

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026634.D
 Acq On : 27 Jan 2022 18:58
 Operator : JC/MD
 Sample : N1297-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Jan 28 04:27:48 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)

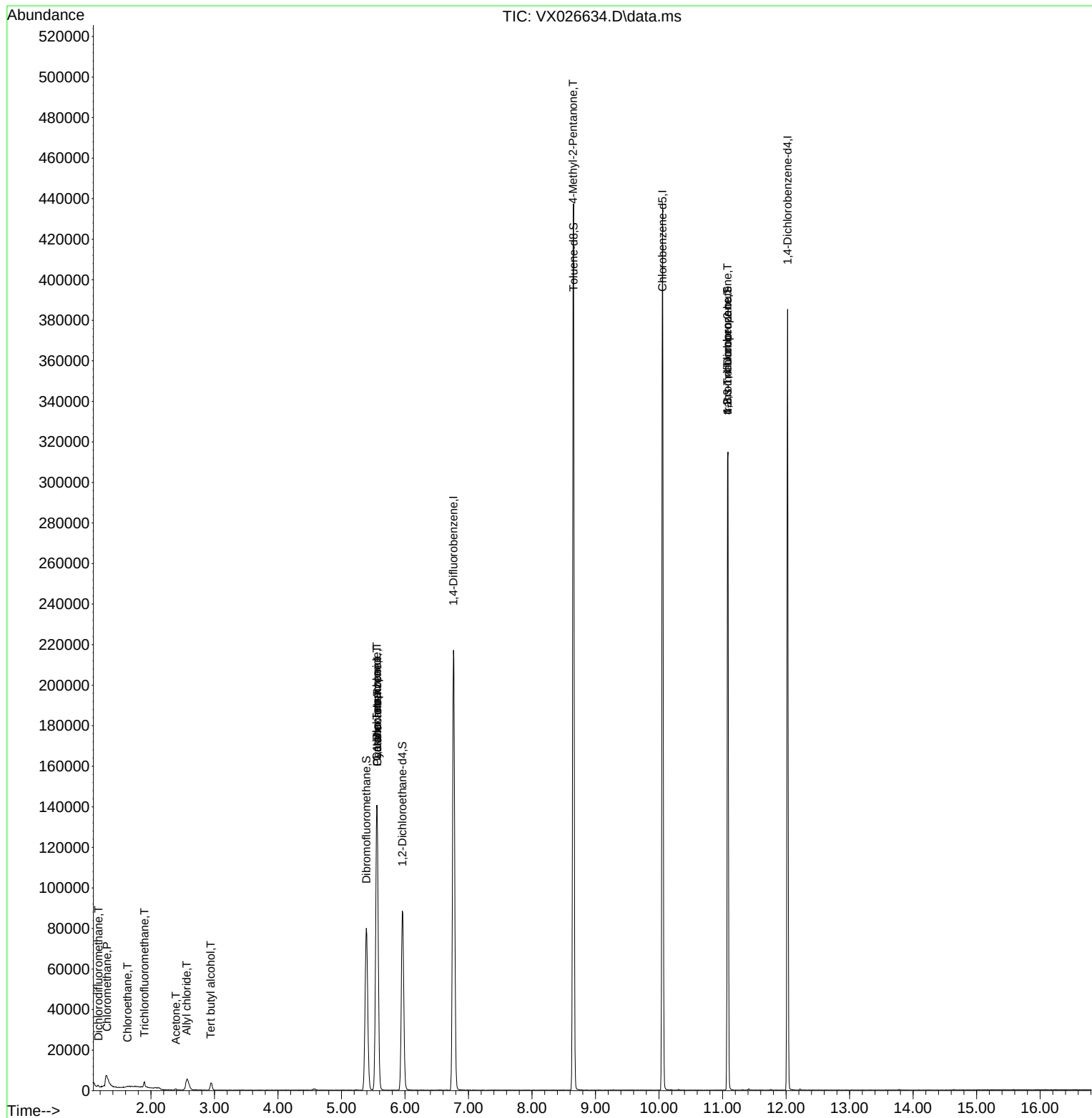
Internal Standards						
1) Pentafluorobenzene	5.562	168	133675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223889	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87888	47.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.140%
35) Dibromofluoromethane	5.391	113	70561	48.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.653	98	260996	50.095	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.180%
62) 4-Bromofluorobenzene	11.079	95	88860	48.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	387	0.245	ug/l	82
3) Chloromethane	1.307	50	365	0.252	ug/l #	42
6) Chloroethane	1.630	64	813	1.058	ug/l #	43
7) Trichlorofluoromethane	1.898	101	1764	0.735	ug/l	95
11) Tert butyl alcohol	2.940	59	2159	8.311	ug/l #	75
14) Allyl chloride	2.562	41	1032	0.402	ug/l #	63
16) Acetone	2.392	43	778	0.817	ug/l	100
31) Cyclohexane	5.562	56	2800	1.017	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10359	4.539	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13584	5.786	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1158	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45100	26.920	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45100	81.443	ug/l #	3

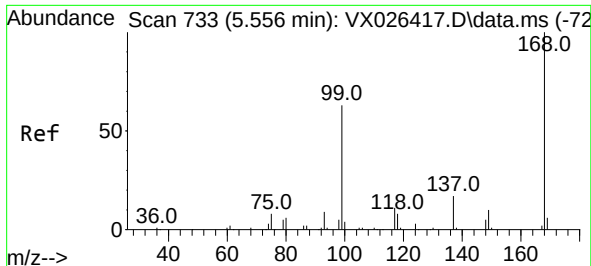
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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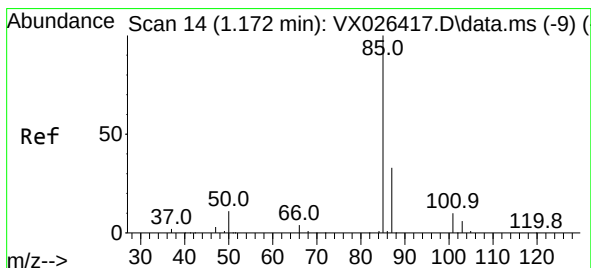
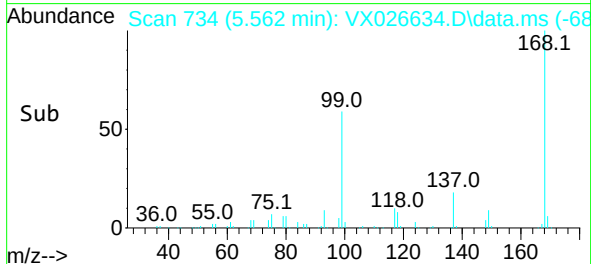
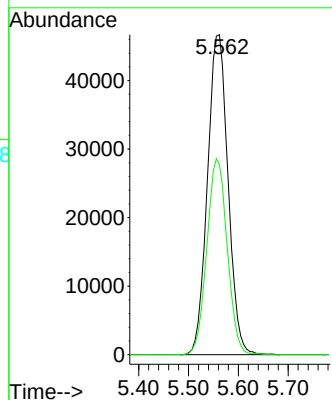
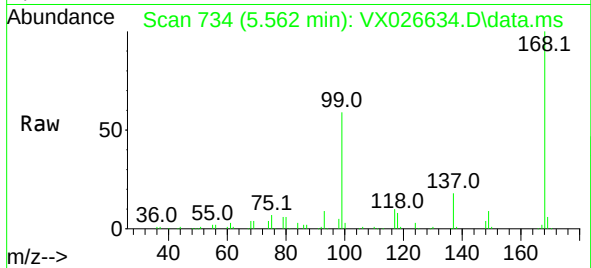




