

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027929.D
 Acq On : 02 Apr 2022 13:36
 Operator : JC/MD
 Sample : N2172-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6RRE

Quant Time: Apr 04 04:14:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

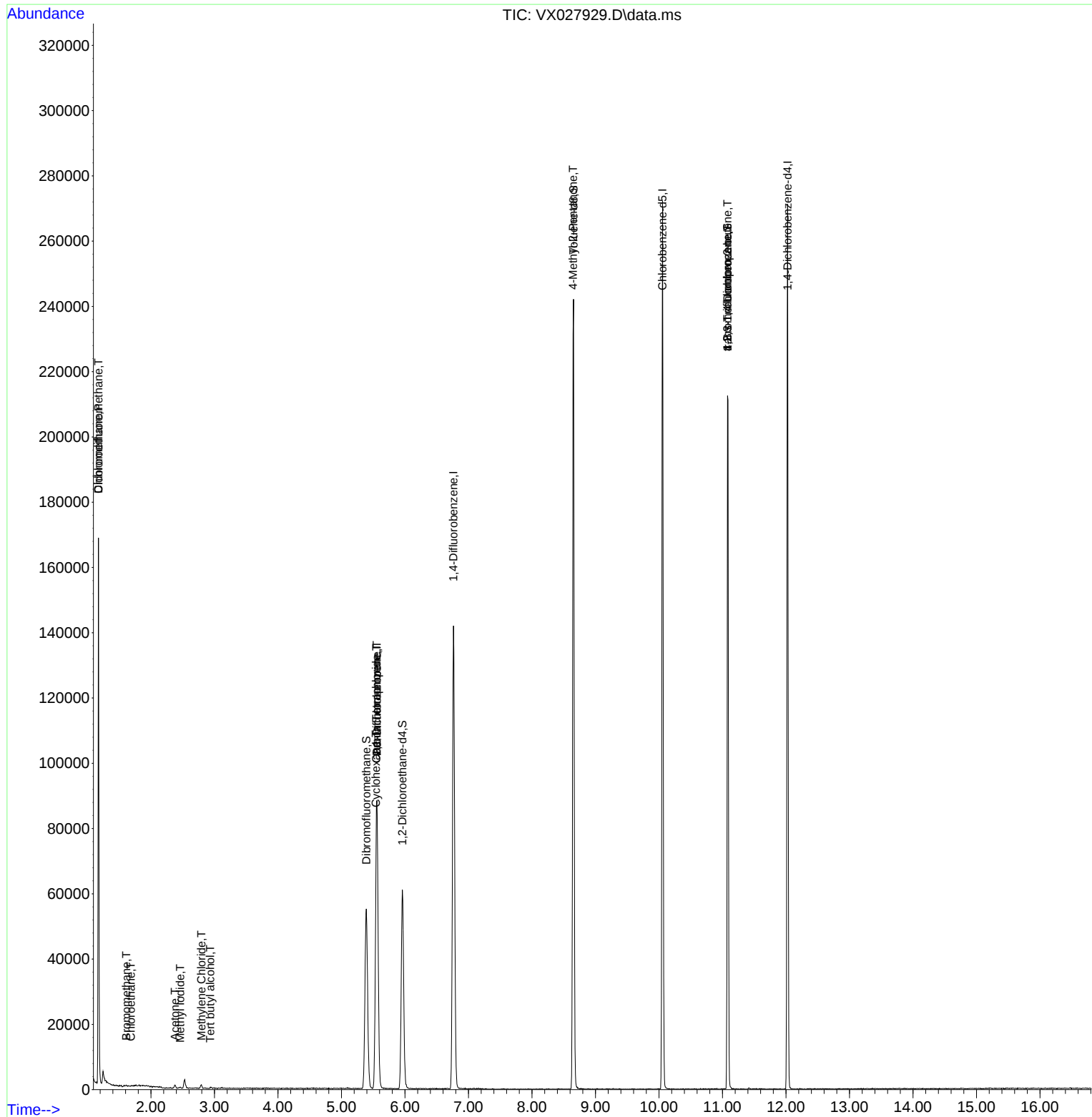
Internal Standards						
1) Pentafluorobenzene	5.556	168	78736	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60397	59.451	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 118.900%	
35) Dibromofluoromethane	5.391	113	47746	52.692	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.380%	
50) Toluene-d8	8.653	98	147385	46.229	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 92.460%	
62) 4-Bromofluorobenzene	11.079	95	61240	45.201	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1891	2.650	ug/l	90
3) Chloromethane	1.173	50	5855	9.287	ug/l #	74
5) Bromomethane	1.612	94	123	0.422	ug/l	96
6) Chloroethane	1.685	64	127	0.291	ug/l #	43
10) Methyl Iodide	2.459	142	312	0.364	ug/l #	84
11) Tert butyl alcohol	2.934	59	147	0.753	ug/l #	72
16) Acetone	2.380	43	1027	2.284	ug/l #	84
20) Methylene Chloride	2.794	84	470	0.581	ug/l #	75
31) Cyclohexane	5.544	56	1778	1.583	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	7176	6.288	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8806	6.984	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	506	0.322	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29690	22.564	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	29690	66.591	ug/l #	15

