

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026633.D
 Acq On : 27 Jan 2022 18:35
 Operator : JC/MD
 Sample : N1296-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jan 28 04:27:39 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)

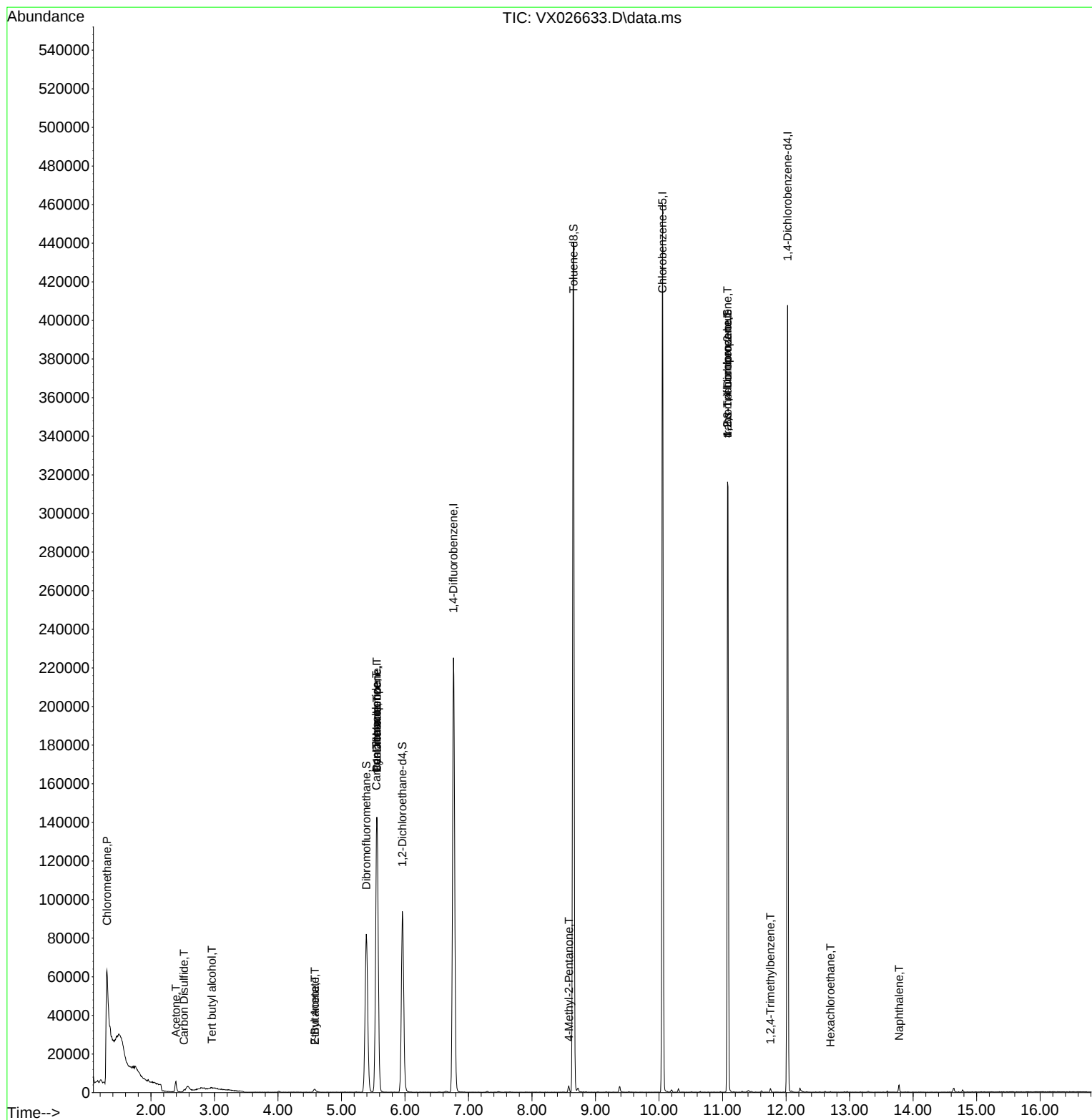
Internal Standards						
1) Pentafluorobenzene	5.556	168	135911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229444	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89621	47.204	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.391	113	72548	48.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	8.653	98	264651	49.566	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	91252	48.110	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	2806	1.907	ug/l #	42
11) Tert butyl alcohol	2.959	59	144	0.545	ug/l #	75
16) Acetone	2.392	43	6290	6.497	ug/l	96
17) Carbon Disulfide	2.520	76	1752	0.423	ug/l #	93
25) 2-Butanone	4.580	43	3049	2.422	ug/l	93
31) Cyclohexane	5.556	56	2814	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10808	4.621	ug/l #	51
37) Ethyl Acetate	4.580	43	3049	1.289	ug/l #	69
38) Carbon Tetrachloride	5.550	117	13883	5.770	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	2115	0.933	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	45409	25.892	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	45409	78.523	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1106	0.205	ug/l	93
90) Hexachloroethane	12.701	117	202	2.390	ug/l #	14
95) Naphthalene	13.780	128	2723	0.481	ug/l	98

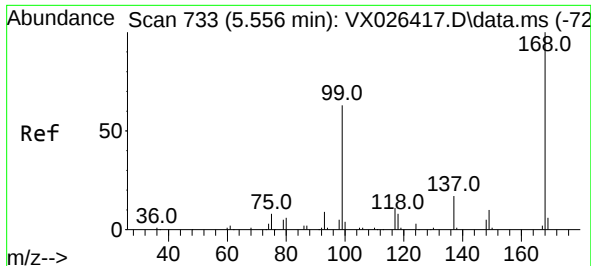
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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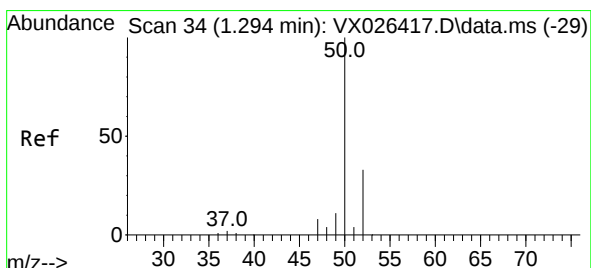
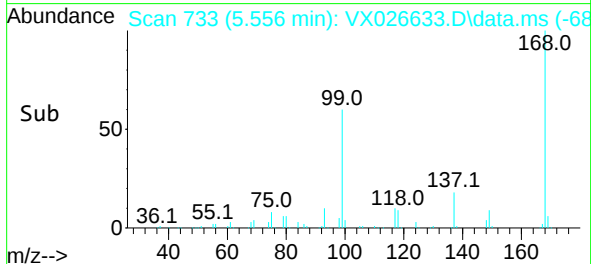
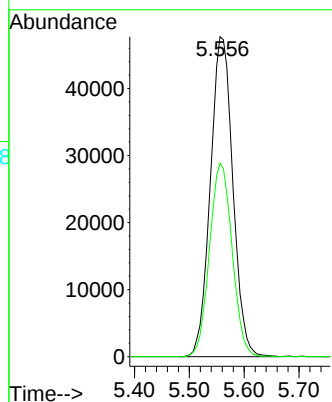
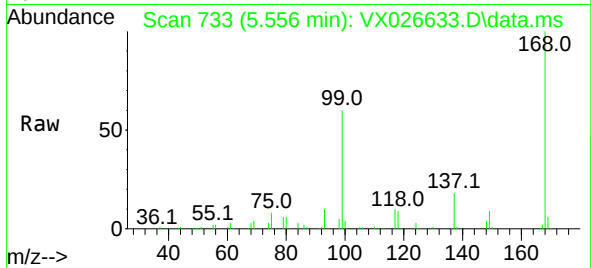