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

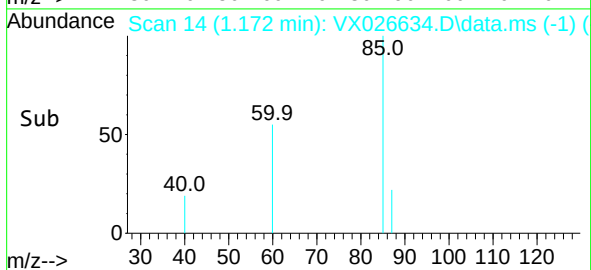
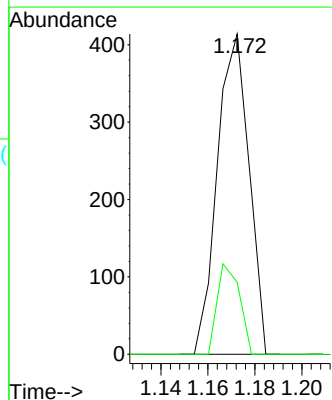
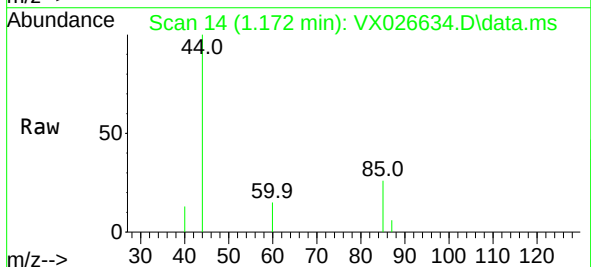
Instrument :
MSVOA_X
ClientSampleId :
MW-12

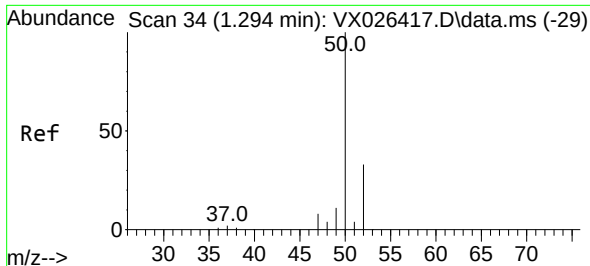
Tgt Ion:168 Resp: 133675
Ion Ratio Lower Upper
168 100
99 59.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: 0.245 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

Tgt Ion: 85 Resp: 387
Ion Ratio Lower Upper
85 100
87 22.5 16.4 49.1

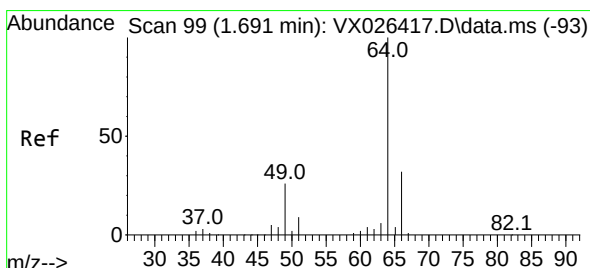
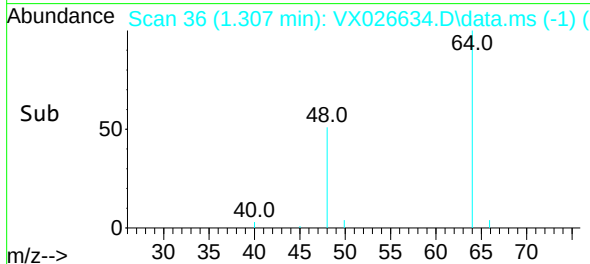
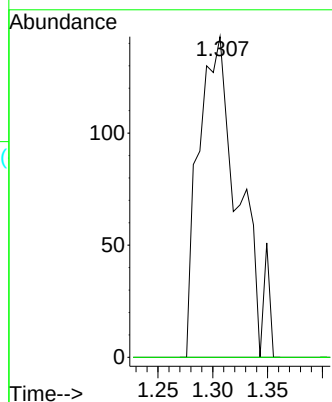
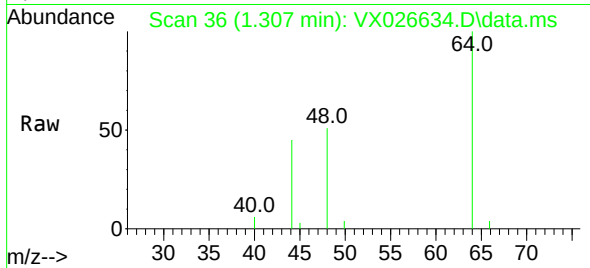




