

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026643.D
 Acq On : 28 Jan 2022 11:58
 Operator : JC/MD
 Sample : VX0128WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBL01

Quant Time: Jan 29 02:17:51 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)

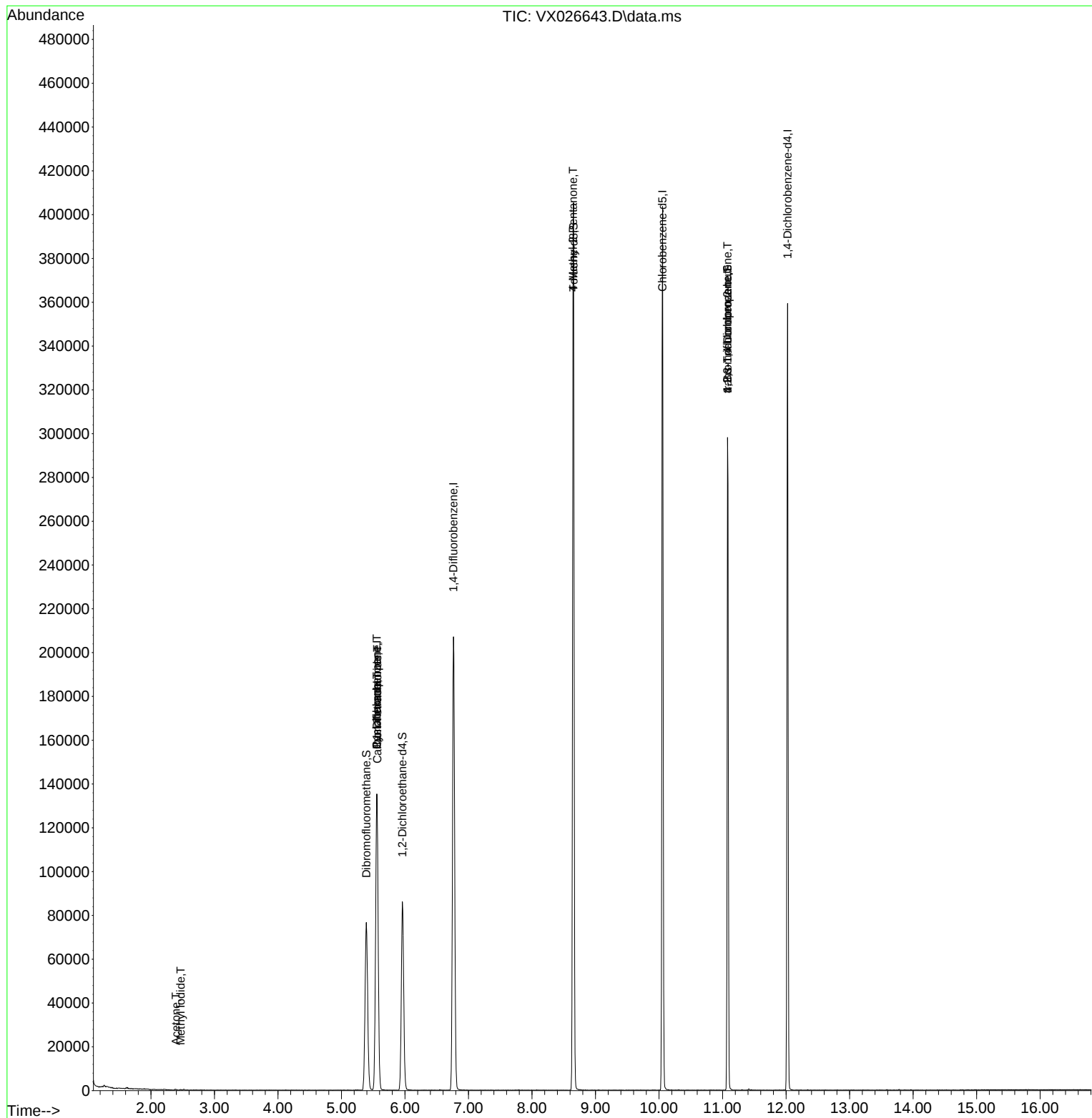
Internal Standards						
1) Pentafluorobenzene	5.556	168	127214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82298	46.311	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.391	113	67095	48.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	8.653	98	244588	49.006	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	82620	46.600	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.200%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	226	4.583	ug/l #	67
16) Acetone	2.392	43	425	0.469	ug/l	94
31) Cyclohexane	5.556	56	2589	0.988	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9724	4.447	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12994	5.778	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1095	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41415	25.465	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41415	77.311	ug/l #	3

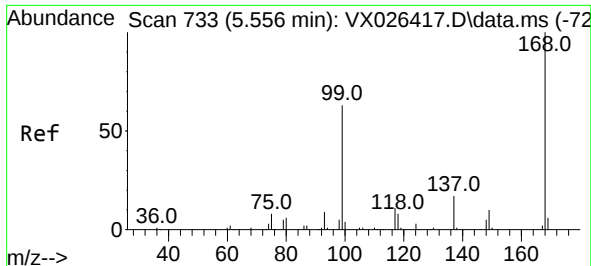
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VX0128WBL01