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

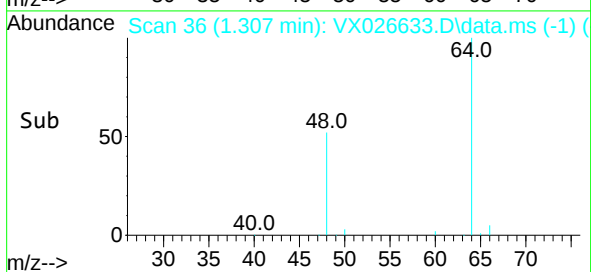
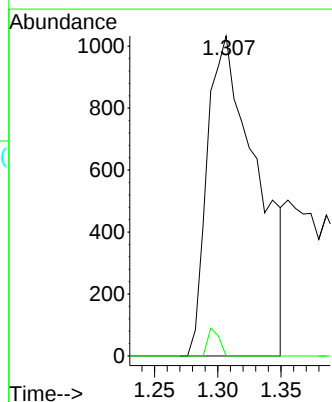
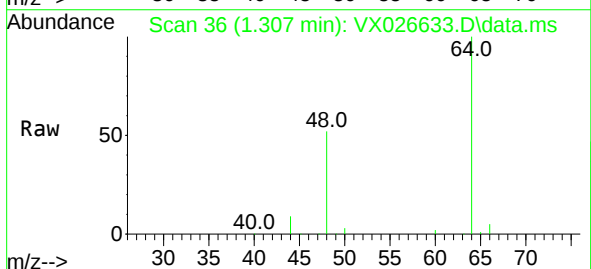
Instrument :
MSVOA_X
ClientSampleId :
MW-1

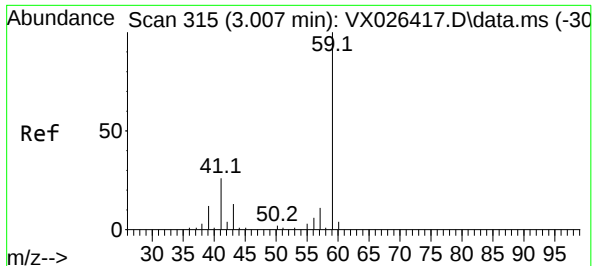
Tgt Ion:168 Resp: 135911
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#3
Chloromethane
Concen: 1.907 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Tgt Ion: 50 Resp: 2806
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

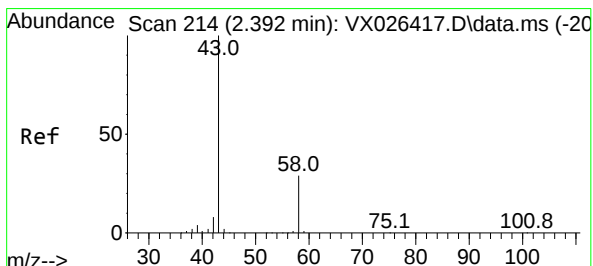
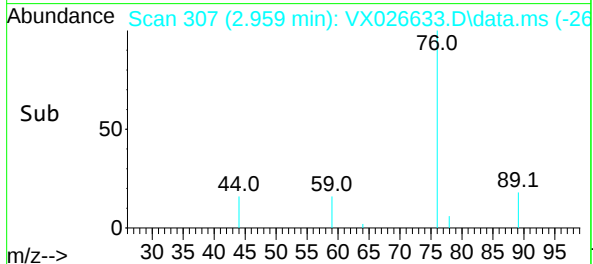
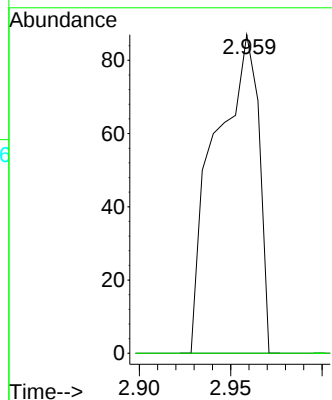
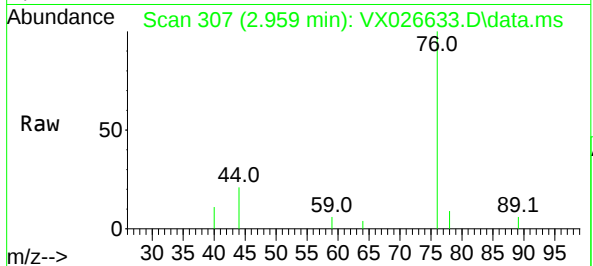




#11
Tert butyl alcohol
Concen: 0.545 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.048 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

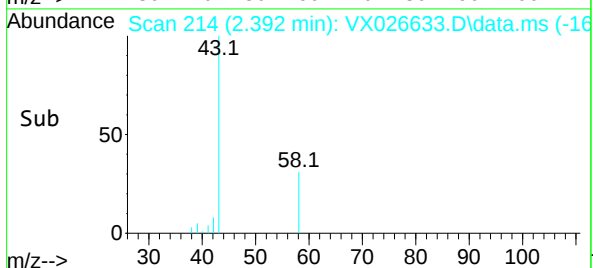
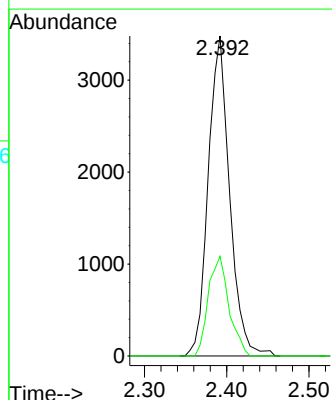
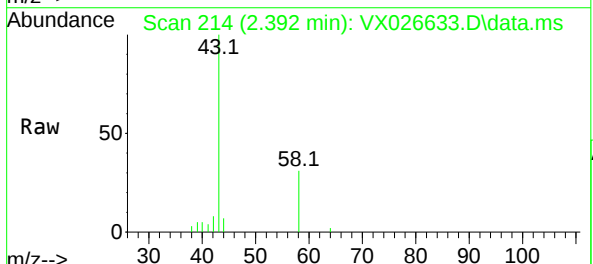
Instrument :
MSVOA_X
ClientSampleId :
MW-1