#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

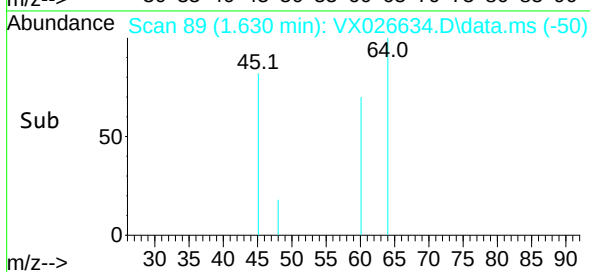
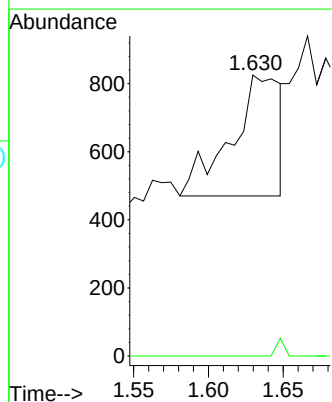
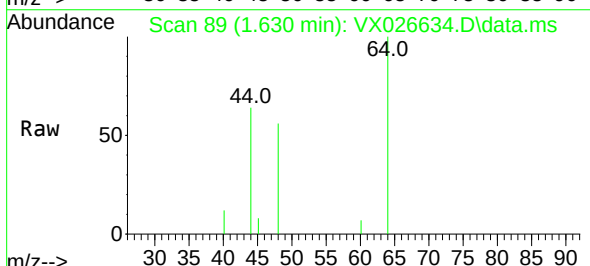
Instrument :
MSVOA_X
ClientSampleId :
MW-12

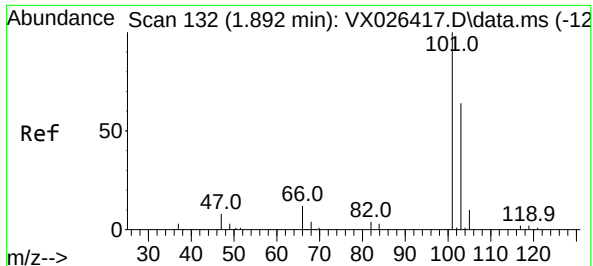
Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#



#6
Chloroethane
Concen: 1.058 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.061 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

Tgt Ion: 64 Resp: 813
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

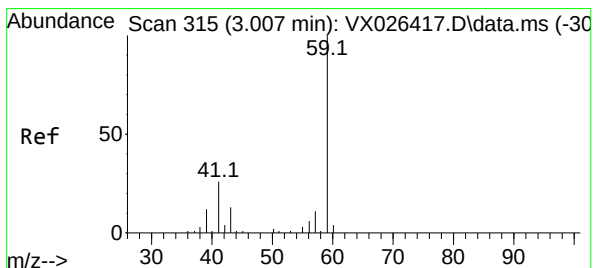
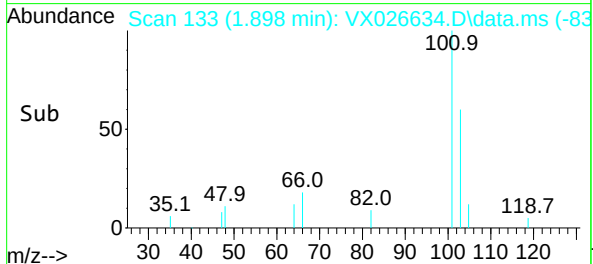
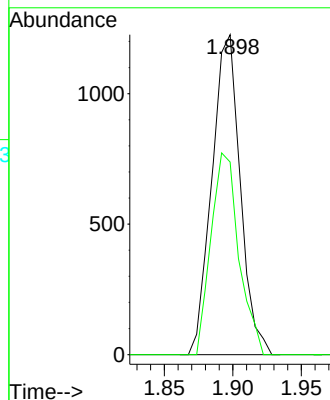
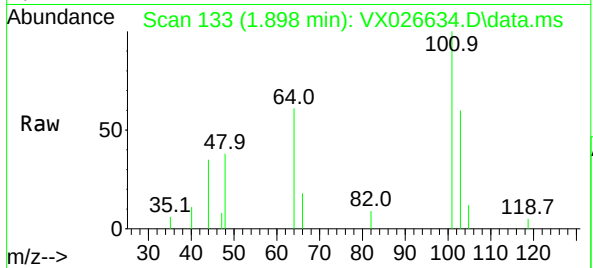




#7
Trichlorofluoromethane
Concen: 0.735 ug/l
RT: 1.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

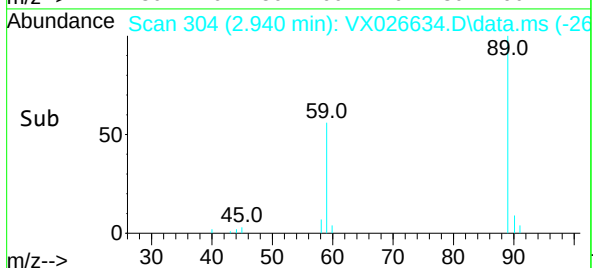
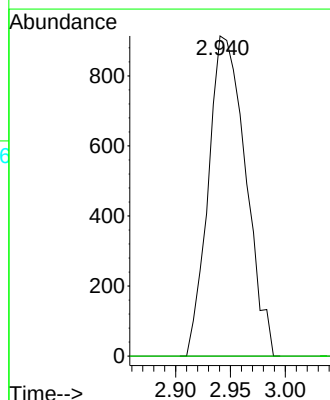
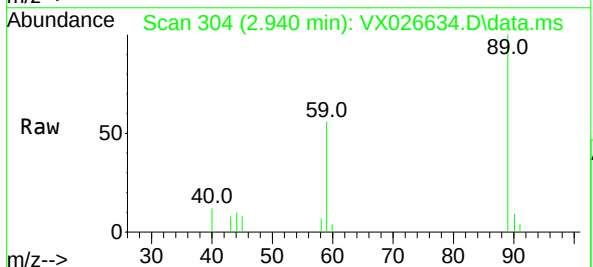
Instrument :
MSVOA_X
ClientSampleId :
MW-12

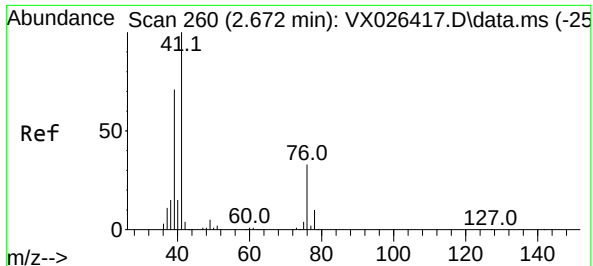
Tgt Ion:101 Resp: 1764
Ion Ratio Lower Upper
101 100
103 60.2 51.3 76.9



