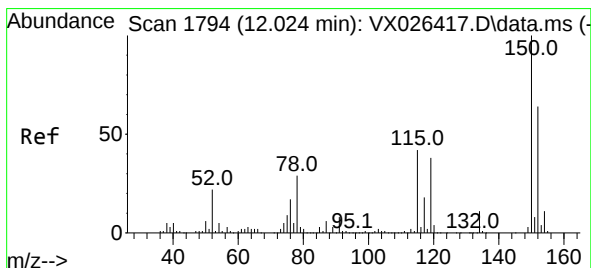
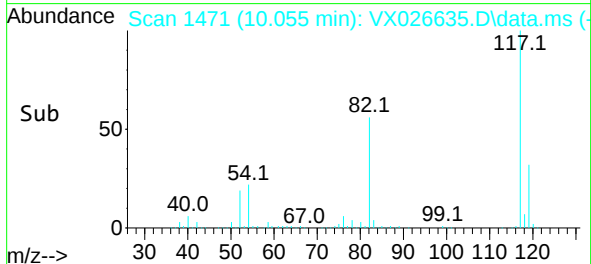
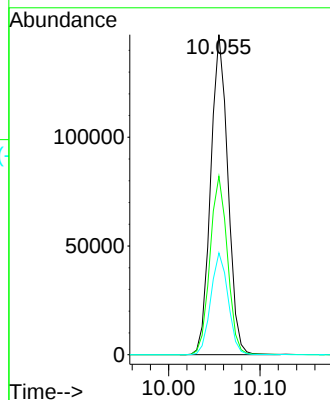
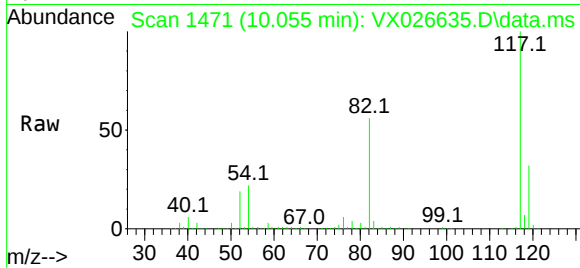




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

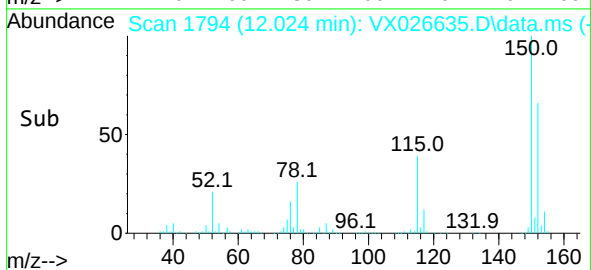
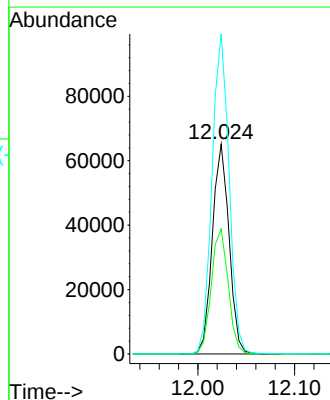
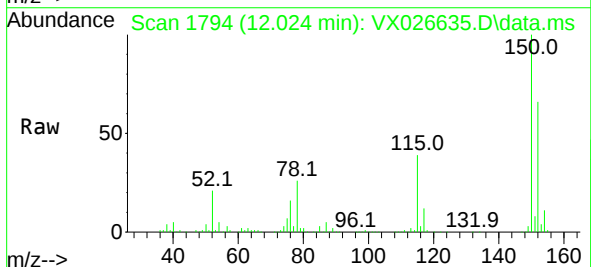
Instrument :
MSVOA_X
ClientSampleId :
PZ-1

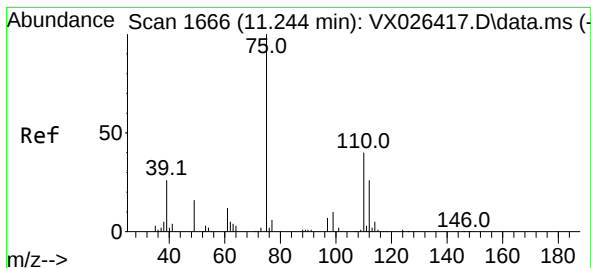
Tgt Ion:117 Resp: 192161
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

