

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026627.D
 Acq On : 27 Jan 2022 16:17
 Operator : JC/MD
 Sample : N1296-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9R

Quant Time: Jan 28 04:26:42 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)

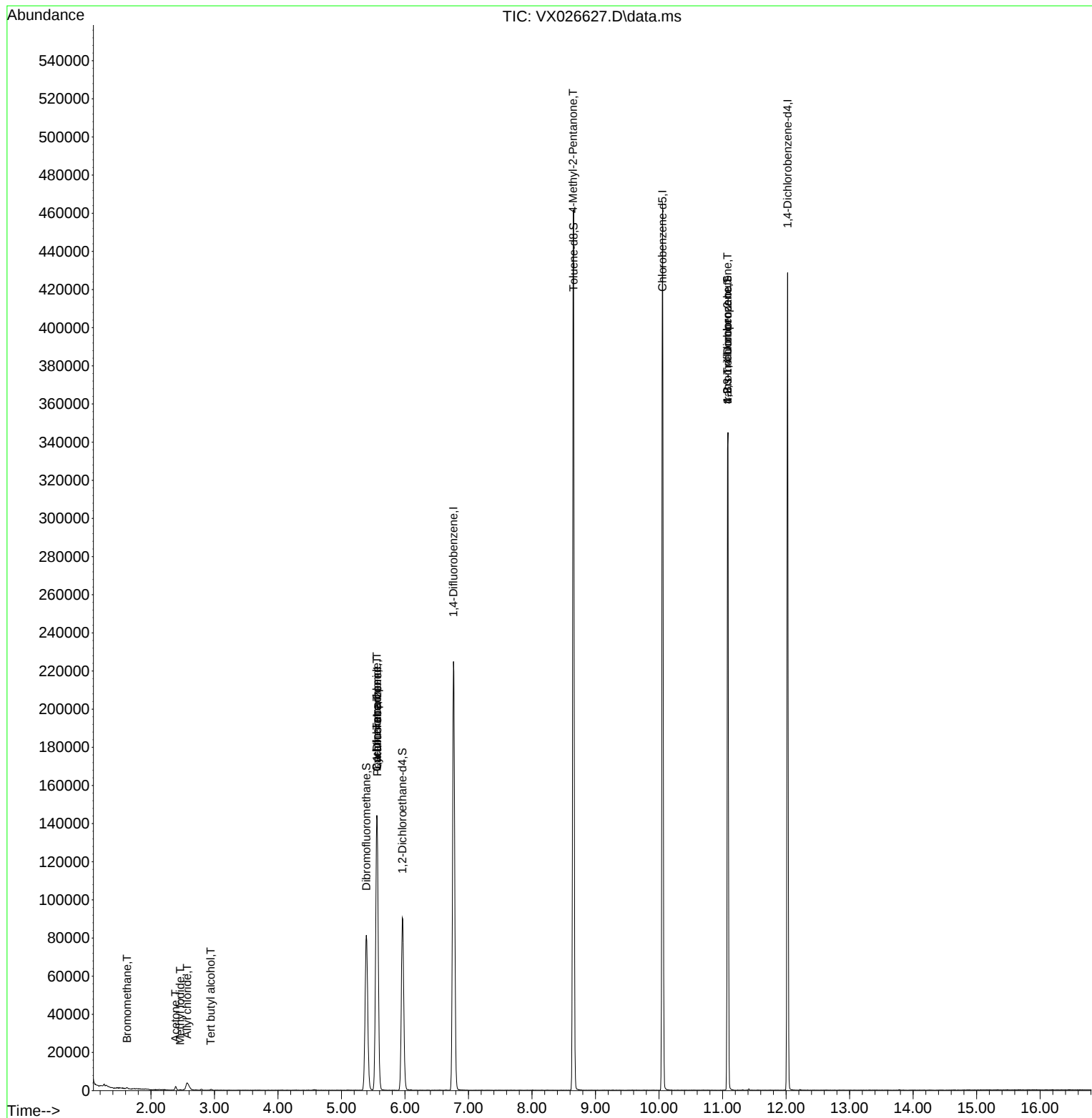
Internal Standards						
1) Pentafluorobenzene	5.562	168	136328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88619	46.534	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.060%
35) Dibromofluoromethane	5.391	113	71647	48.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.652	98	271285	50.825	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.640%
62) 4-Bromofluorobenzene	11.079	95	96906	51.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	279	0.390	ug/l	83
10) Methyl Iodide	2.458	142	310	4.621	ug/l #	68
11) Tert butyl alcohol	2.940	59	197	0.744	ug/l #	75
14) Allyl chloride	2.568	41	805	0.307	ug/l #	80
16) Acetone	2.385	43	2168	2.232	ug/l	90
31) Cyclohexane	5.555	56	2712	0.965	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	10867	4.647	ug/l #	51
38) Carbon Tetrachloride	5.555	117	14304	5.947	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	1294	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48837	26.259	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48837	79.566	ug/l #	3