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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX026643.D

Acq: 28 Jan 2022 11:58

Instrument :

MSVOA_X

ClientSampleId :

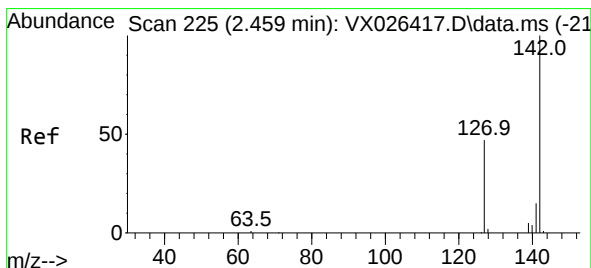
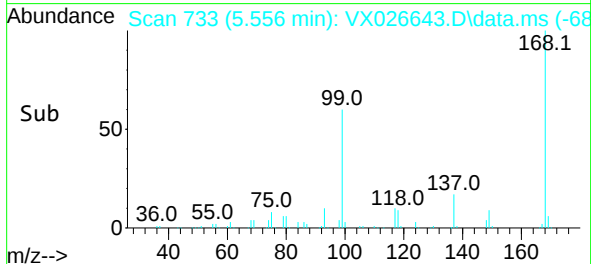
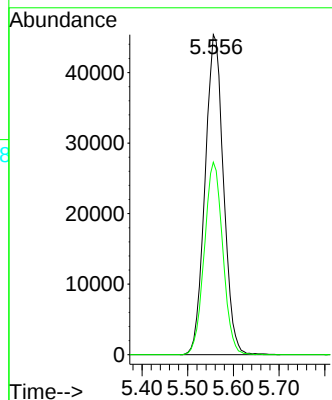
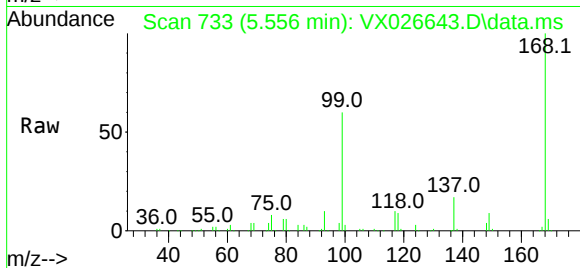
VX0128WBL01

Tgt Ion:168 Resp: 127214

Ion Ratio Lower Upper

168 100

99 60.1 50.3 75.5



#10

Methyl Iodide

Concen: 4.583 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.006 min

Lab File: VX026643.D

Acq: 28 Jan 2022 11:58

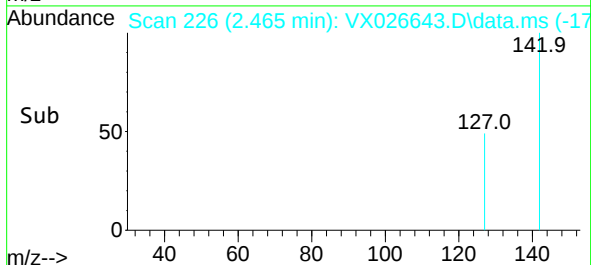
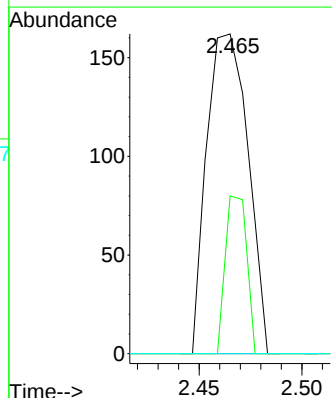
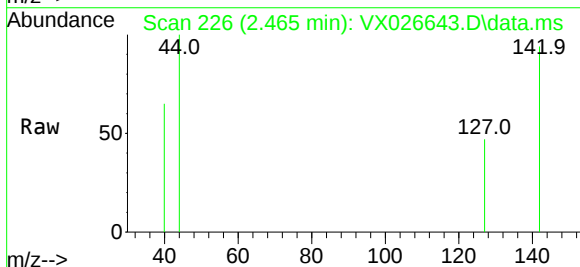
Tgt Ion:142 Resp: 226