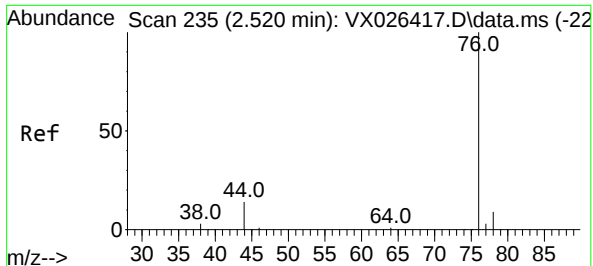
Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 6.497 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
58 31.2 23.0 34.6

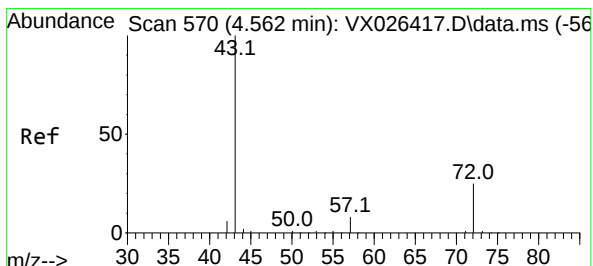
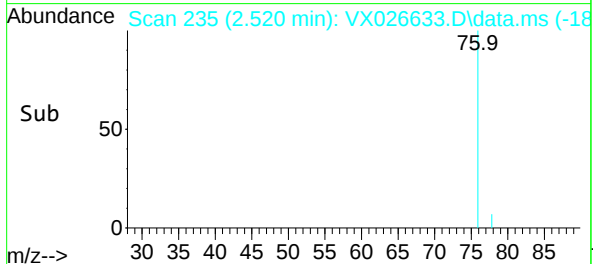
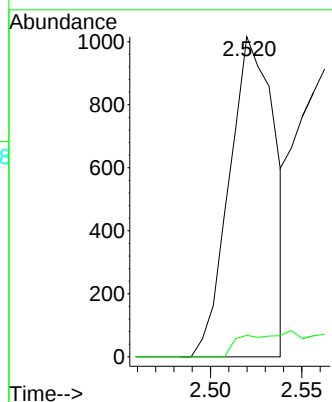
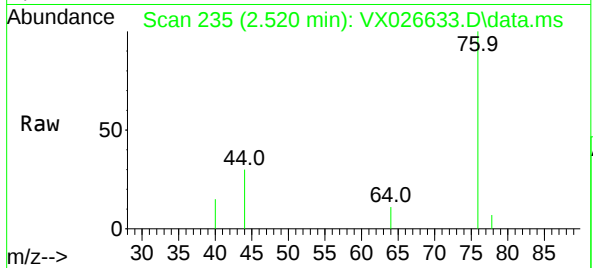




#17
Carbon Disulfide
Concen: 0.423 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

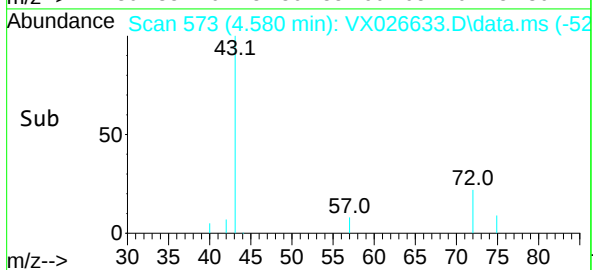
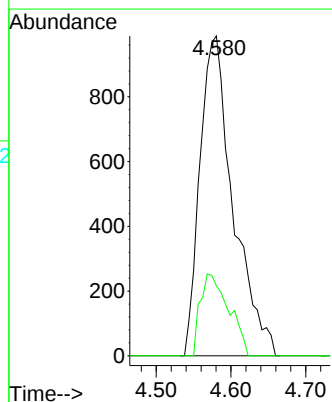
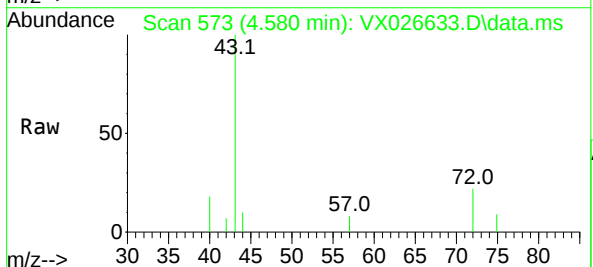
Instrument :
MSVOA_X
ClientSampleId :
MW-1

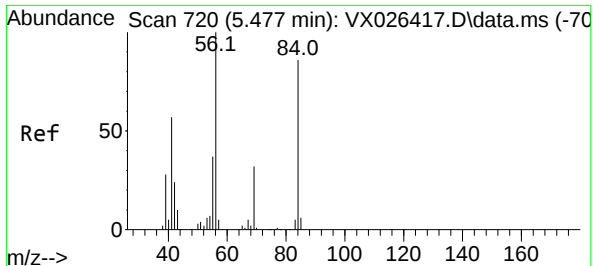
Tgt Ion: 76 Resp: 1752
Ion Ratio Lower Upper
76 100
78 6.7 7.5 11.3#



#25
2-Butanone
Concen: 2.422 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Tgt Ion: 43 Resp: 3049
Ion Ratio Lower Upper
43 100
72 21.9 20.4 30.6

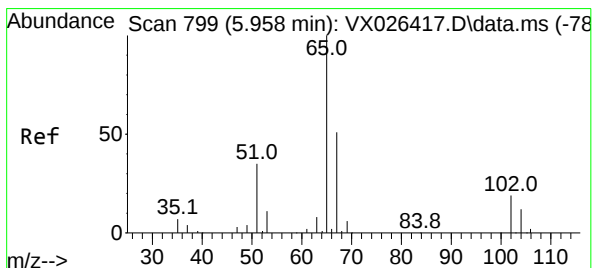
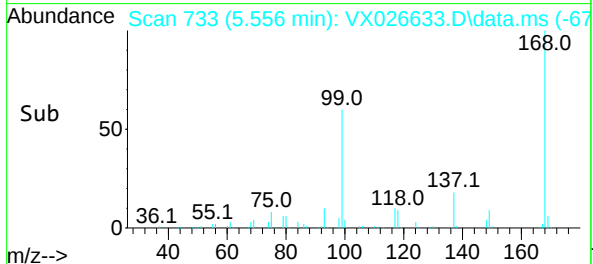
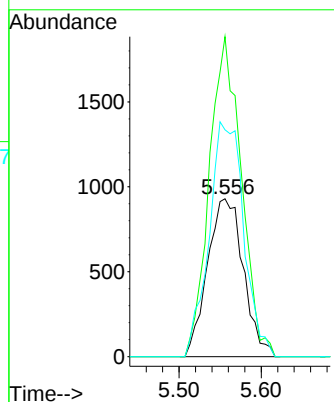
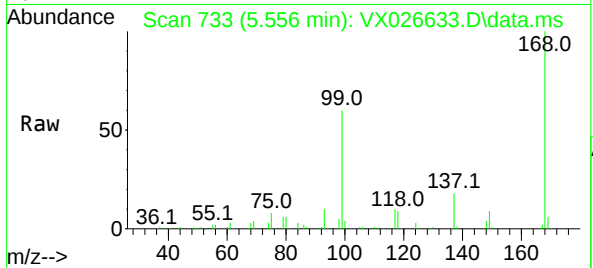