Tgt Ion:152 Resp: 78332
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 155.5 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 25.842 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX026635.D

Acq: 27 Jan 2022 19:21

Instrument :

MSVOA_X

ClientSampleId :

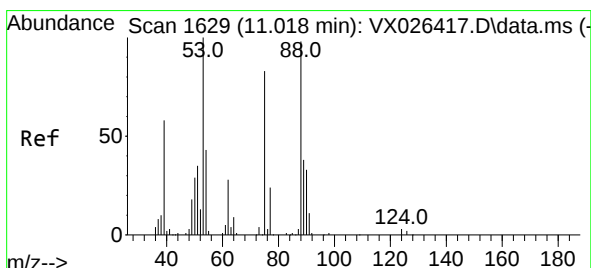
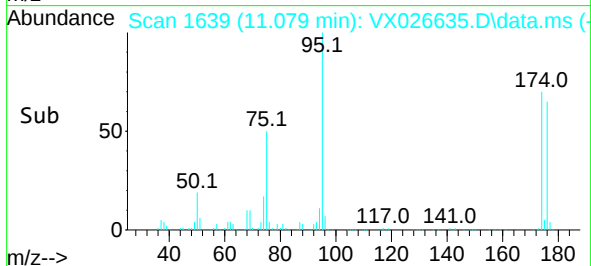
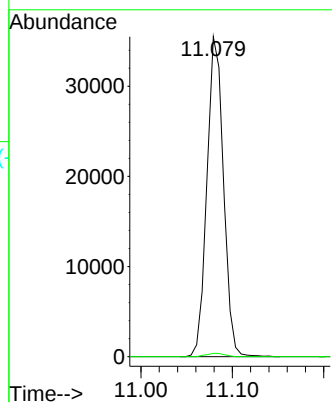
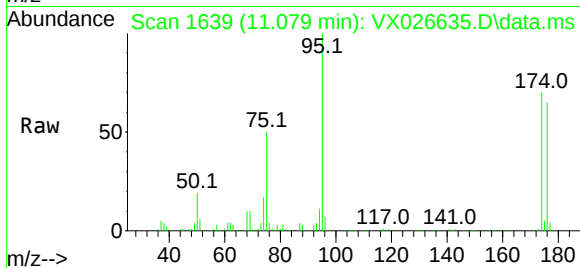
PZ-1

Tgt Ion: 75 Resp: 44569

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.381 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026635.D

Acq: 27 Jan 2022 19:21

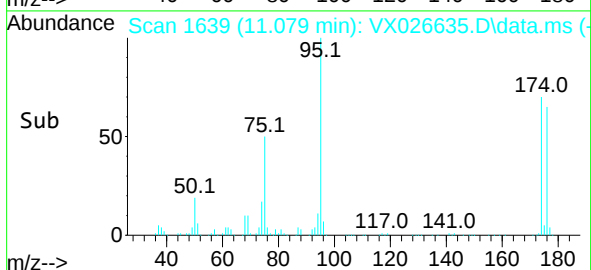
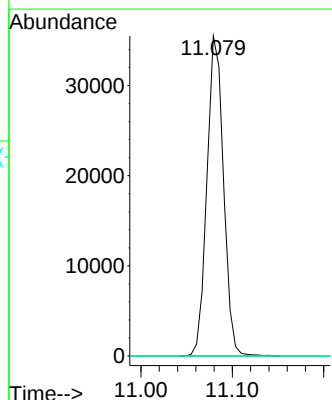
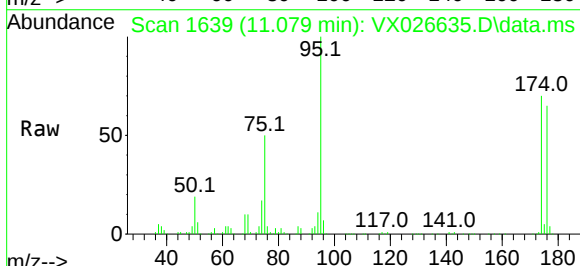
Tgt Ion: 75 Resp: 44569