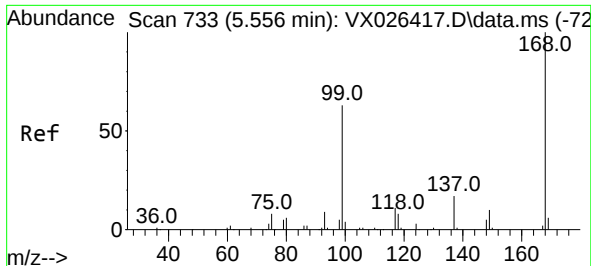
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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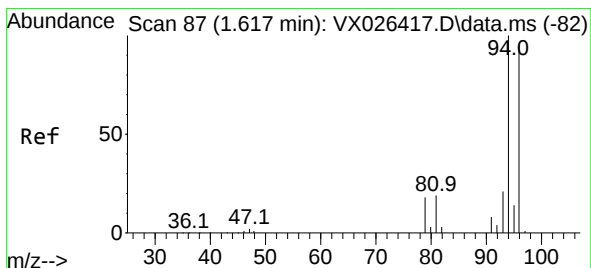
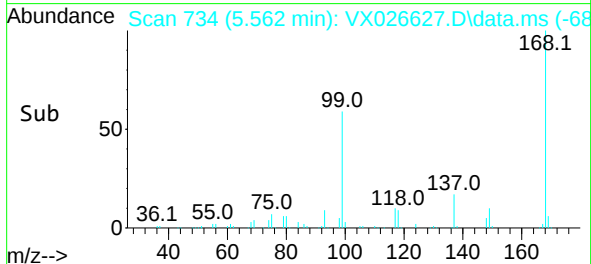
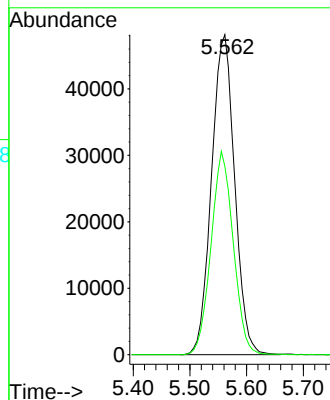
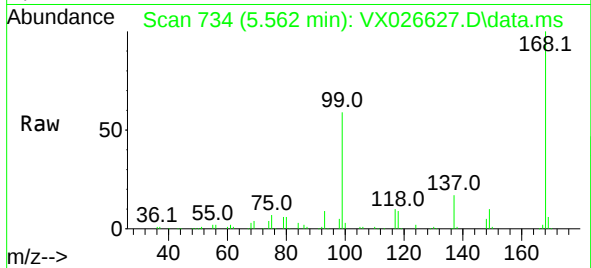




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

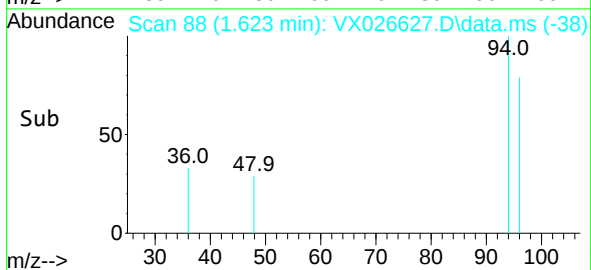
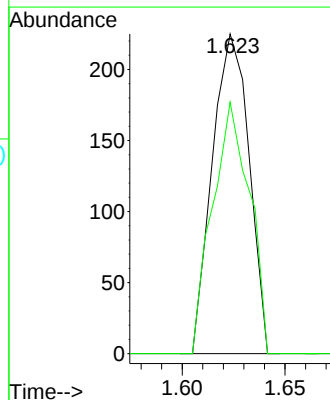
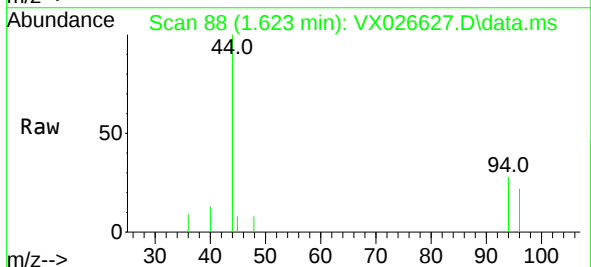
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

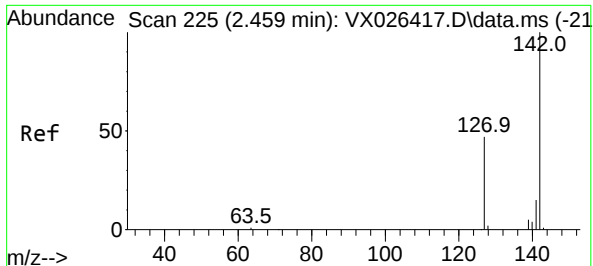
Tgt Ion:168 Resp: 136328
Ion Ratio Lower Upper
168 100
99 58.9 50.3 75.5



#5
Bromomethane
Concen: 0.390 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

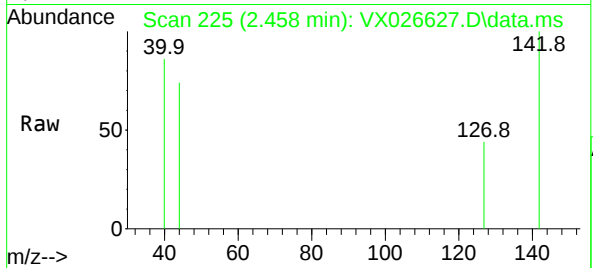
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 78.7 75.9 113.9



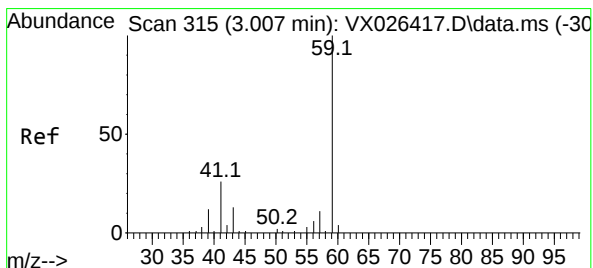
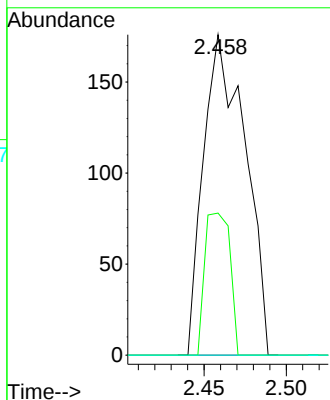
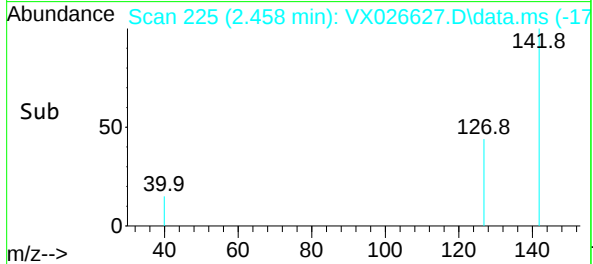