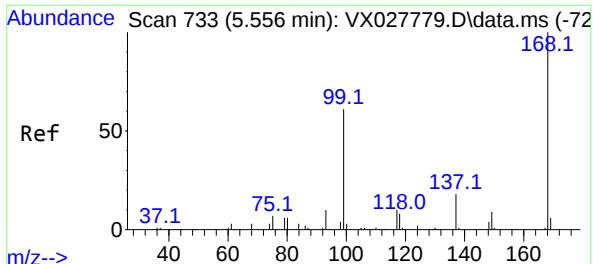
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 04 04:14:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

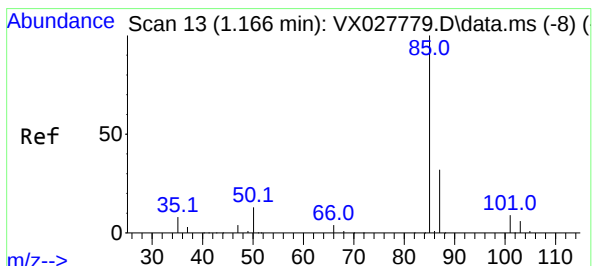
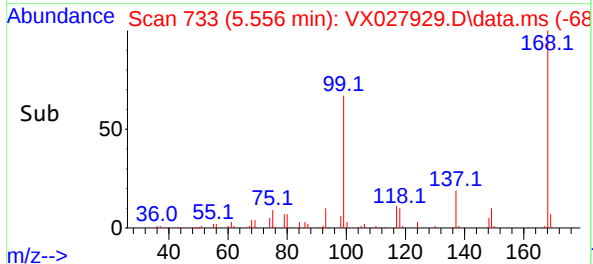
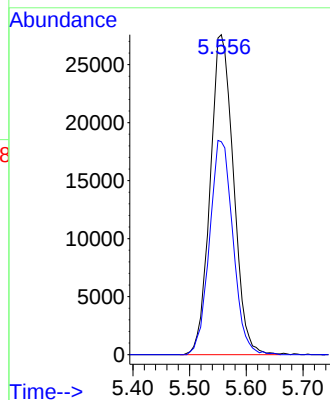
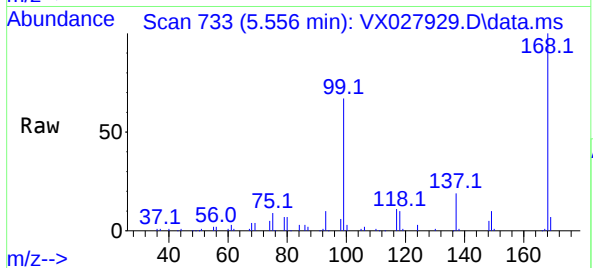