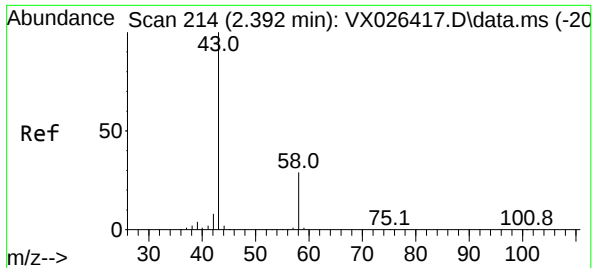
Ion Ratio Lower Upper

142 100

127 25.7 38.1 57.1#

141 0.0 11.2 16.8#

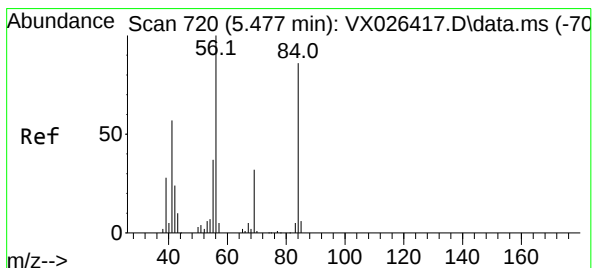
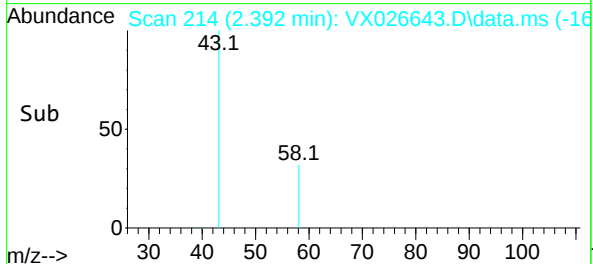
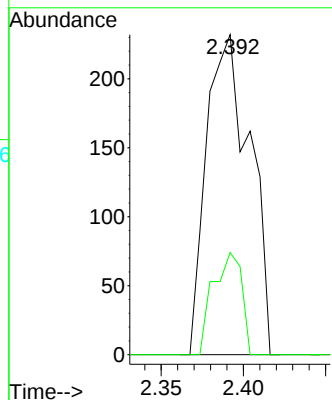
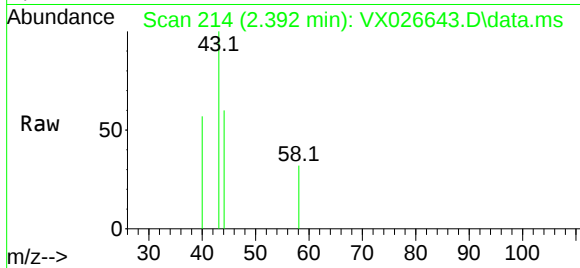




#16
Acetone
Concen: 0.469 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026643.D
Acq: 28 Jan 2022 11:58

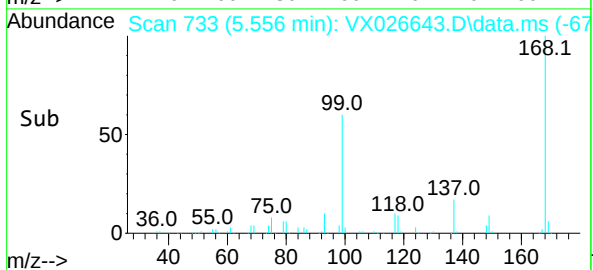
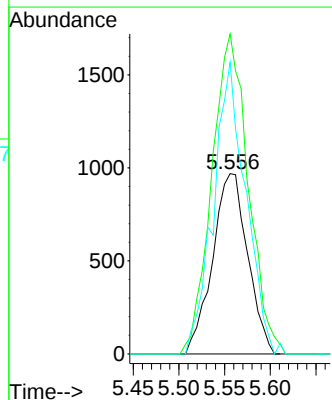
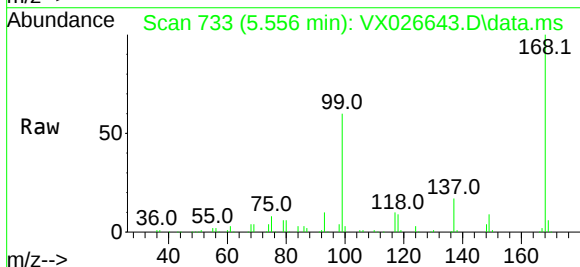
Instrument :
MSVOA_X
ClientSampleId :
VX0128WBL01

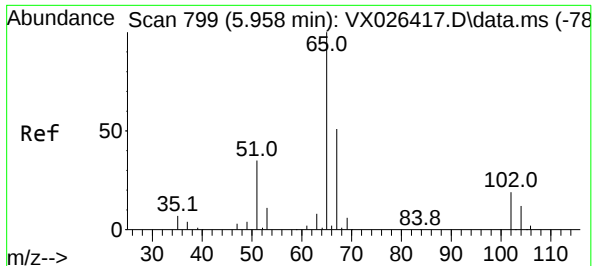
Tgt Ion: 43 Resp: 425
Ion Ratio Lower Upper
43 100
58 31.9 23.0 34.6



#31
Cyclohexane
Concen: 0.988 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026643.D
Acq: 28 Jan 2022 11:58

Tgt Ion: 56 Resp: 2589
Ion Ratio Lower Upper
56 100
69 177.5 25.8 38.6#
84 161.9 68.9 103.3#