#11
Tert butyl alcohol
Concen: 8.311 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

Tgt Ion: 59 Resp: 2159
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

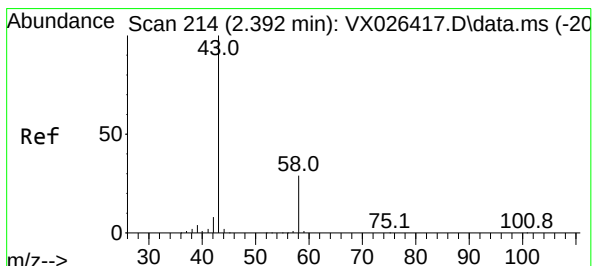
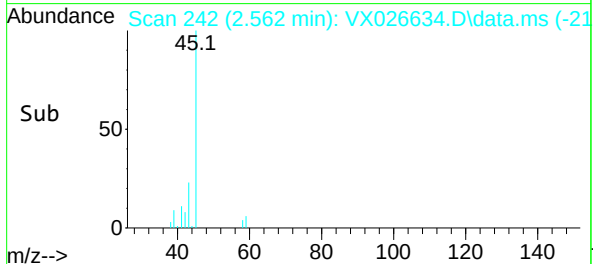
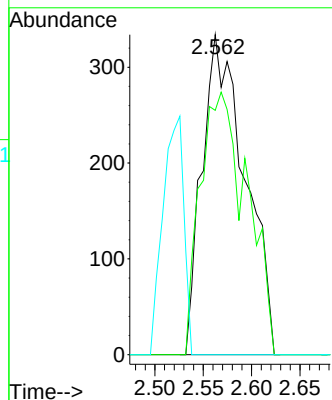
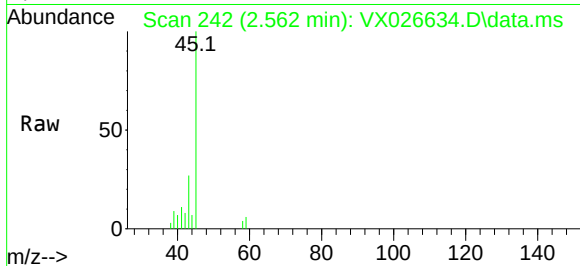




#14
 Allyl chloride
 Concen: 0.402 ug/l
 RT: 2.562 min Scan# 24
 Delta R.T. -0.110 min
 Lab File: VX026634.D
 Acq: 27 Jan 2022 18:58

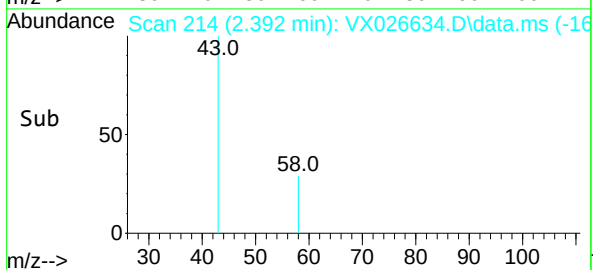
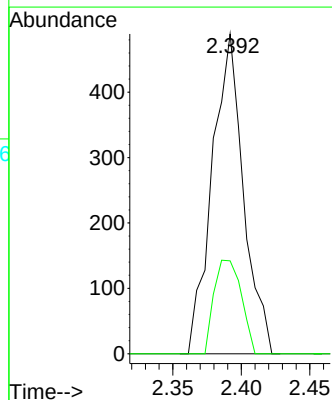
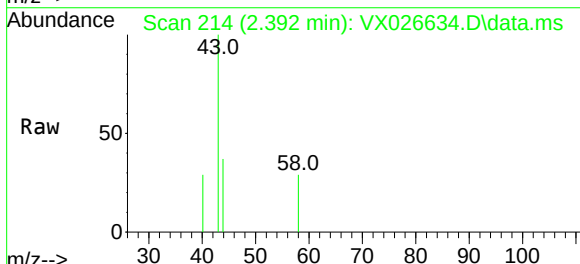
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

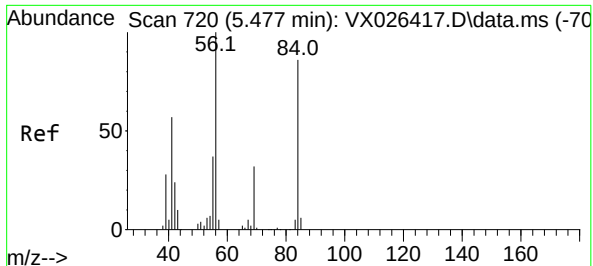
Tgt Ion: 41 Resp: 1032
 Ion Ratio Lower Upper
 41 100
 39 89.7 54.2 81.4#
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 0.817 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX026634.D
 Acq: 27 Jan 2022 18:58

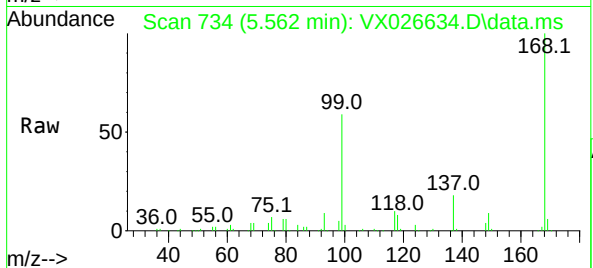
Tgt Ion: 43 Resp: 778
 Ion Ratio Lower Upper
 43 100
 58 29.0 23.0 34.6



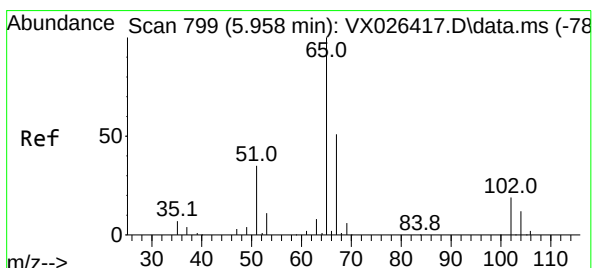
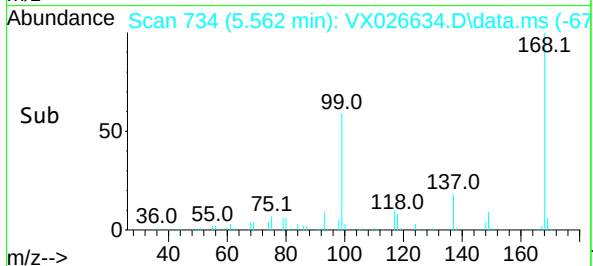
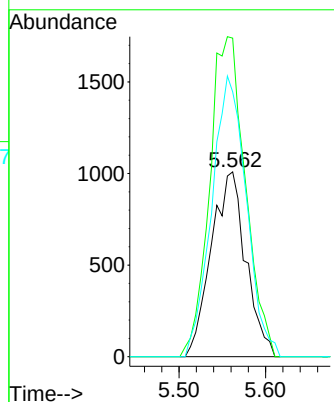