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

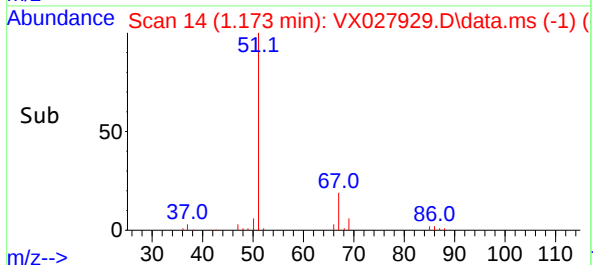
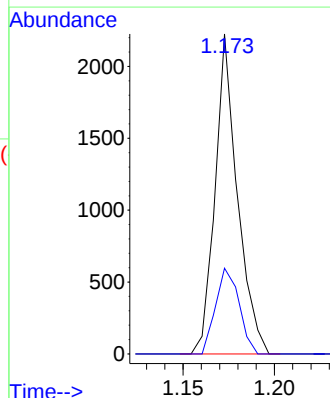
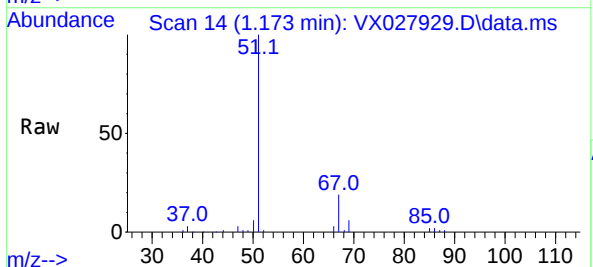
Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

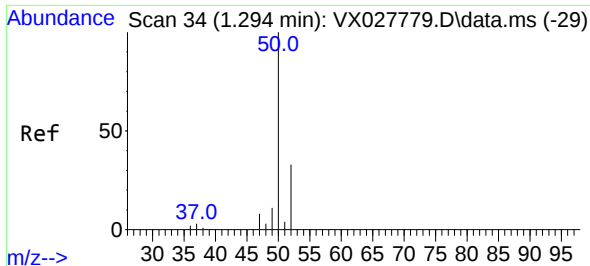
Tgt Ion:168 Resp: 78736
Ion Ratio Lower Upper
168 100
99 66.6 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 2.650 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion: 85 Resp: 1891
Ion Ratio Lower Upper
85 100
87 26.8 16.2 48.6

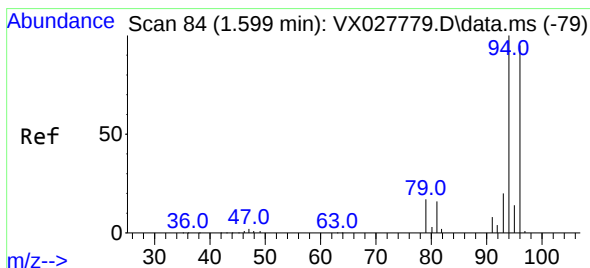
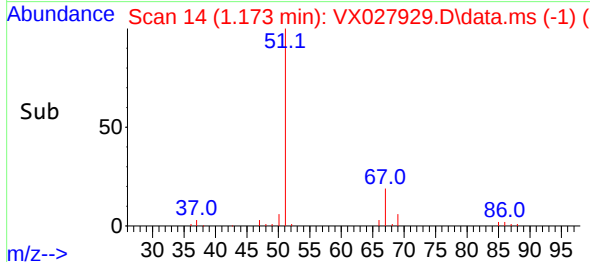
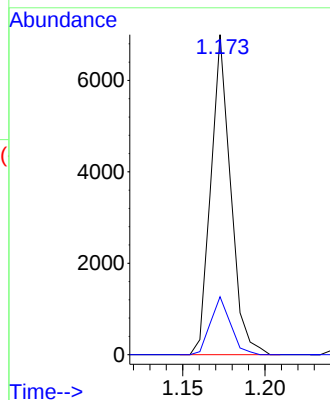
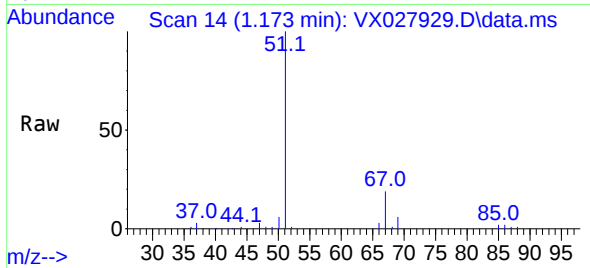