#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

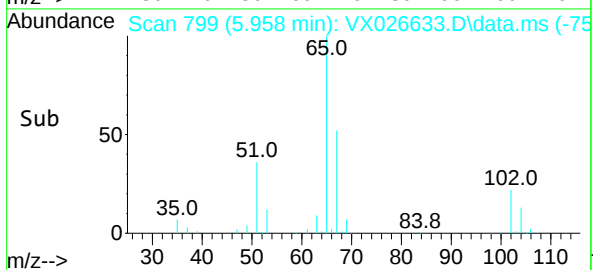
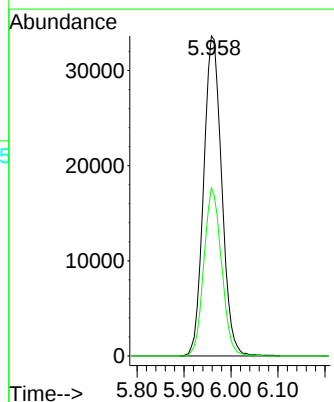
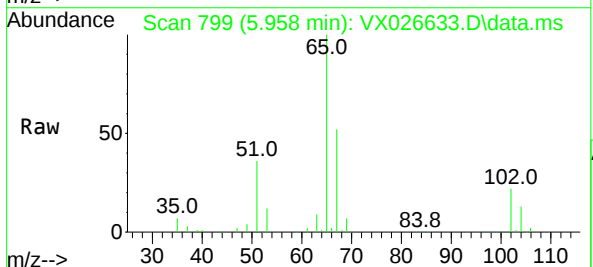
Instrument :
MSVOA_X
ClientSampleId :
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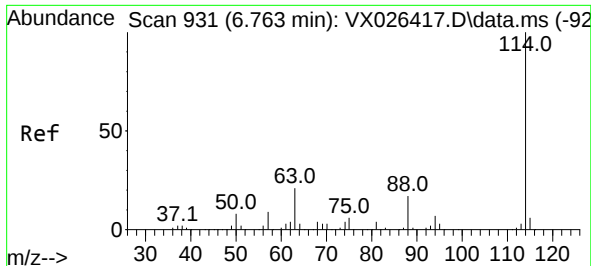
Tgt Ion: 56 Resp: 2814
Ion Ratio Lower Upper
56 100
69 202.6 25.8 38.6#
84 143.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.204 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Tgt Ion: 65 Resp: 89621
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.8

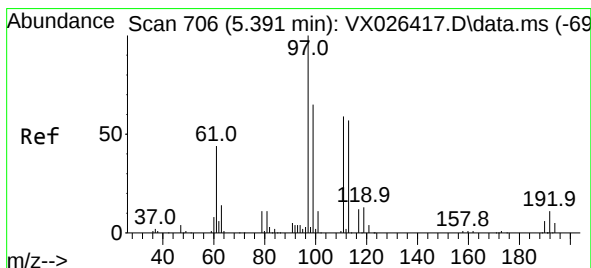
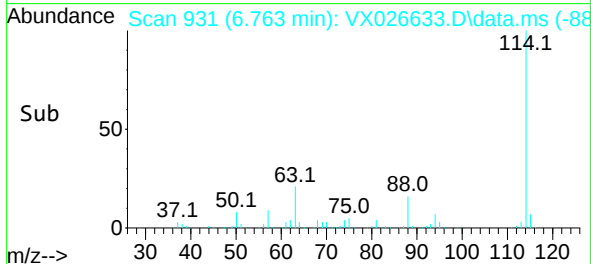
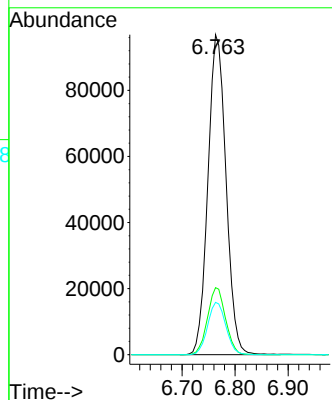
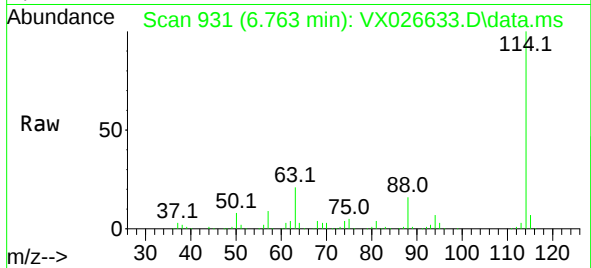




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

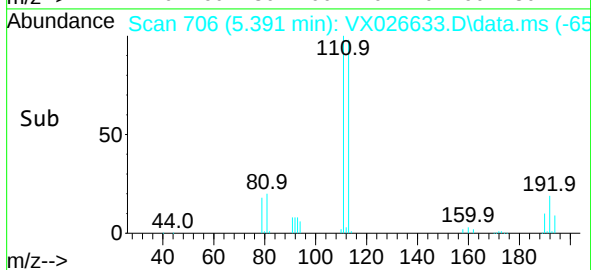
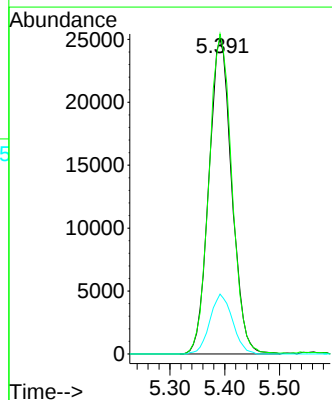
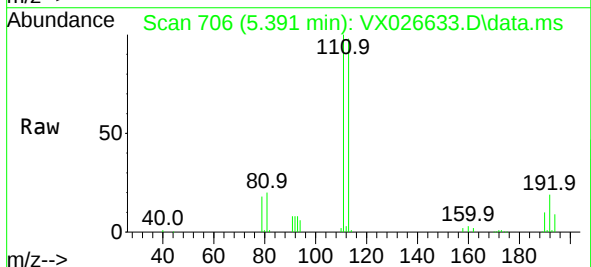
Instrument :
MSVOA_X
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MW-1

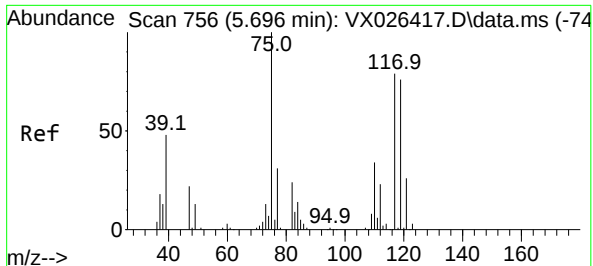
Tgt Ion:114 Resp: 229444
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.963 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Tgt Ion:113 Resp: 72548
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 18.8 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.621 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX026633.D