#10
Methyl Iodide
Concen: 4.621 ug/l
RT: 2.458 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

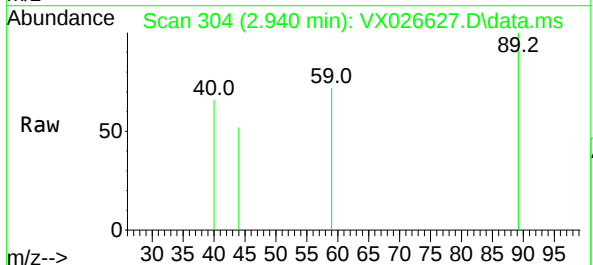
Instrument :
MSVOA_X
ClientSampleId :
MW-9R



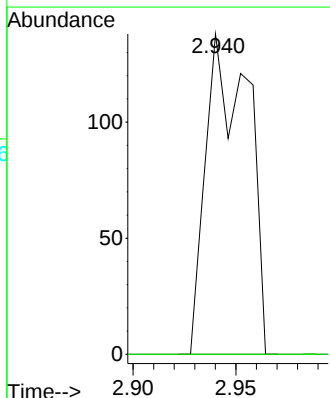
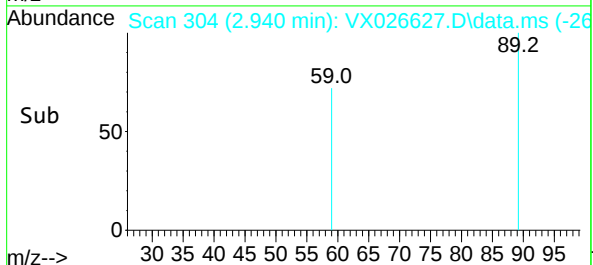
Tgt Ion:142 Resp: 310
Ion Ratio Lower Upper
142 100
127 26.8 38.1 57.1#
141 0.0 11.2 16.8#

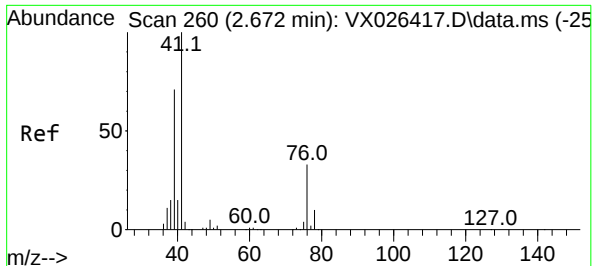


#11
Tert butyl alcohol
Concen: 0.744 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17



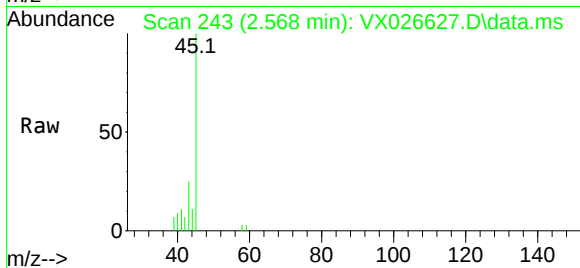
Tgt Ion: 59 Resp: 197
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



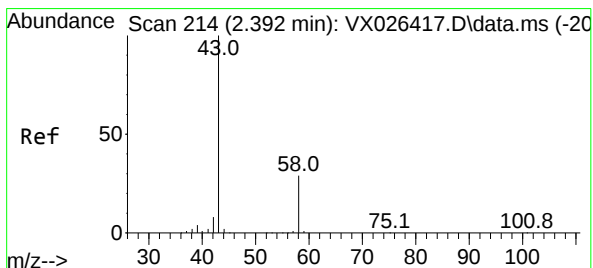
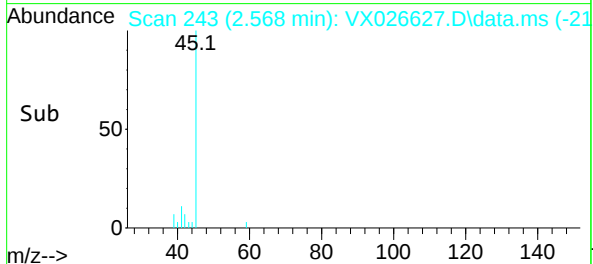
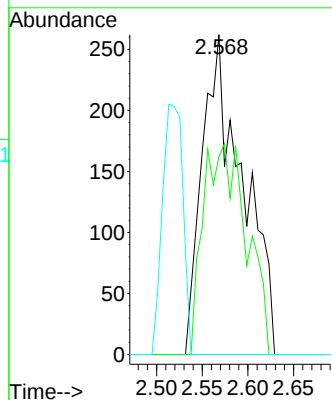


#14
 Allyl chloride
 Concen: 0.307 ug/l
 RT: 2.568 min Scan# 243
 Delta R.T. -0.104 min
 Lab File: VX026627.D
 Acq: 27 Jan 2022 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9R