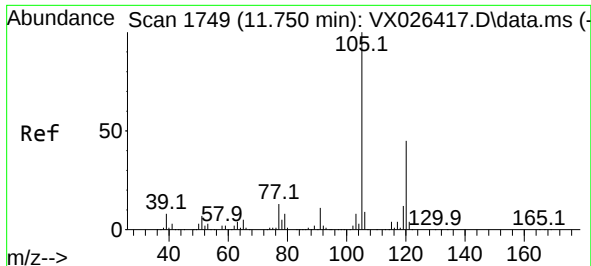
Ion Ratio Lower Upper

75 100

53 0.0 94.0 141.0#

89 0.0 37.0 55.4#

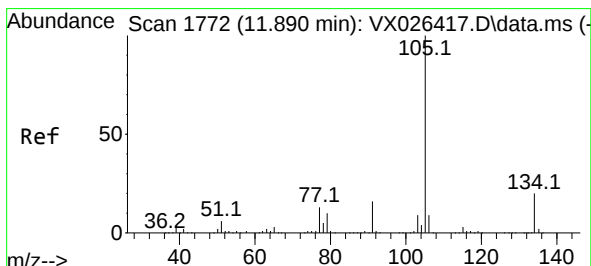
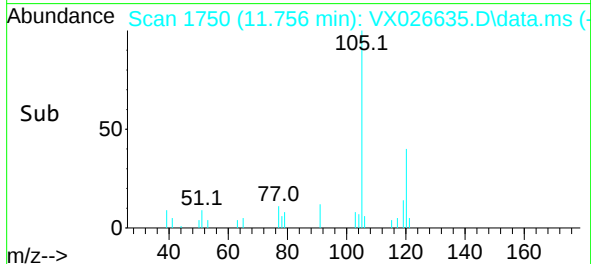
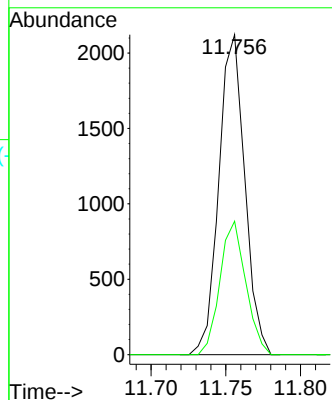
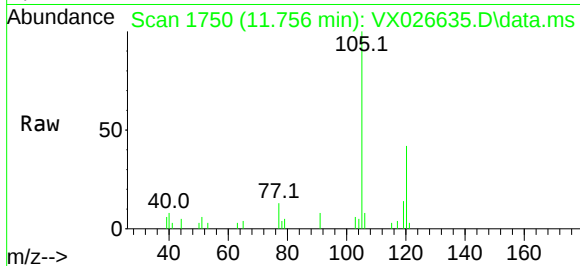




#84
1,2,4-Trimethylbenzene
Concen: 0.483 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

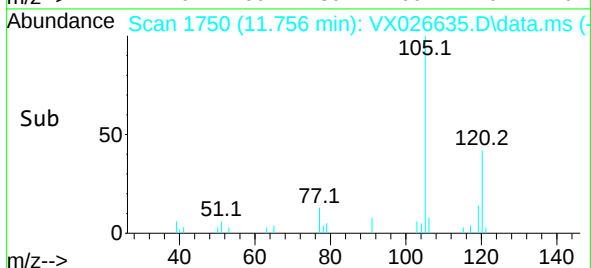
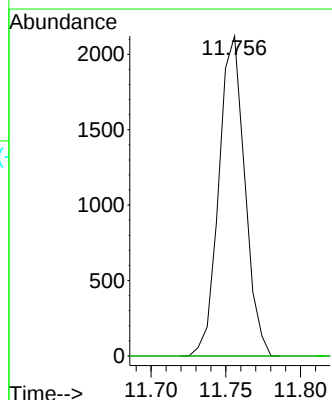
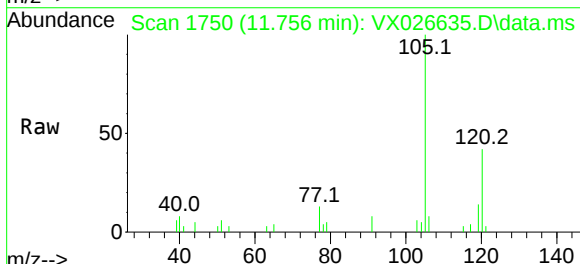
Instrument :
MSVOA_X
ClientSampleId :
PZ-1