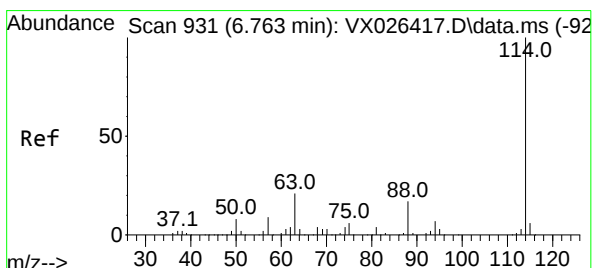
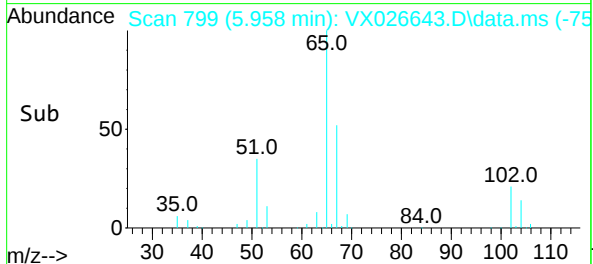
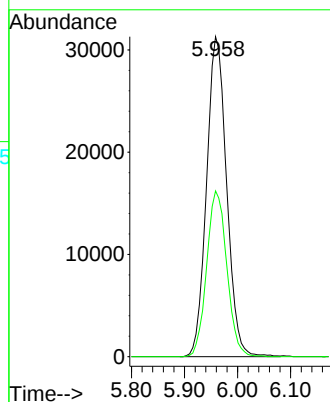
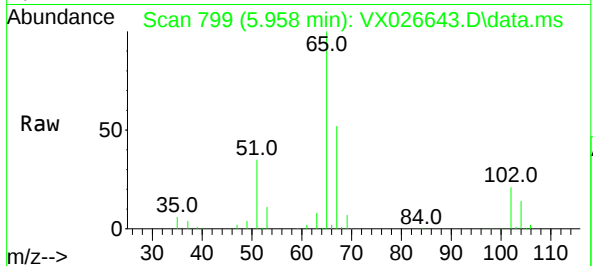




#33
 1,2-Dichloroethane-d4
 Concen: 46.311 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026643.D
 Acq: 28 Jan 2022 11:58

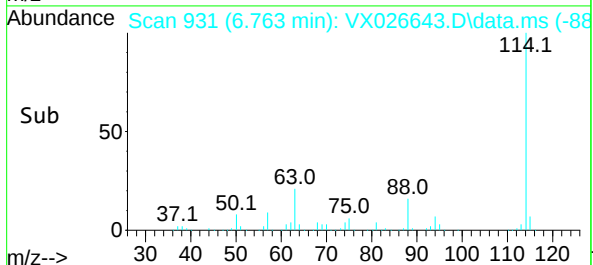
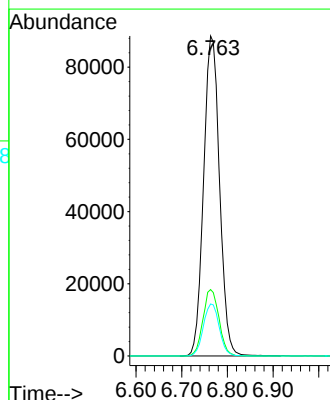
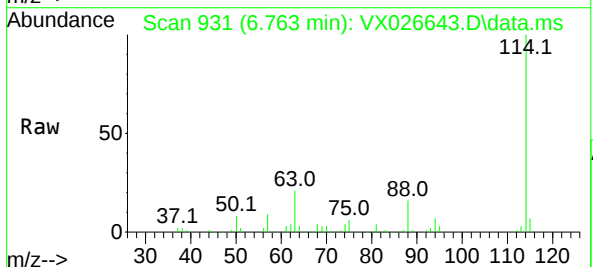
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBL01

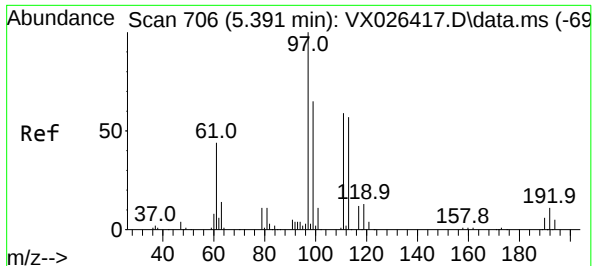
Tgt Ion: 65 Resp: 82298
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026643.D
 Acq: 28 Jan 2022 11:58

Tgt Ion: 114 Resp: 214473
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.444 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026643.D