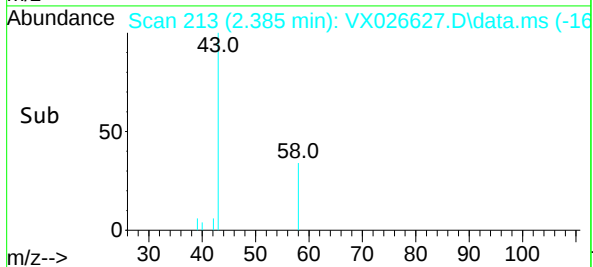
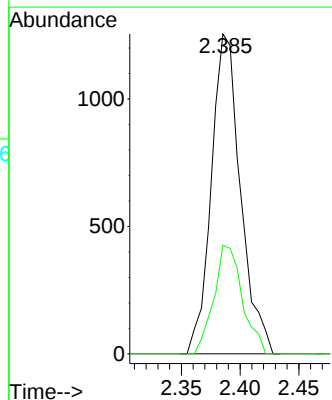
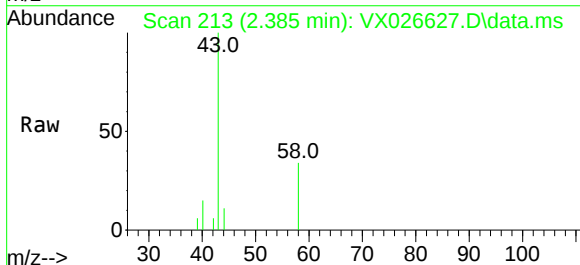


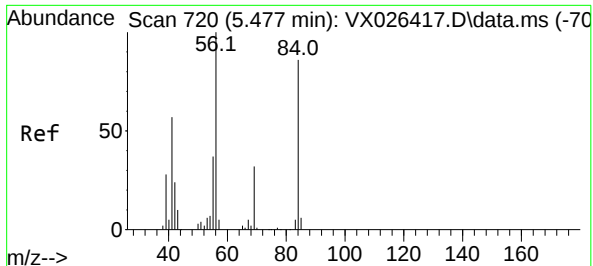
Tgt Ion: 41	Resp: 805
Ion Ratio	Lower Upper
41	100
39	70.6 54.2 81.4
76	0.0 25.2 37.8



#16
 Acetone
 Concen: 2.232 ug/l
 RT: 2.385 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX026627.D
 Acq: 27 Jan 2022 16:17

Tgt Ion: 43	Resp: 2168
Ion Ratio	Lower Upper
43	100
58	33.9 23.0 34.6

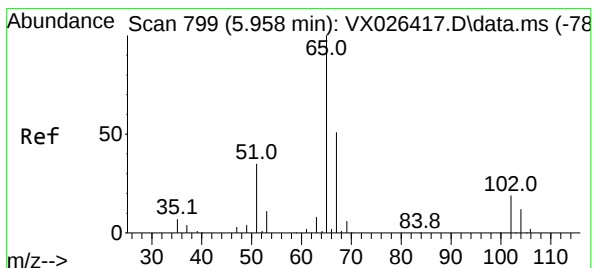
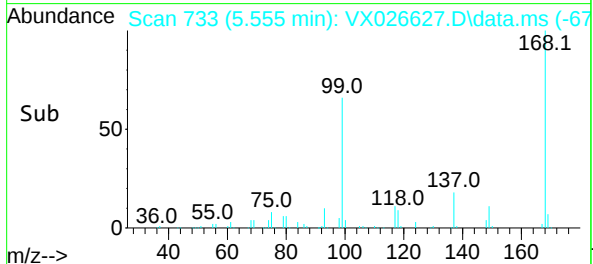
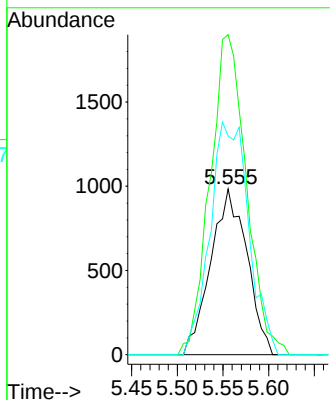
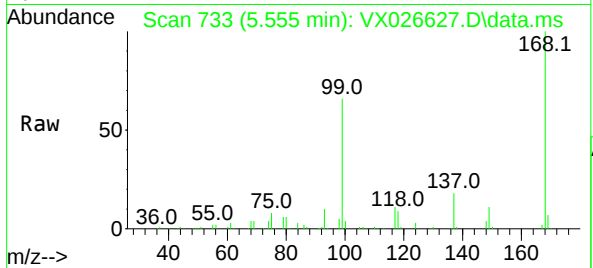




#31
Cyclohexane
Concen: 0.965 ug/l
RT: 5.555 min Scan# 712
Delta R.T. 0.079 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

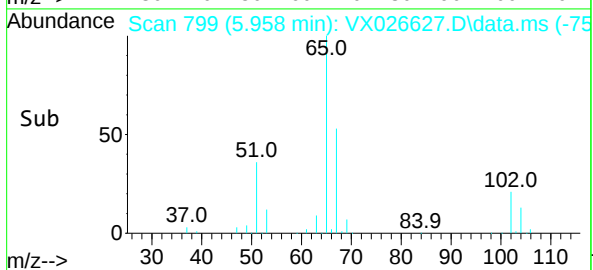
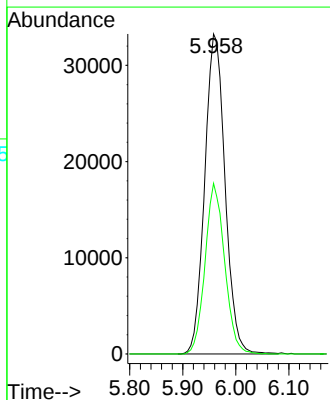
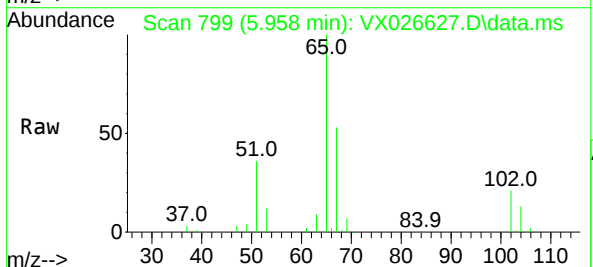
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