Acq: 27 Jan 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

MW-1

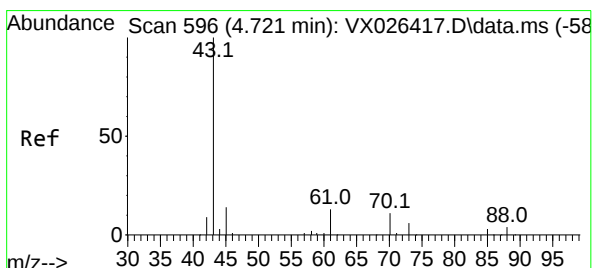
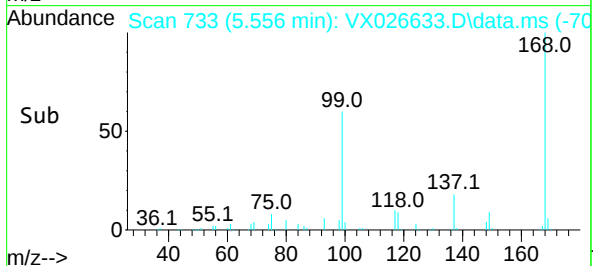
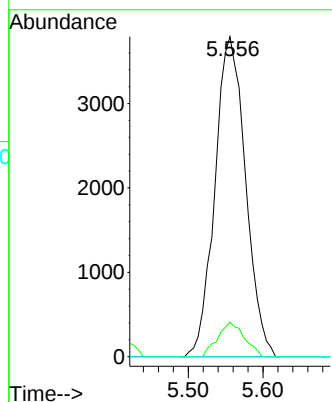
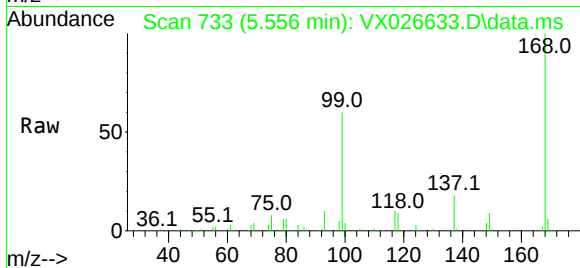
Tgt Ion: 75 Resp: 10808

Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.6#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 1.289 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.140 min

Lab File: VX026633.D

Acq: 27 Jan 2022 18:35

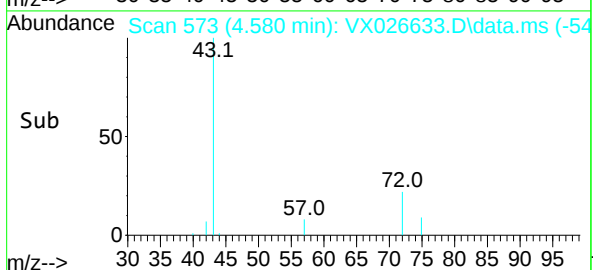
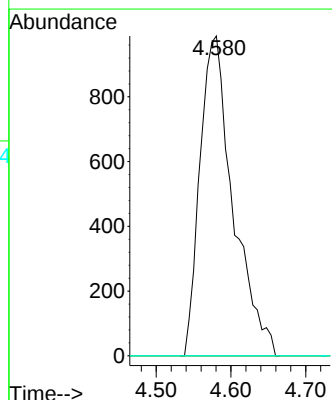
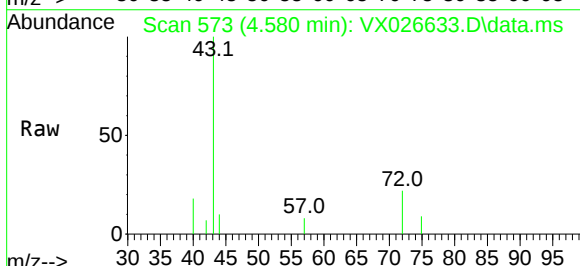
Tgt Ion: 43 Resp: 3049

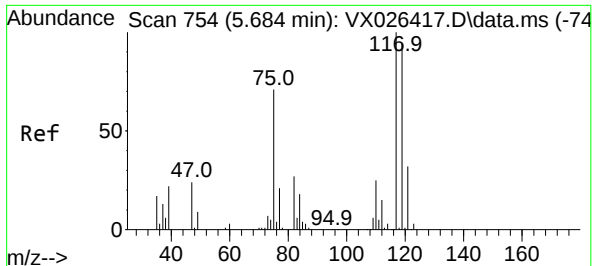
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#

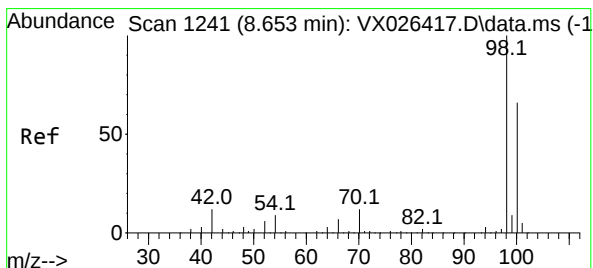
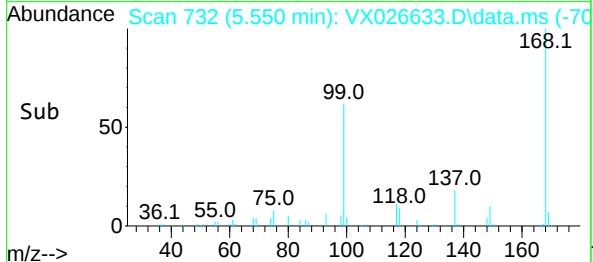
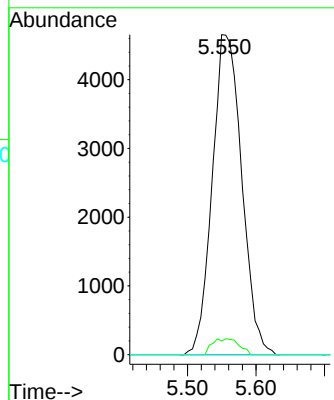
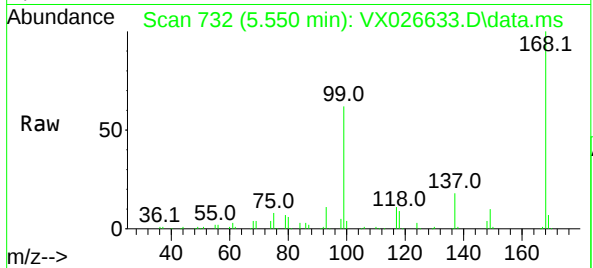