Acq: 28 Jan 2022 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBL01

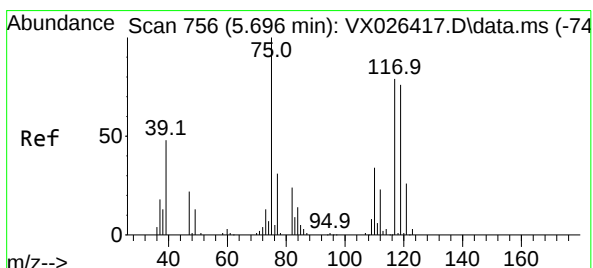
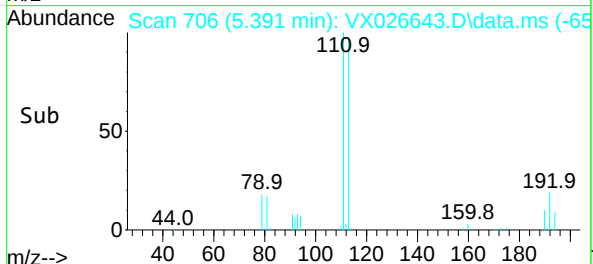
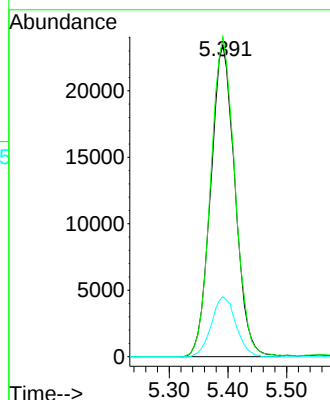
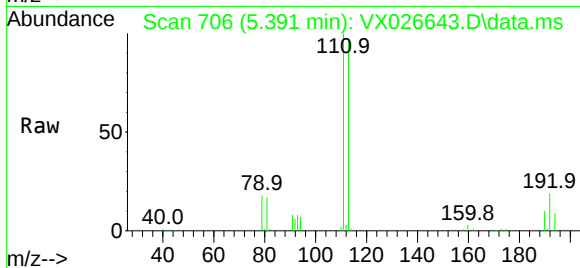
Tgt Ion:113 Resp: 67095

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 19.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.447 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026643.D

Acq: 28 Jan 2022 11:58

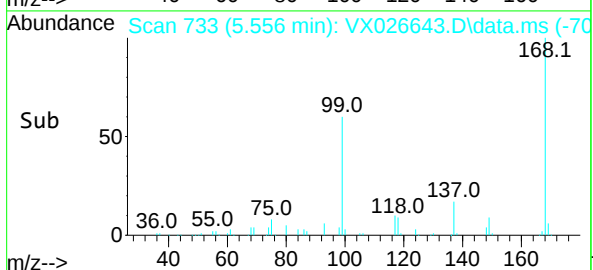
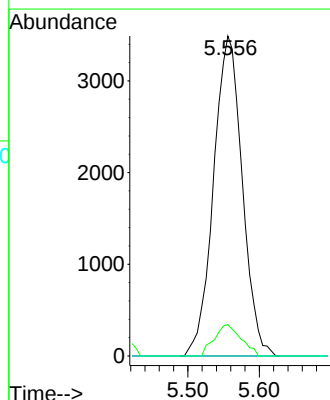
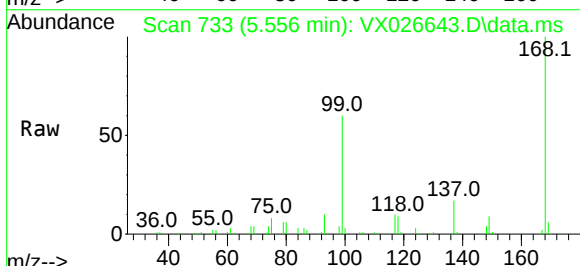
Tgt Ion: 75 Resp: 9724

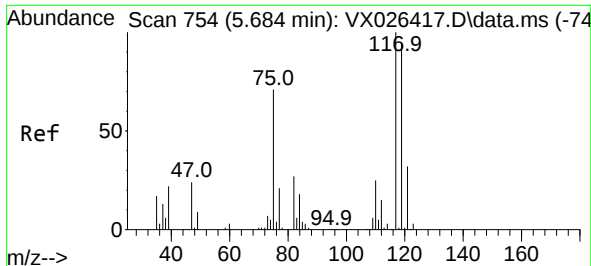
Ion Ratio Lower Upper

75 100

110 9.1 17.2 51.6#

77 0.0 24.6 36.8#

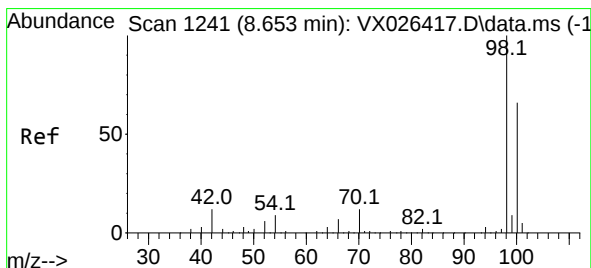
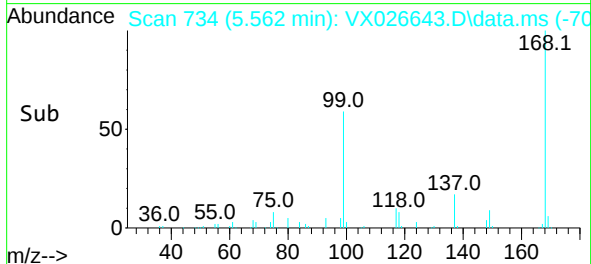
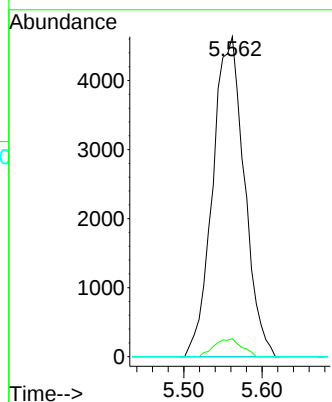
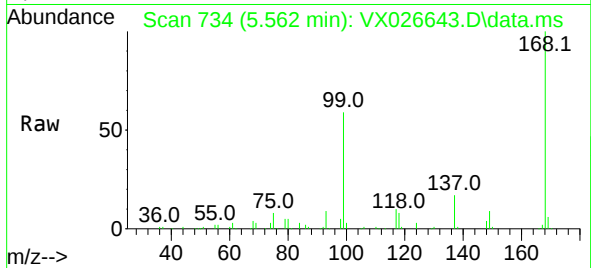