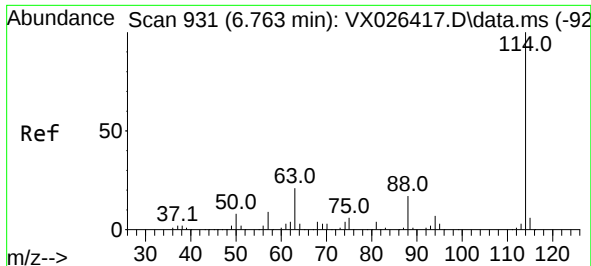
Tgt Ion: 56 Resp: 2712
Ion Ratio Lower Upper
56 100
69 193.1 25.8 38.6#
84 132.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.534 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

Tgt Ion: 65 Resp: 88619
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8

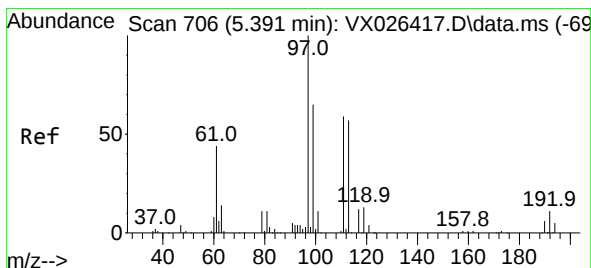
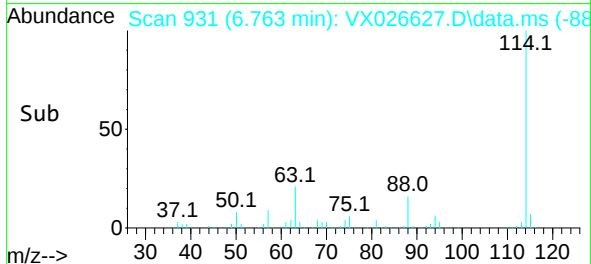
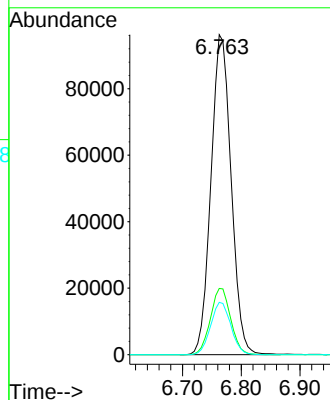
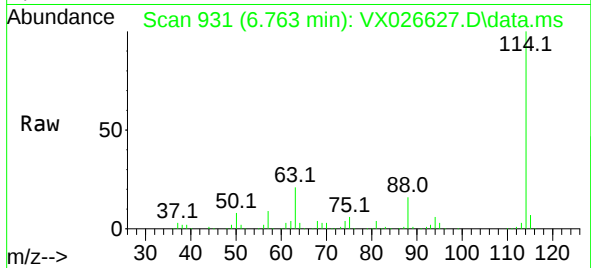




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

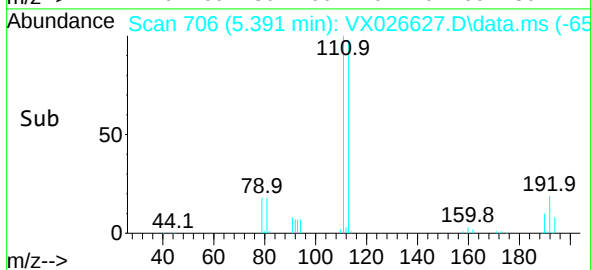
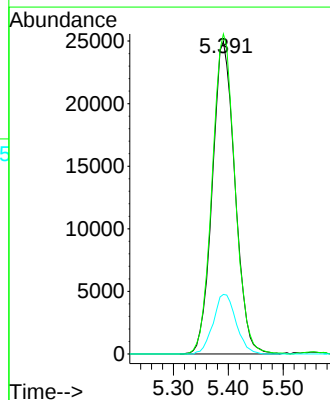
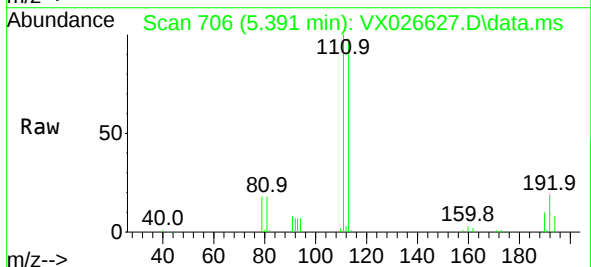
Instrument :
MSVOA_X
ClientSampleId :
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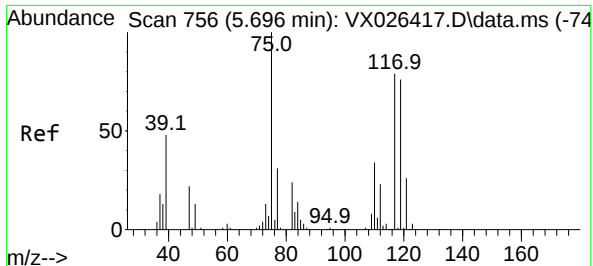
Tgt Ion:114 Resp: 229373
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.370 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

Tgt Ion:113 Resp: 71647
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 19.2 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.647 ug/l