#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :
MW-12

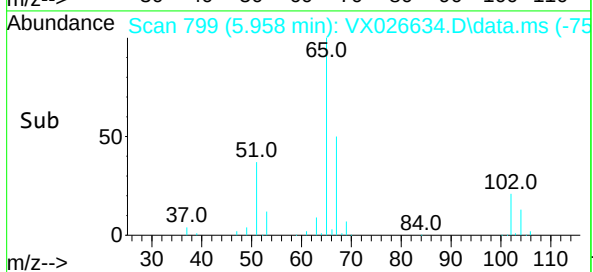
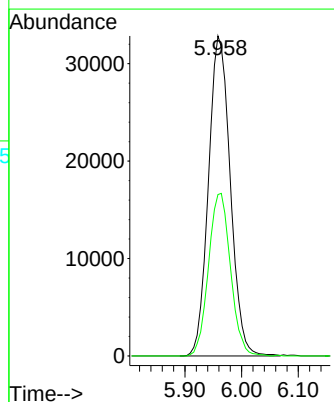
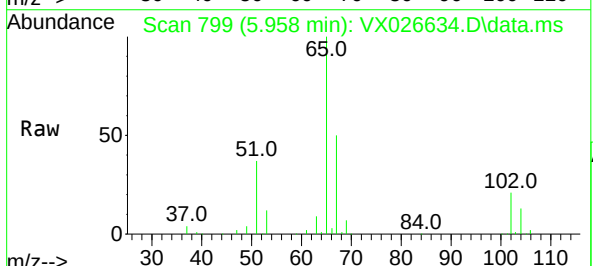


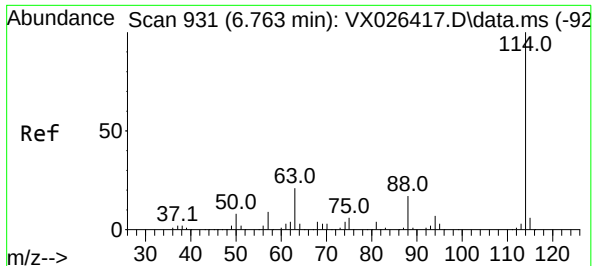
Tgt Ion: 56 Resp: 2800
Ion Ratio Lower Upper
56 100
69 172.3 25.8 38.6#
84 143.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.066 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

Tgt Ion: 65 Resp: 87888
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8

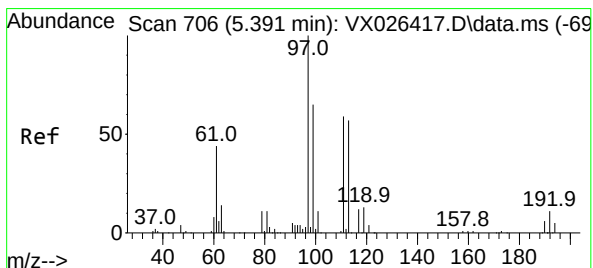
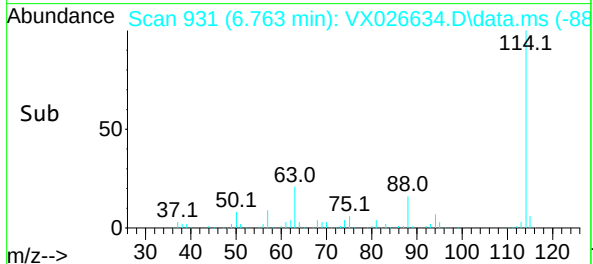
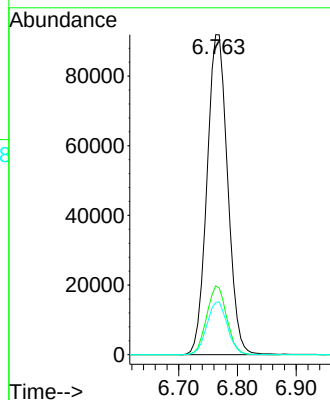
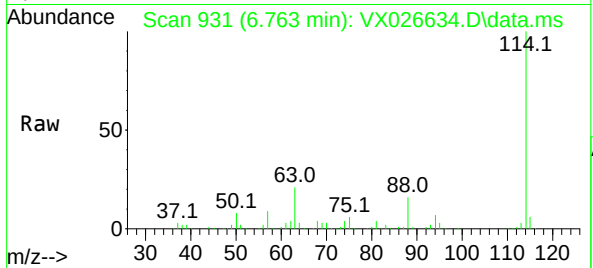




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

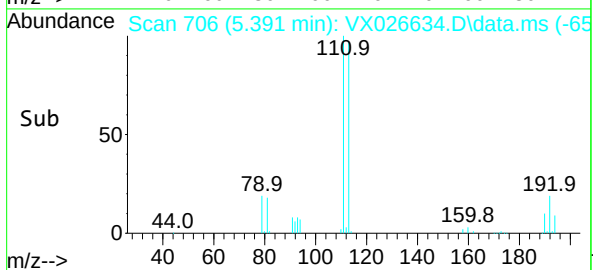
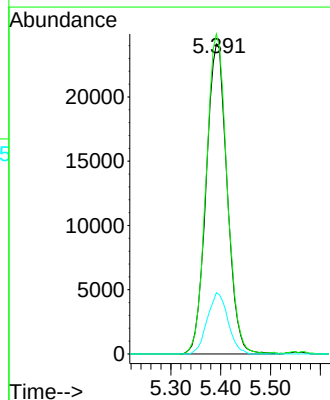
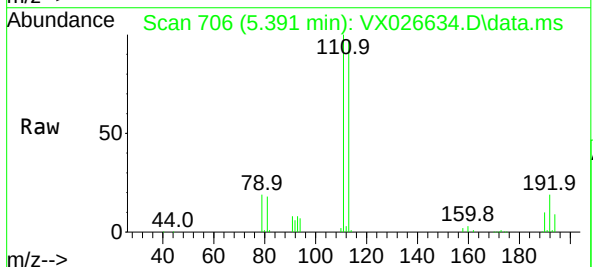
Instrument :
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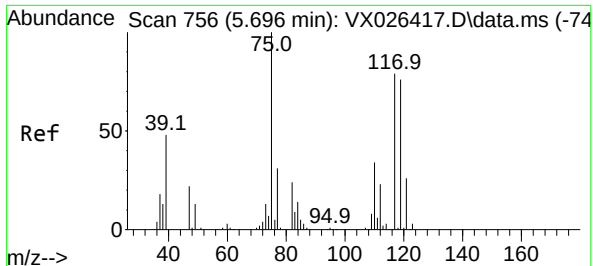
Tgt Ion:114 Resp: 223889
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