#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026643.D
Acq: 28 Jan 2022 11:58

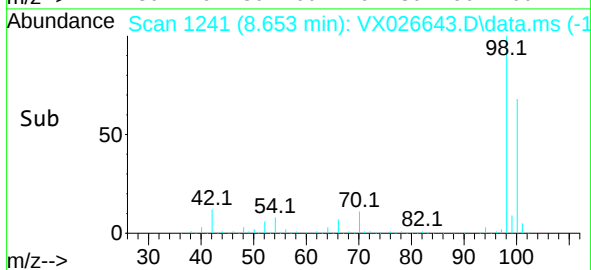
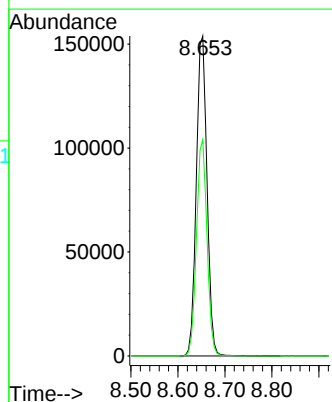
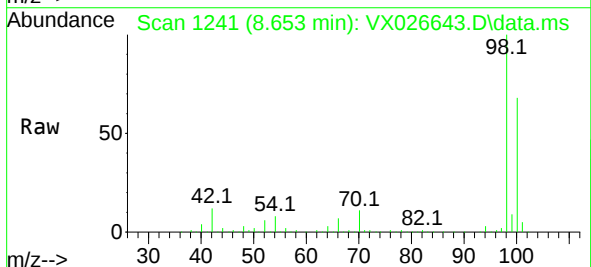
Instrument :
MSVOA_X
ClientSampleId :
VX0128WBL01

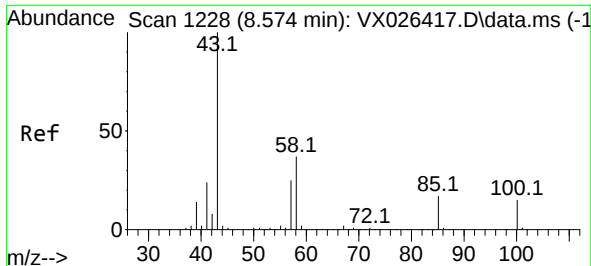
Tgt Ion:117 Resp: 12994
Ion Ratio Lower Upper
117 100
119 5.6 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.006 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026643.D
Acq: 28 Jan 2022 11:58

Tgt Ion: 98 Resp: 244588
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX026643.D

Acq: 28 Jan 2022 11:58

Instrument :

MSVOA_X

ClientSampleId :

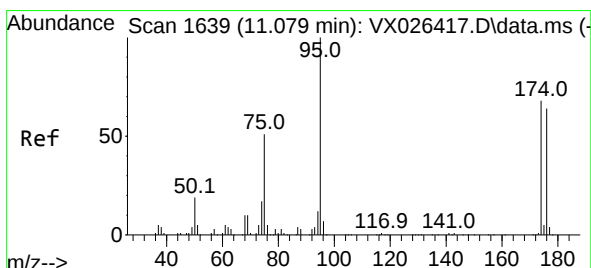
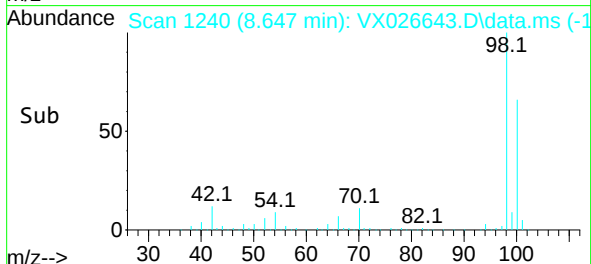
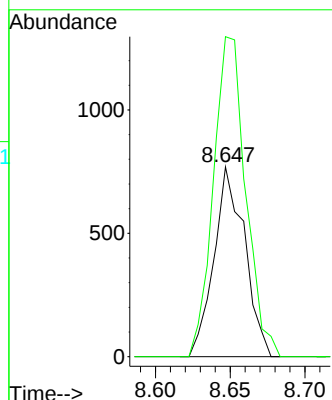
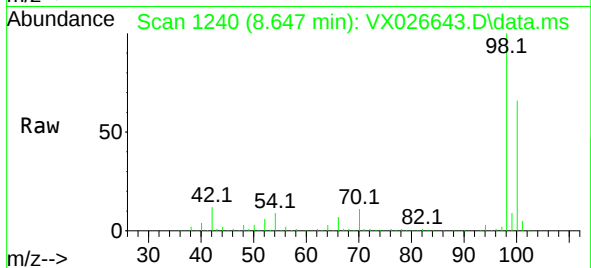
VX0128WBL01