#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

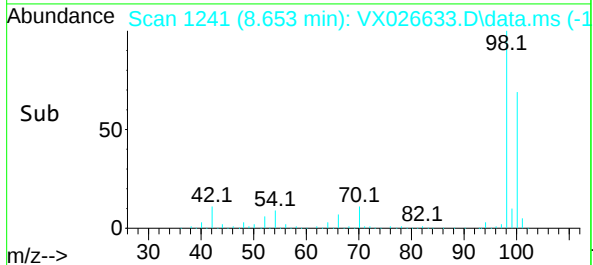
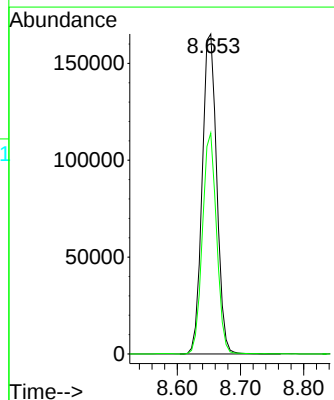
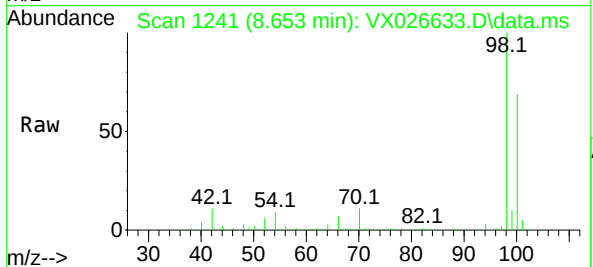
Instrument :
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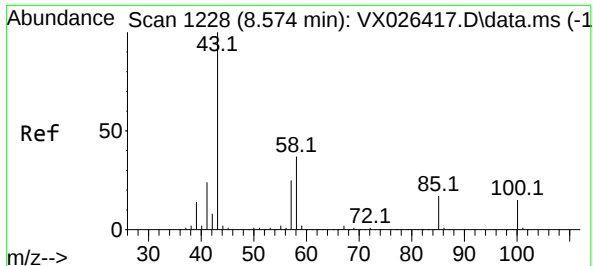
Tgt Ion:117 Resp: 13883
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.566 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Tgt Ion: 98 Resp: 264651
Ion Ratio Lower Upper
98 100
100 67.2 53.2 79.8

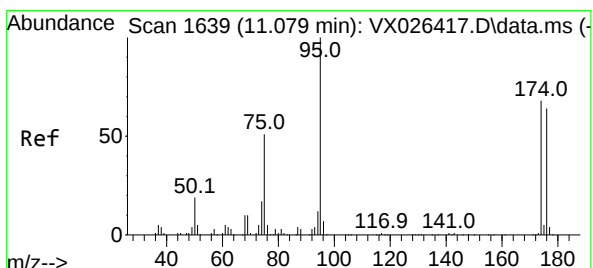
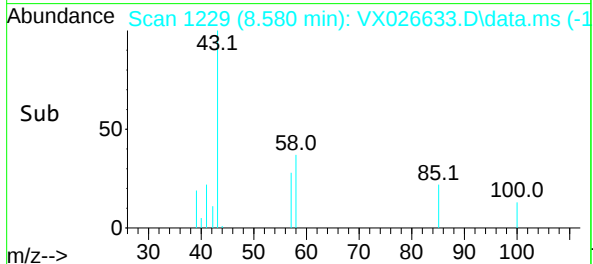
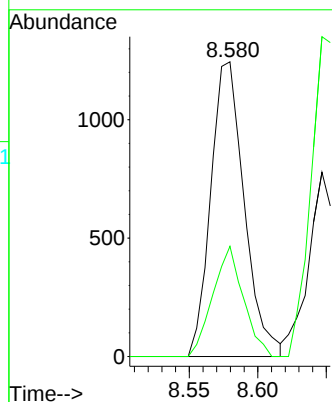
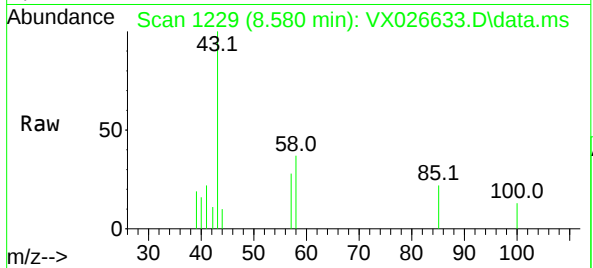




#51
4-Methyl-2-Pentanone
Concen: 0.933 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

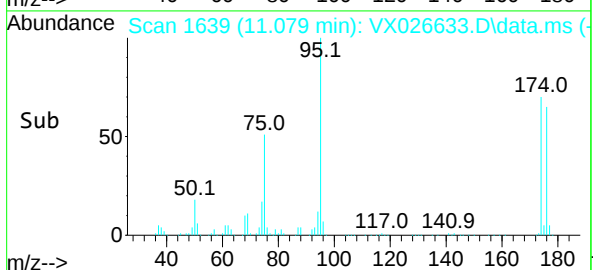
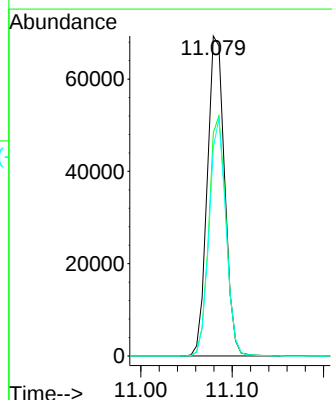
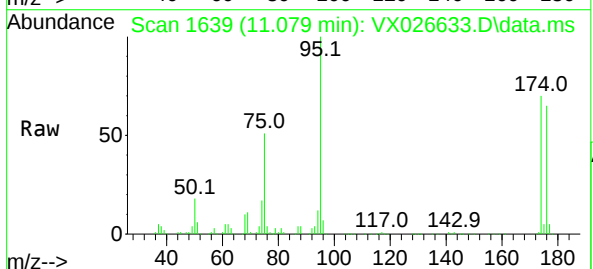
Instrument :
MSVOA_X
ClientSampleId :
MW-1

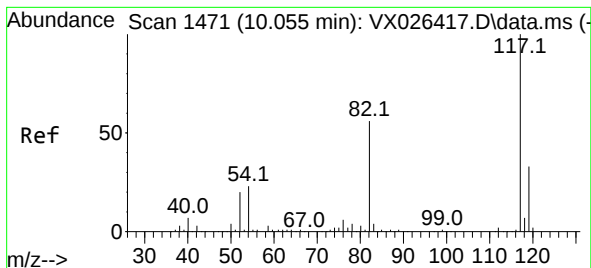
Tgt Ion: 43 Resp: 2115
Ion Ratio Lower Upper
43 100
58 34.1 30.5 45.7



#62
4-Bromofluorobenzene
Concen: 48.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Tgt Ion: 95 Resp: 91252
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.6
176 71.5 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: VX026633.D