Tgt Ion:113 Resp: 70561
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.4 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.539 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026634.D

Acq: 27 Jan 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

MW-12

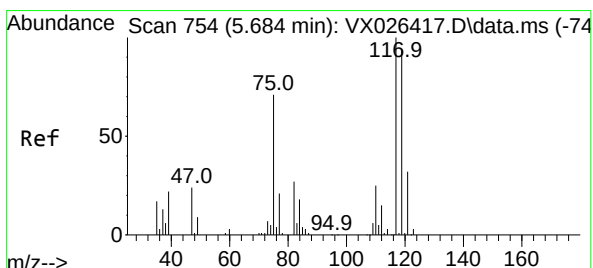
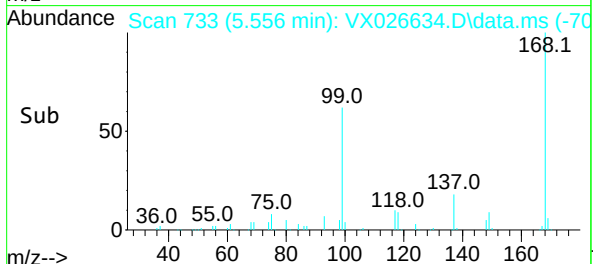
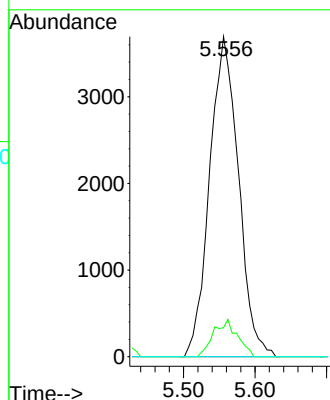
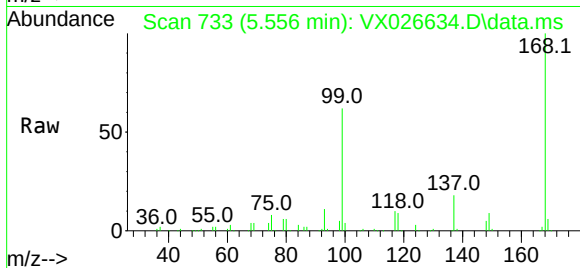
Tgt Ion: 75 Resp: 10359

Ion Ratio Lower Upper

75 100

110 9.6 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.786 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026634.D

Acq: 27 Jan 2022 18:58

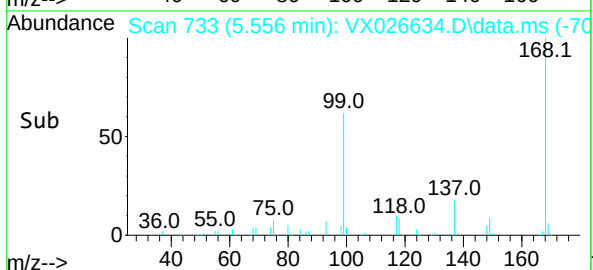
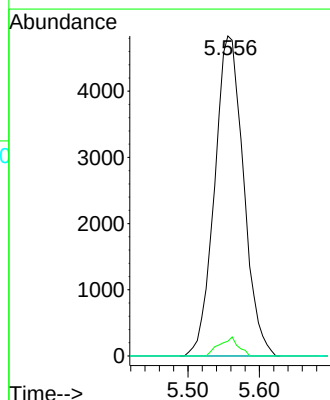
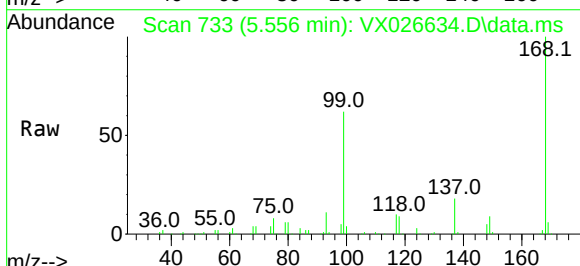
Tgt Ion: 117 Resp: 13584