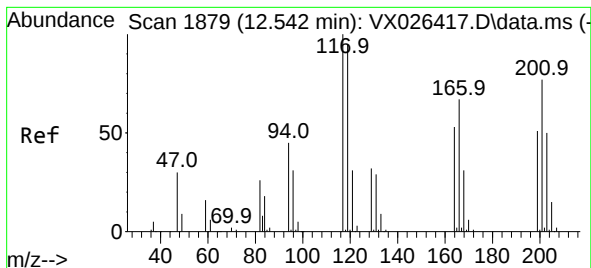
Tgt Ion:105 Resp: 2559
Ion Ratio Lower Upper
105 100
120 41.5 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.400 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX026635.D
Acq: 27 Jan 2022 19:21

Tgt Ion:105 Resp: 2559
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#90

Hexachloroethane

Concen: 2.198 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX026635.D

Acq: 27 Jan 2022 19:21

Instrument :

MSVOA_X

ClientSampleId :

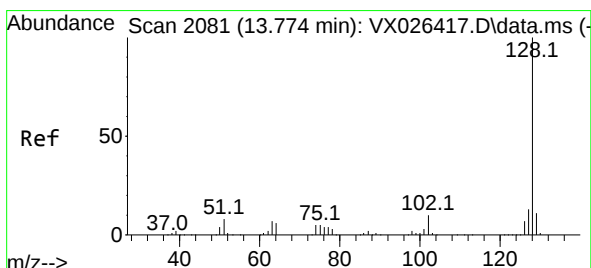
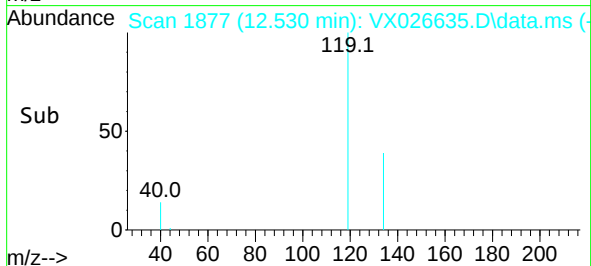
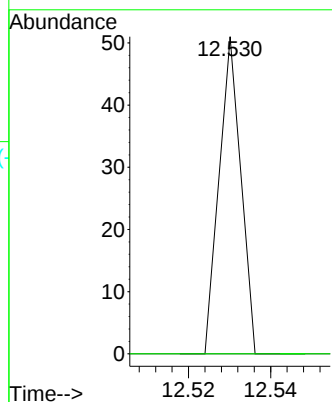
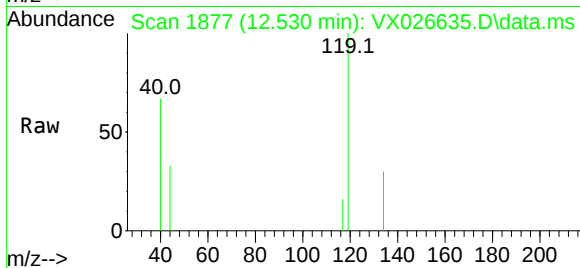
PZ-1

Tgt Ion:117 Resp: 19

Ion Ratio Lower Upper

117 100

201 0.0 35.6 106.8#



#95

Naphthalene

Concen: 0.200 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX026635.D

Acq: 27 Jan 2022 19:21

Tgt Ion:128 Resp: 1115

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 7.8 8.7 13.1#