RT: 5.555 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX026627.D

Acq: 27 Jan 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

MW-9R

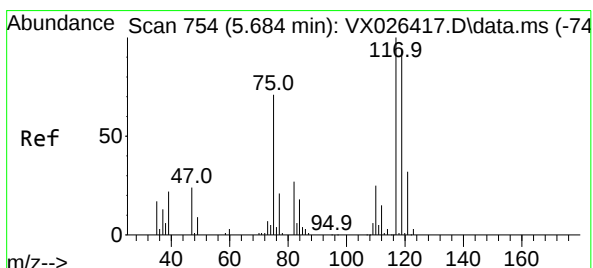
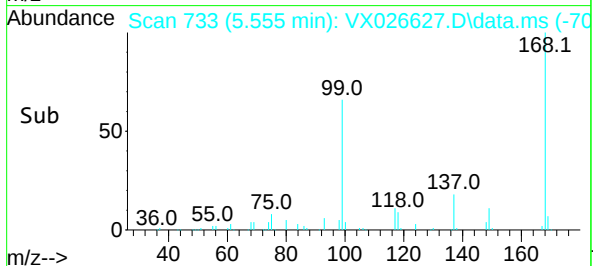
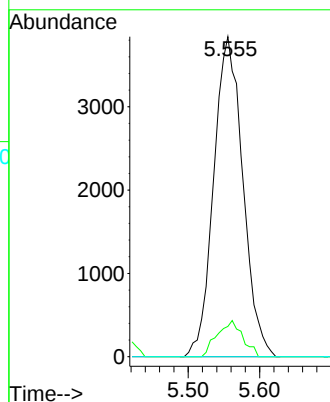
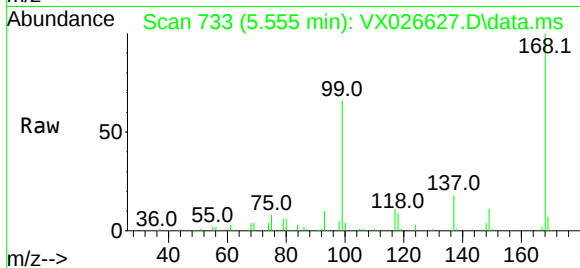
Tgt Ion: 75 Resp: 10867

Ion Ratio Lower Upper

75 100

110 9.8 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.947 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026627.D

Acq: 27 Jan 2022 16:17

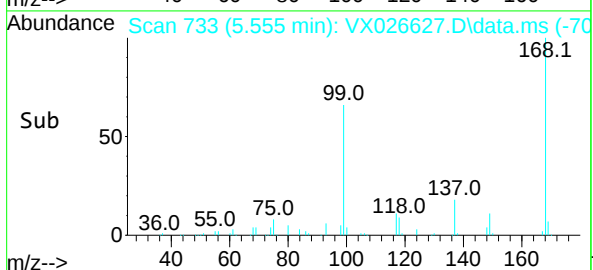
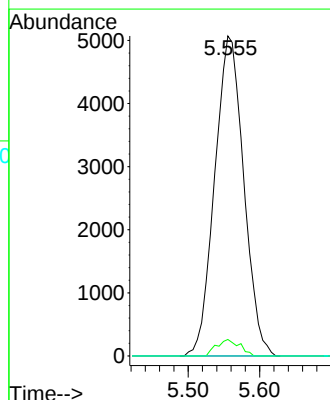
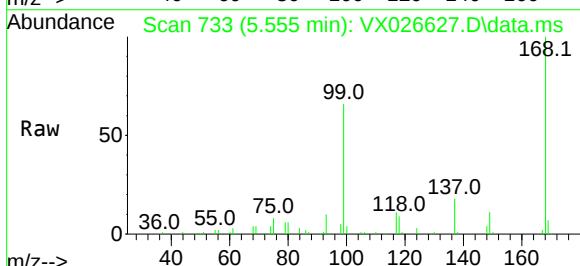
Tgt Ion: 117 Resp: 14304

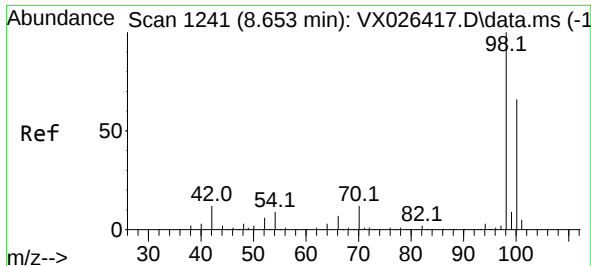
Ion Ratio Lower Upper

117 100

119 5.2 74.7 112.1#

121 0.0 25.4 38.0#

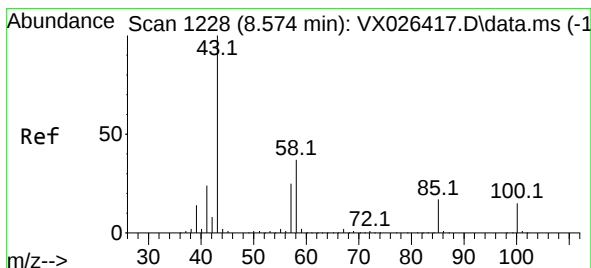
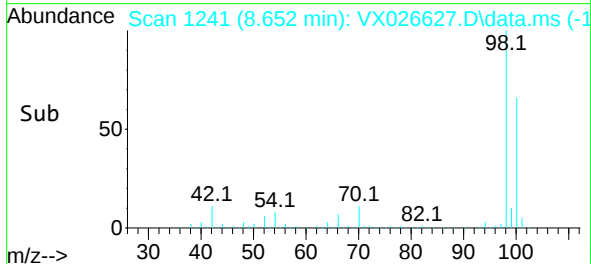
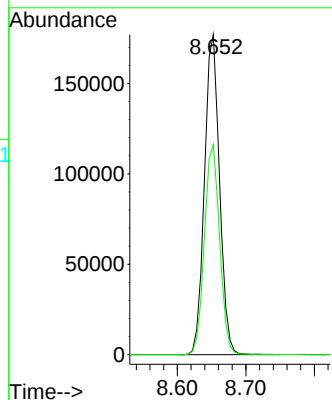
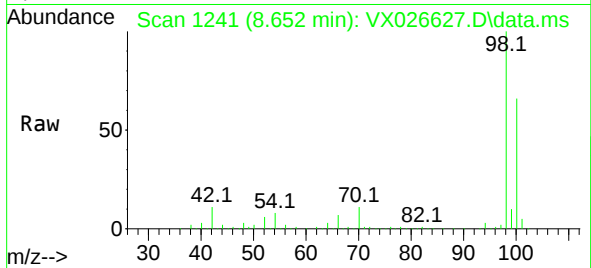