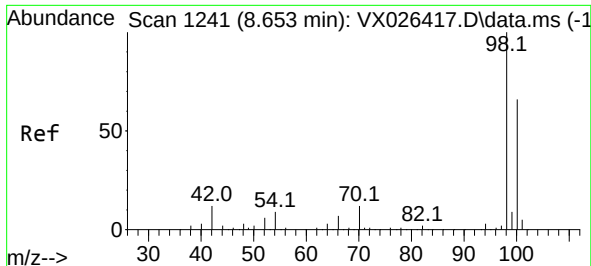
Ion Ratio Lower Upper

117 100

119 4.6 74.7 112.1#

121 0.0 25.4 38.0#

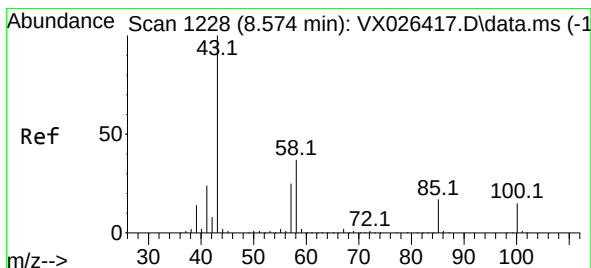
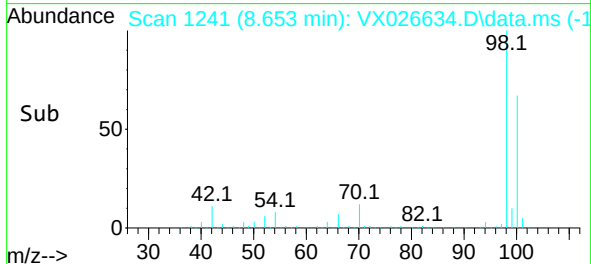
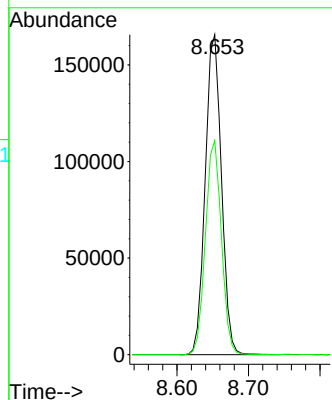
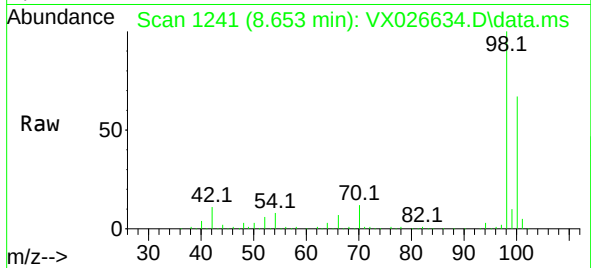




#50
Toluene-d8
Concen: 50.095 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

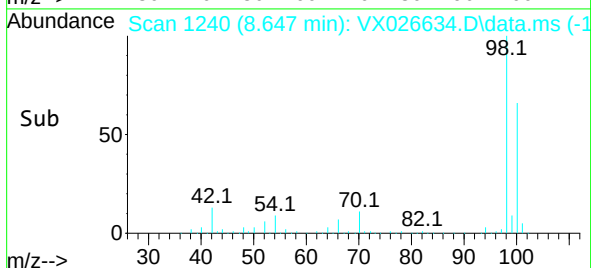
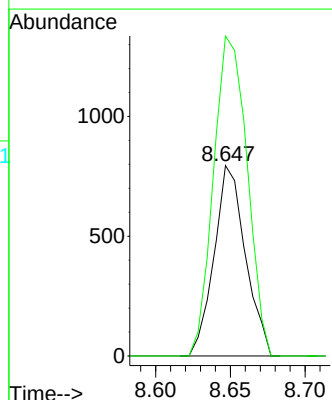
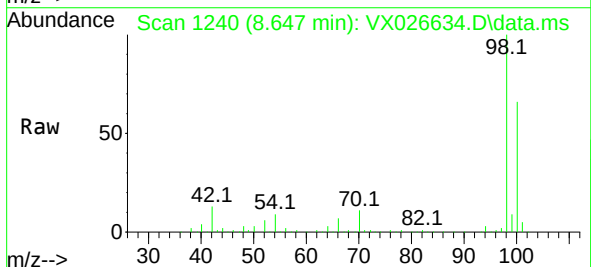
Instrument :
MSVOA_X
ClientSampleId :
MW-12

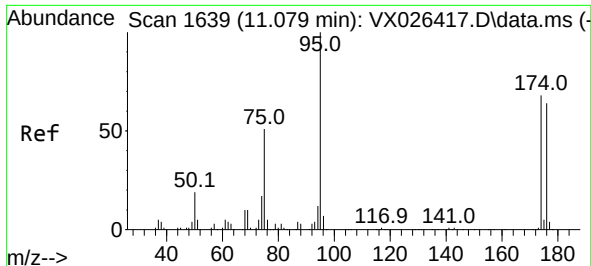
Tgt Ion: 98 Resp: 260996
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 180.3 30.5 45.7#

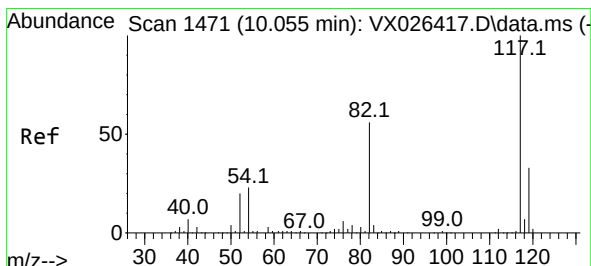
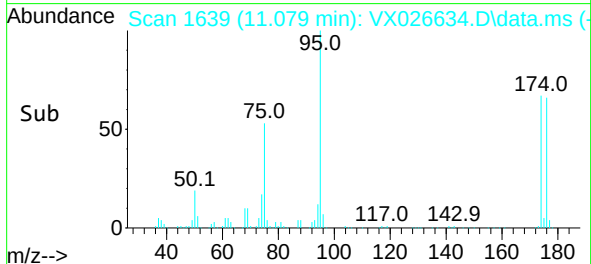
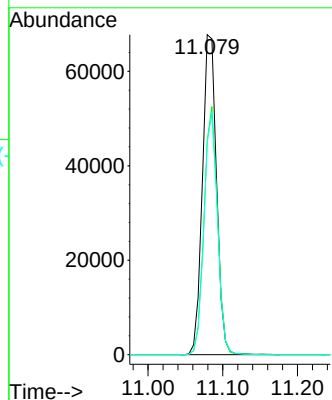
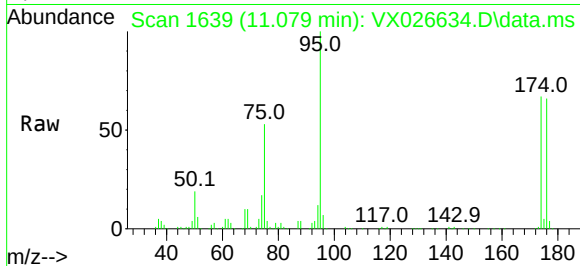




#62
4-Bromofluorobenzene
Concen: 48.011 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