Tgt Ion: 43 Resp: 1095

Ion Ratio Lower Upper

43 100

58 177.8 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 46.600 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026643.D

Acq: 28 Jan 2022 11:58

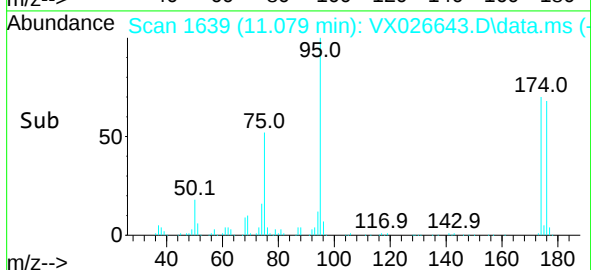
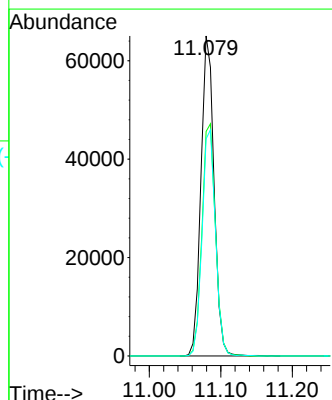
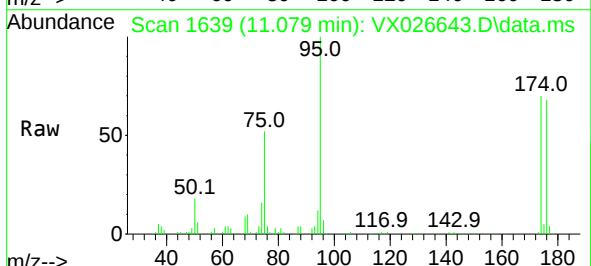
Tgt Ion: 95 Resp: 82620

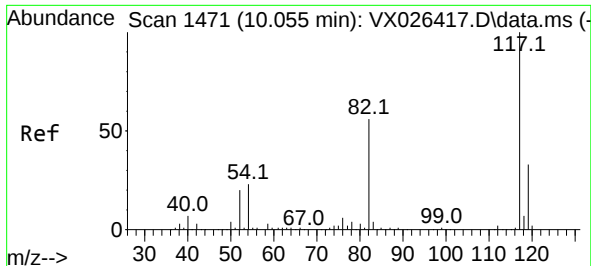
Ion Ratio Lower Upper

95 100

174 74.7 0.0 148.6

176 72.4 0.0 141.4

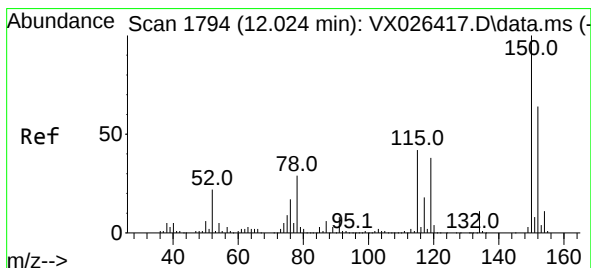
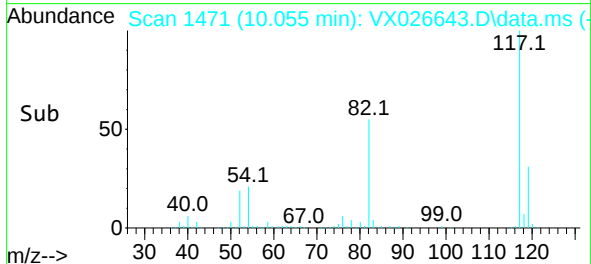
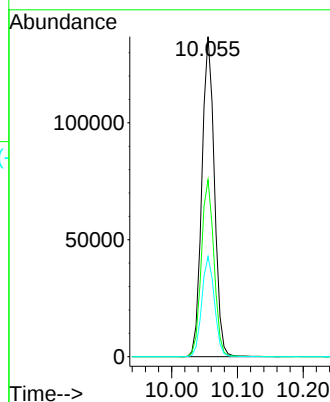
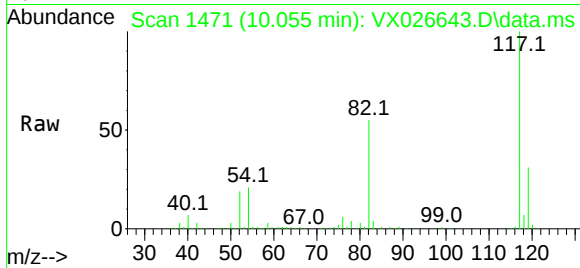