#50
Toluene-d8
Concen: 50.825 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

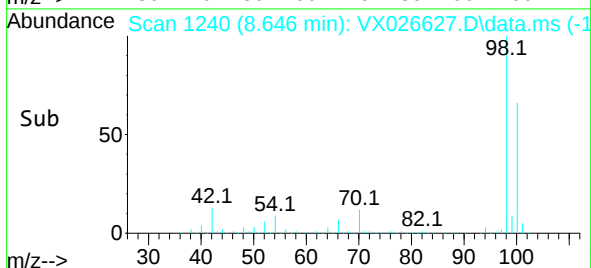
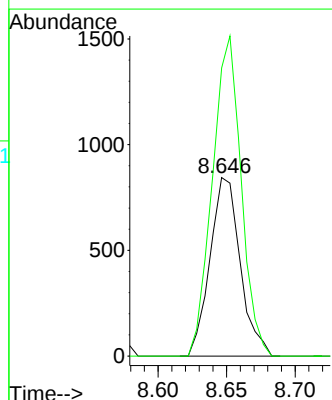
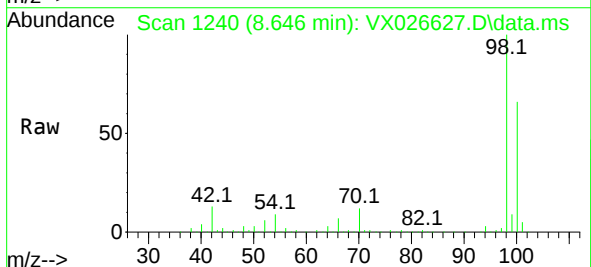
Instrument :
MSVOA_X
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MW-9R

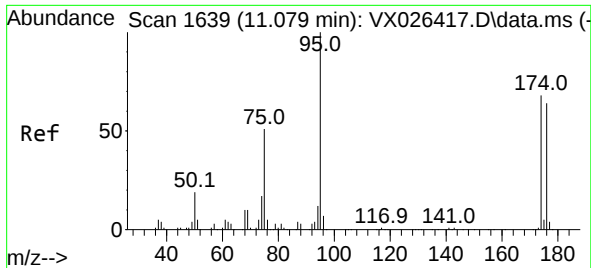
Tgt Ion: 98 Resp: 271285
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 171.1 30.5 45.7#

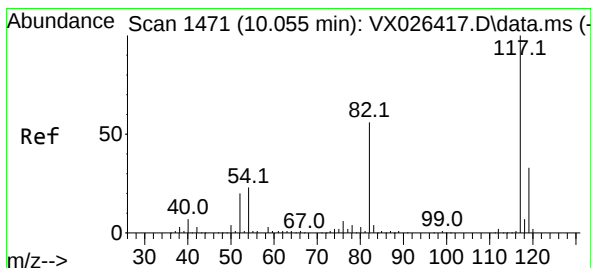
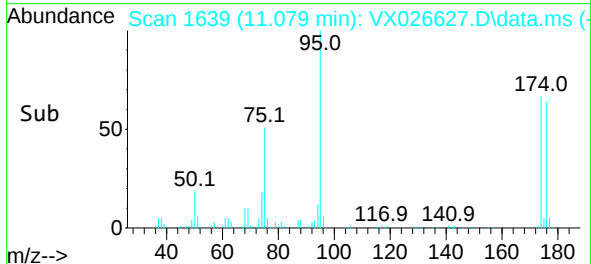
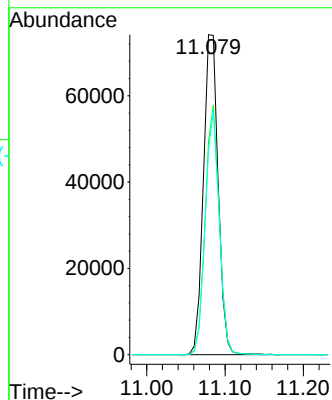
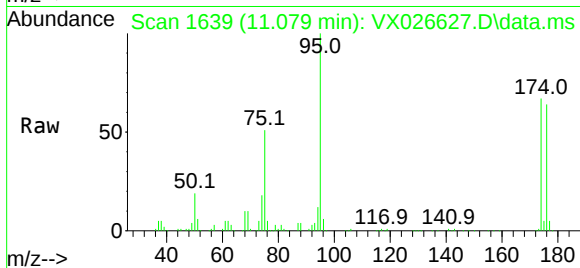




#62
4-Bromofluorobenzene
Concen: 51.107 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

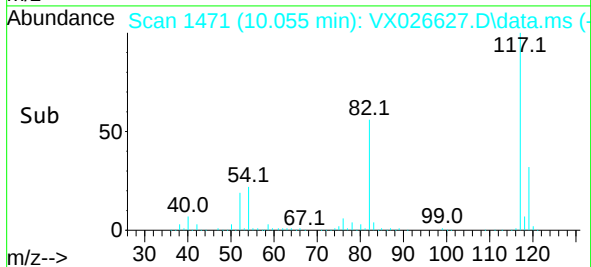
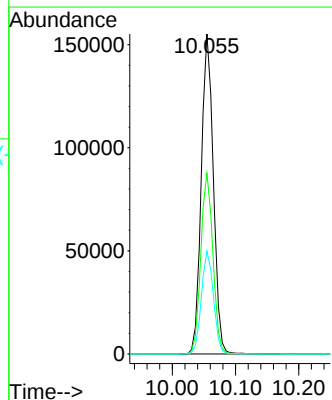
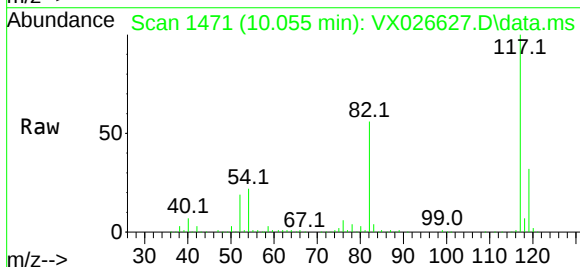
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