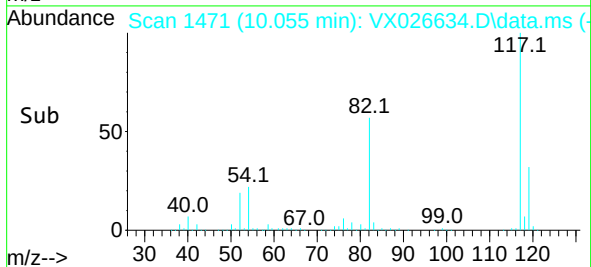
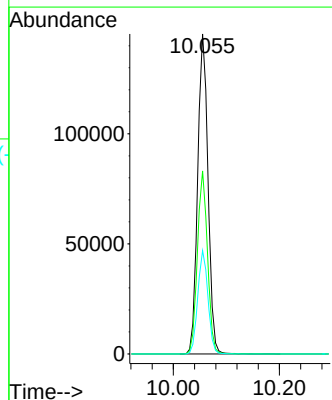
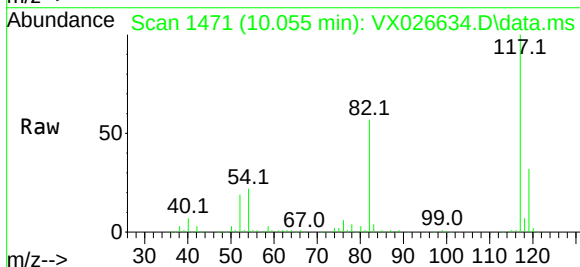
Instrument :
MSVOA_X
ClientSampleId :
MW-12

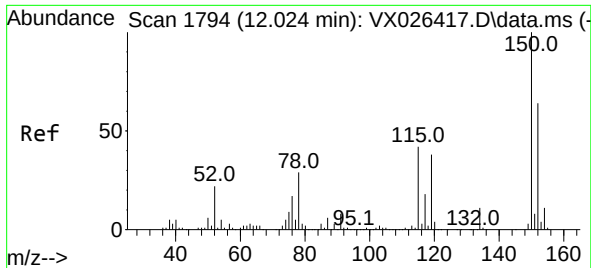
Tgt Ion: 95 Resp: 88860
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.6
176 72.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026634.D
Acq: 27 Jan 2022 18:58

Tgt Ion: 117 Resp: 195742
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.3 26.2 39.2

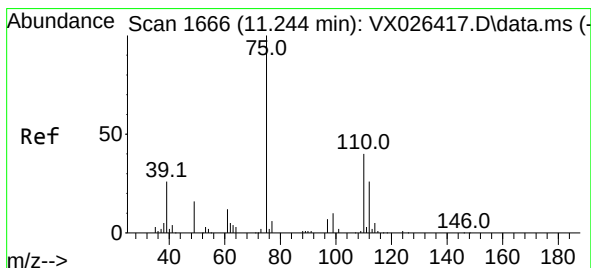
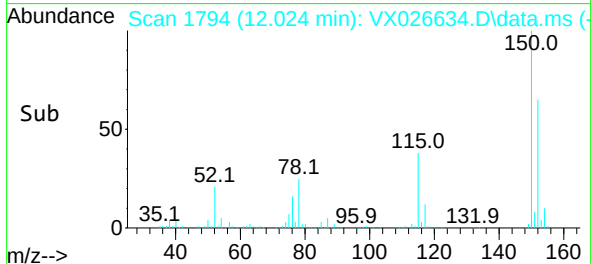
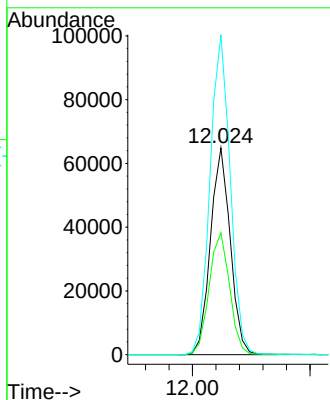
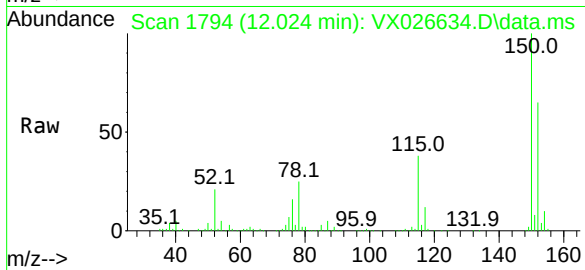




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026634.D
 Acq: 27 Jan 2022 18:58

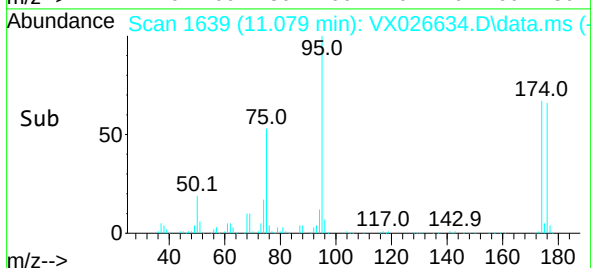
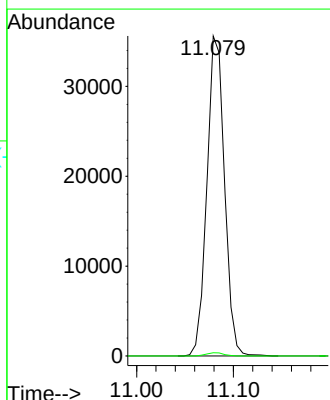
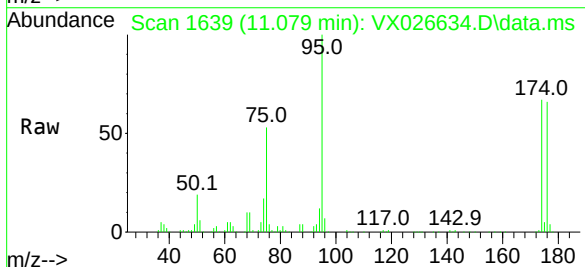
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

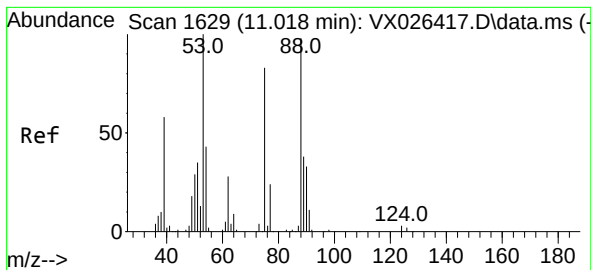
Tgt Ion:152 Resp: 76091
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.2 132.6
 150 157.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 26.920 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026634.D
 Acq: 27 Jan 2022 18:58

Tgt Ion: 75 Resp: 45100
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.443 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026634.D
 Acq: 27 Jan 2022 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Tgt Ion: 75 Resp: 45100
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