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026643.D
Acq: 28 Jan 2022 11:58

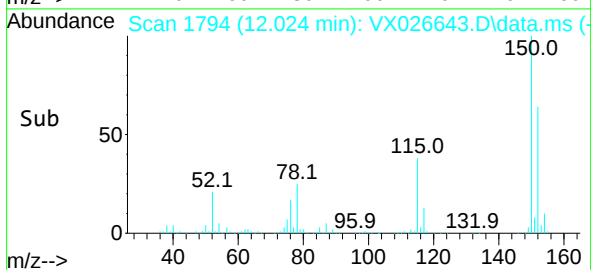
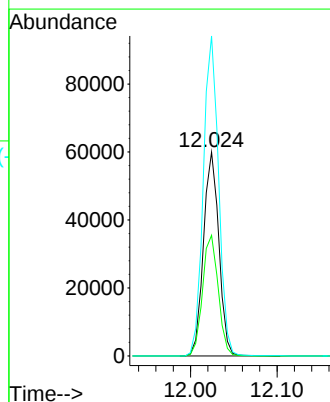
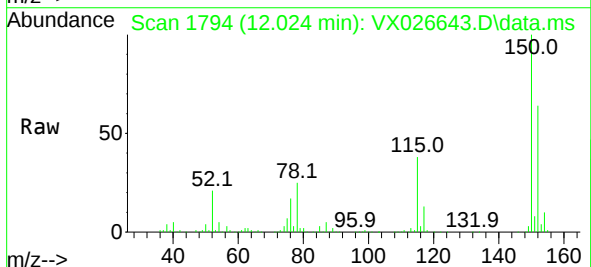
Instrument :
MSVOA_X
ClientSampleId :
VX0128WBL01

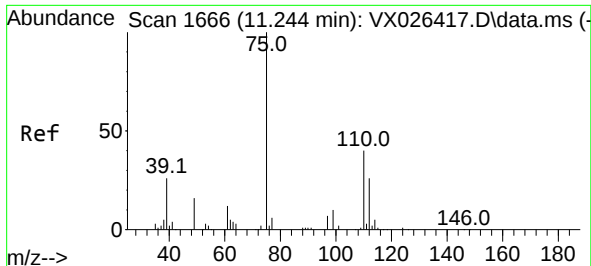
Tgt Ion:117 Resp: 181378
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026643.D
Acq: 28 Jan 2022 11:58

Tgt Ion:152 Resp: 73865
Ion Ratio Lower Upper
152 100
115 60.2 44.2 132.6
150 156.1 0.0 348.2

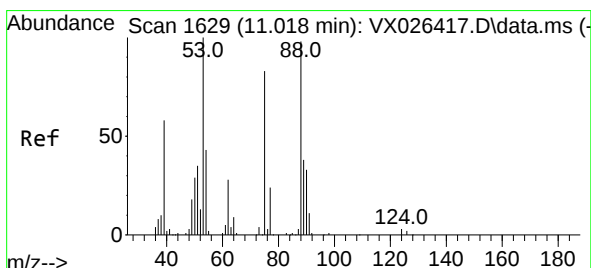
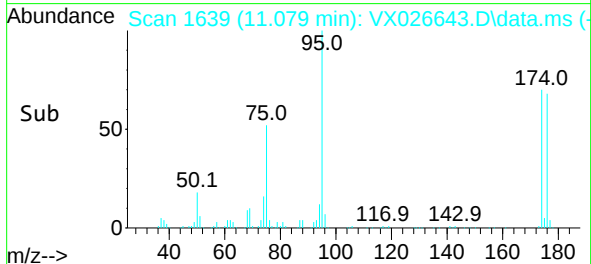
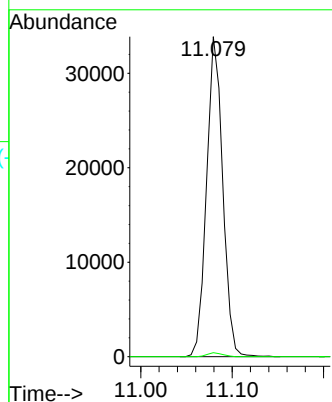
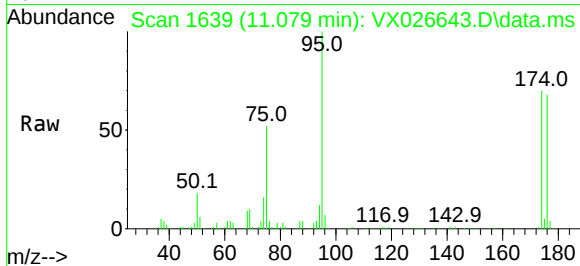




#76
1,2,3-Trichloropropane
Concen: 25.465 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026643.D
Acq: 28 Jan 2022 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBL01

Tgt Ion: 75 Resp: 41415
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.311 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026643.D
Acq: 28 Jan 2022 11:58

Tgt Ion: 75 Resp: 41415
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