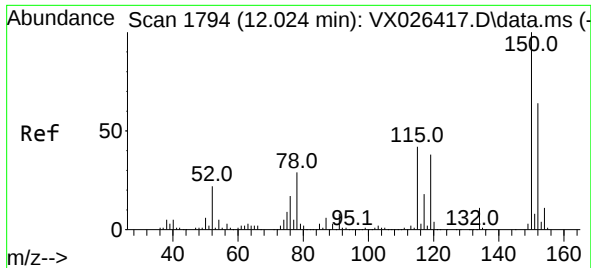
Tgt Ion: 95 Resp: 96906
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.6
176 72.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026627.D
Acq: 27 Jan 2022 16:17

Tgt Ion: 117 Resp: 206669
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.1 26.2 39.2

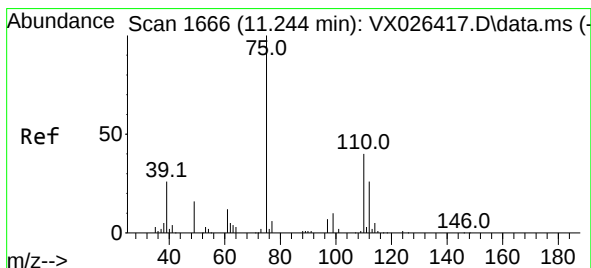
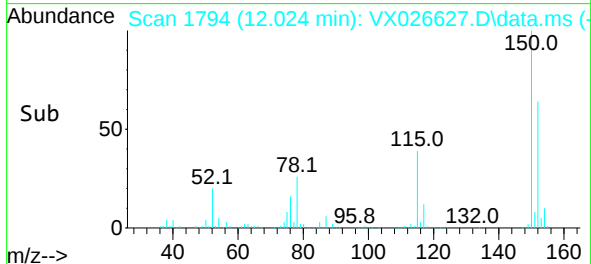
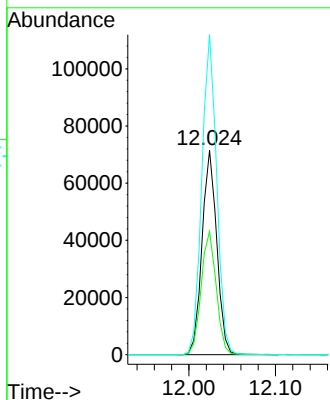
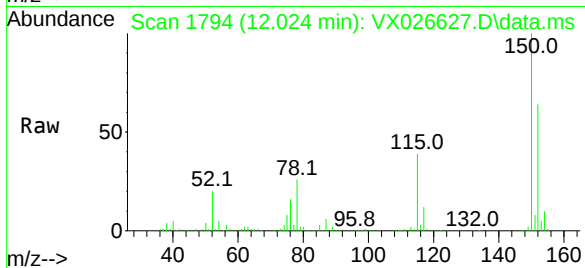




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026627.D
 Acq: 27 Jan 2022 16:17

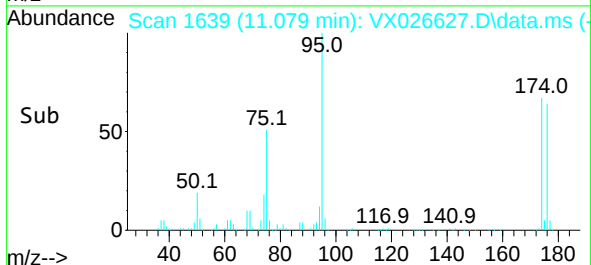
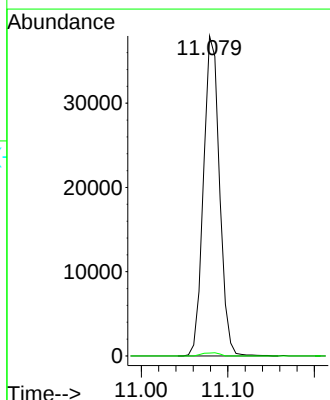
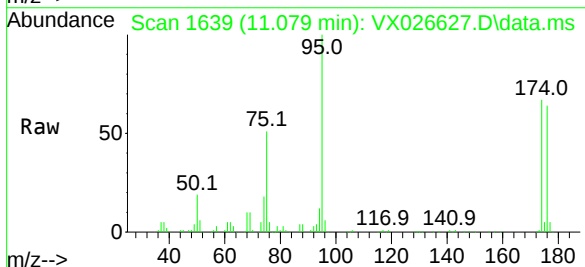
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9R

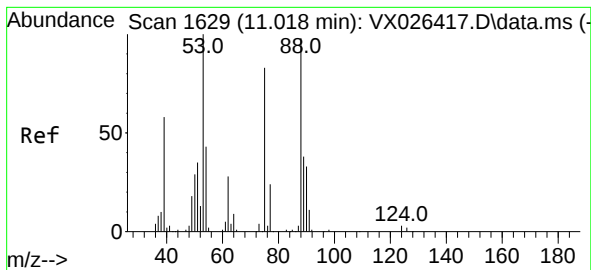
Tgt Ion:152 Resp: 84470
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.2 132.6
 150 157.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 26.259 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026627.D
 Acq: 27 Jan 2022 16:17

Tgt Ion: 75 Resp: 48837
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.566 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026627.D
 Acq: 27 Jan 2022 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9R

Tgt Ion: 75 Resp: 48837
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