Acq: 27 Jan 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

MW-1

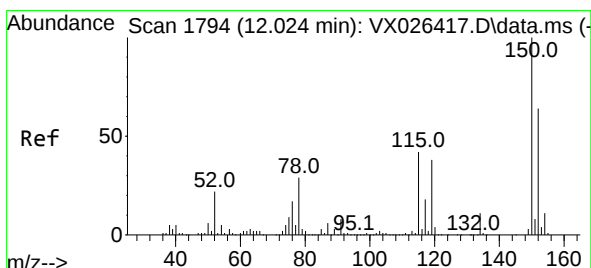
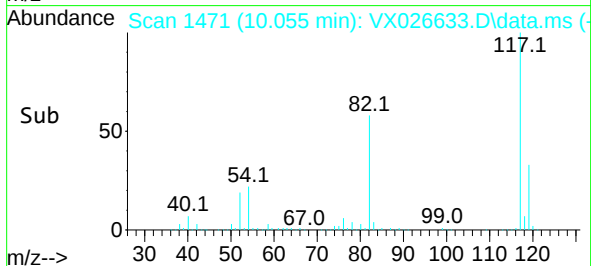
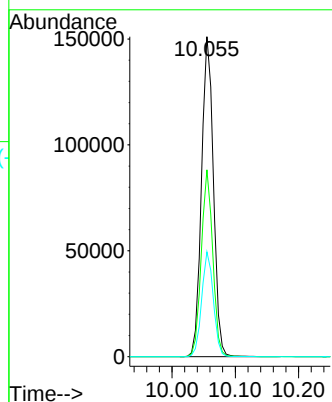
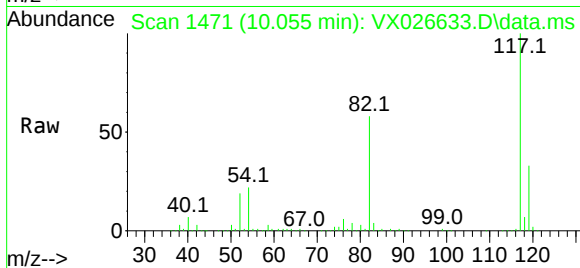
Tgt Ion:117 Resp: 198430

Ion Ratio Lower Upper

117 100

82 58.4 45.2 67.8

119 32.7 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: VX026633.D

Acq: 27 Jan 2022 18:35

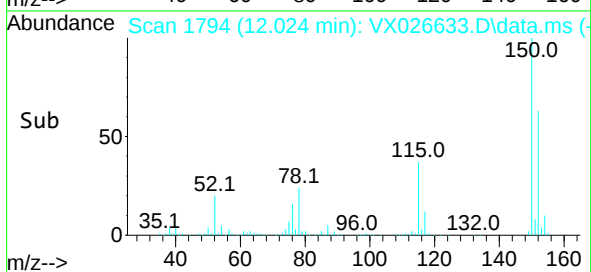
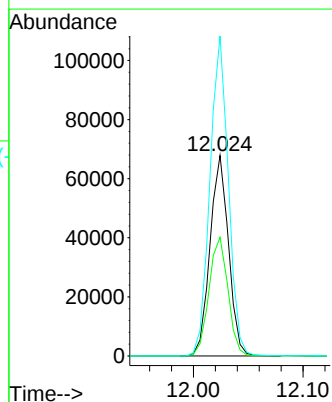
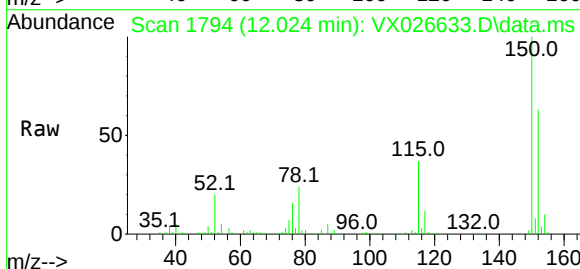
Tgt Ion:152 Resp: 79654

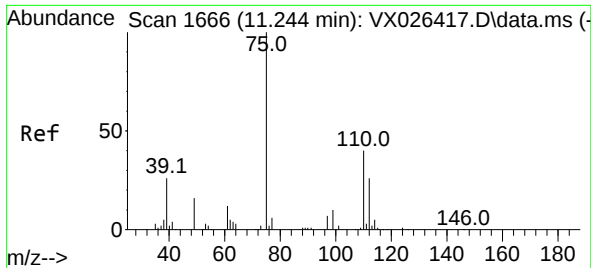
Ion Ratio Lower Upper

152 100

115 60.9 44.2 132.6

150 158.7 0.0 348.2

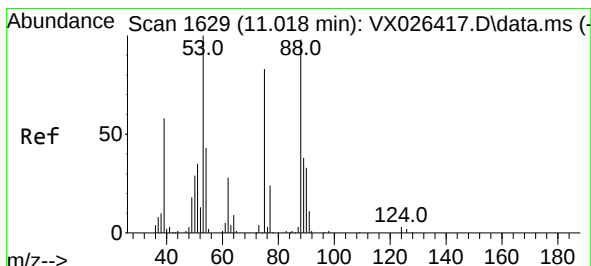
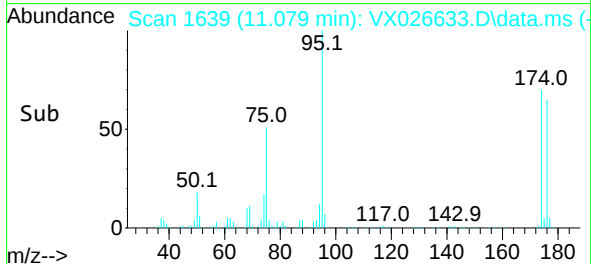
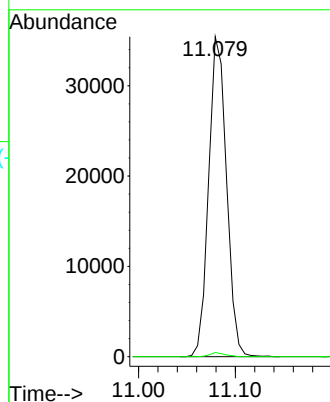
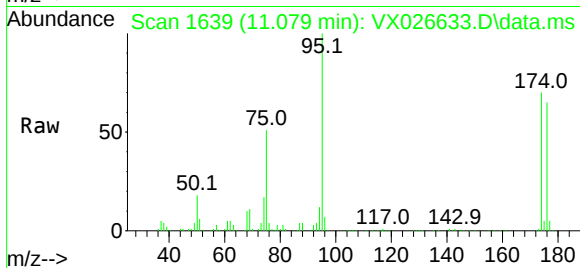




#76
1,2,3-Trichloropropane
Concen: 25.892 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

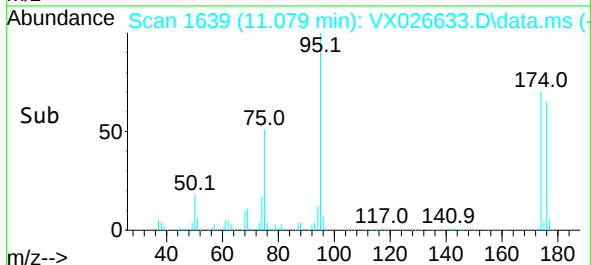
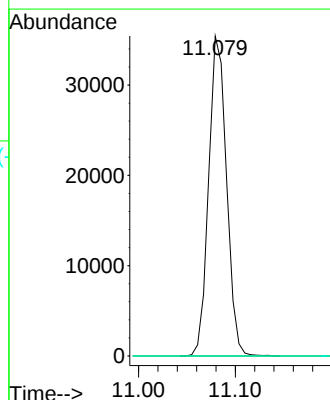
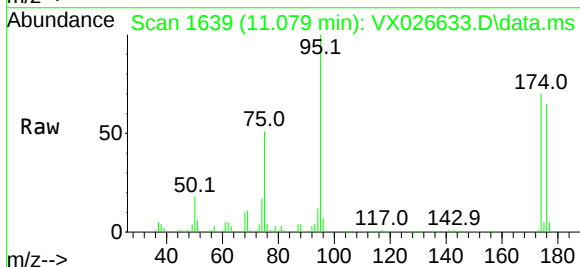
Instrument :
MSVOA_X
ClientSampleId :
MW-1

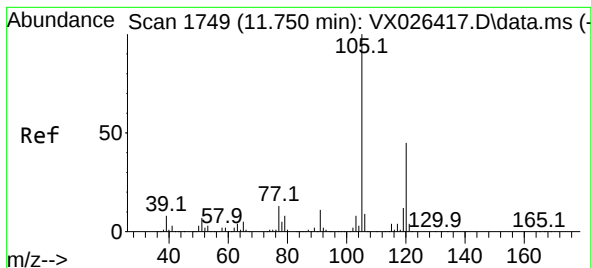
Tgt Ion: 75 Resp: 45409
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Tgt Ion: 75 Resp: 45409
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: 0.205 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX026633.D

Acq: 27 Jan 2022 18:35

Instrument :

MSVOA_X

ClientSampleId :

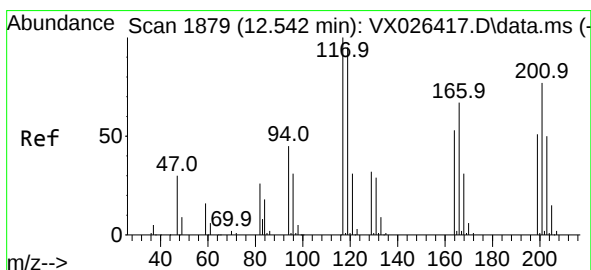
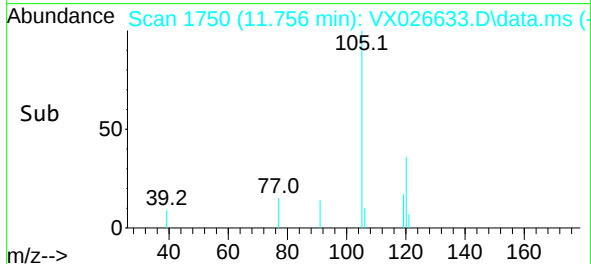
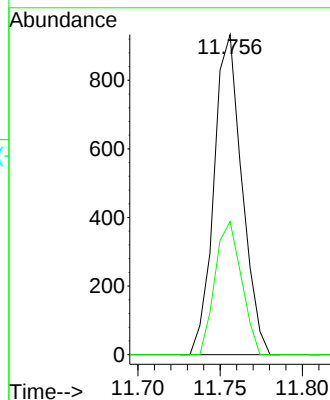
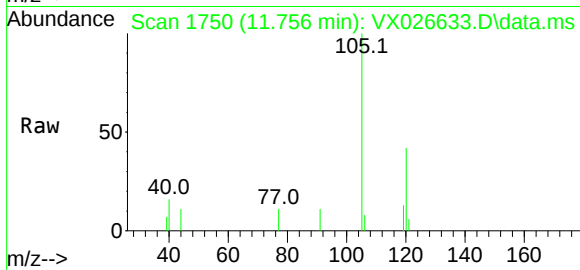
MW-1

Tgt Ion:105 Resp: 1106

Ion Ratio Lower Upper

105 100

120 39.1 21.9 65.5



#90

Hexachloroethane

Concen: 2.390 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.159 min

Lab File: VX026633.D

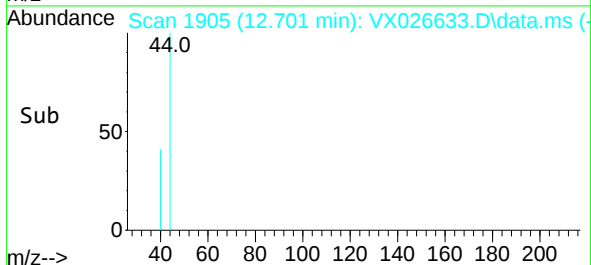
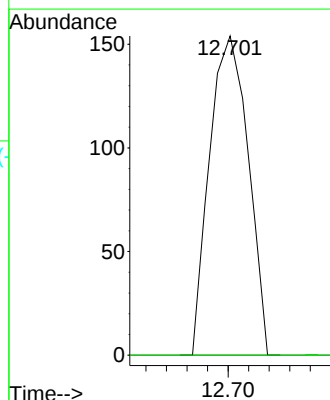
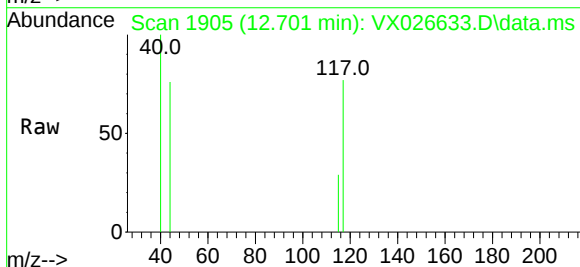
Acq: 27 Jan 2022 18:35

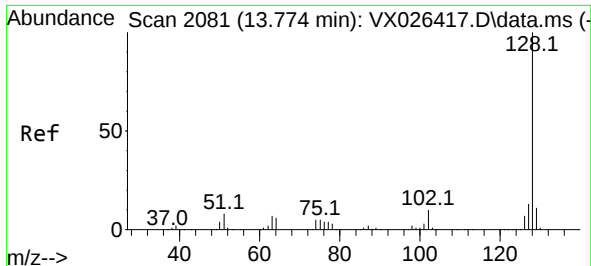
Tgt Ion:117 Resp: 202

Ion Ratio Lower Upper

117 100

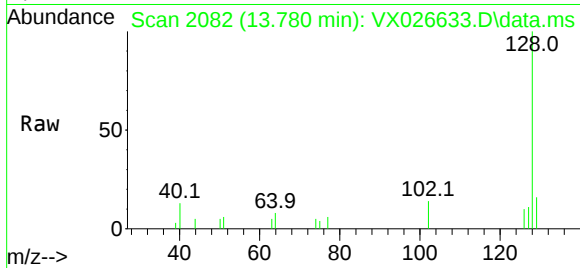
201 0.0 35.6 106.8#





#95
Naphthalene
Concen: 0.481 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026633.D
Acq: 27 Jan 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
MW-1



Tgt Ion:128 Resp: 2723

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.4	8.7	13.1