#3
Chloromethane
Concen: 9.287 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.121 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

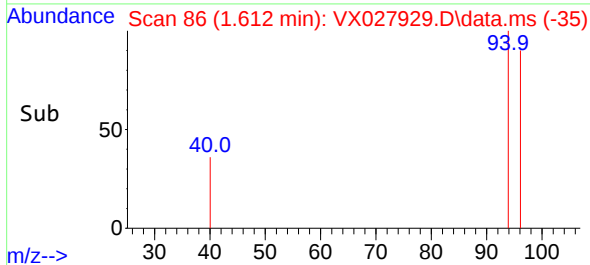
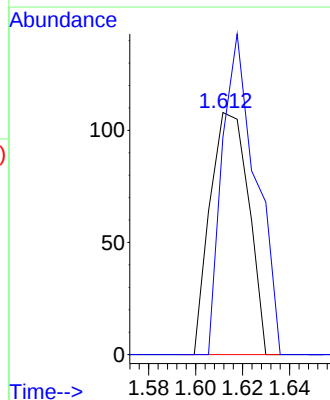
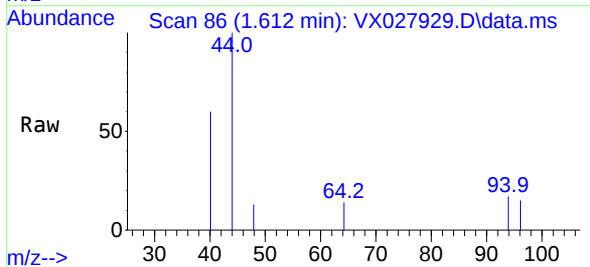
Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

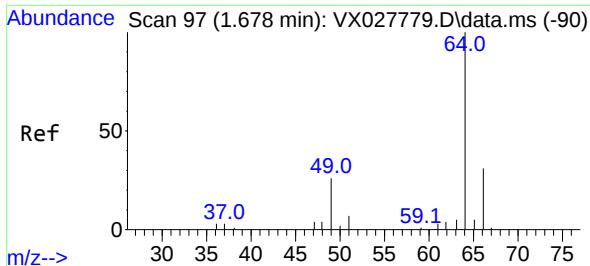
Tgt Ion: 50 Resp: 5855
Ion Ratio Lower Upper
50 100
52 18.1 26.4 39.6#



#5
Bromomethane
Concen: 0.422 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 89.8 75.3 112.9

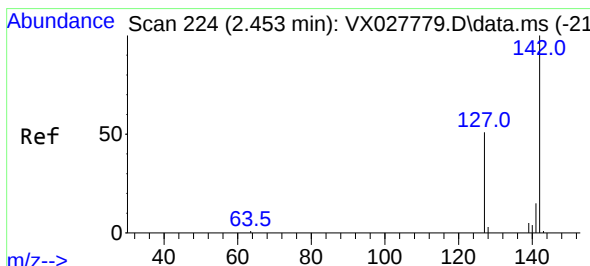
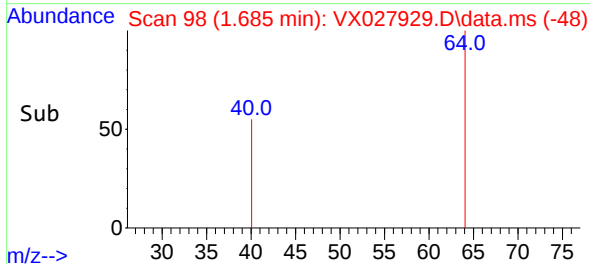
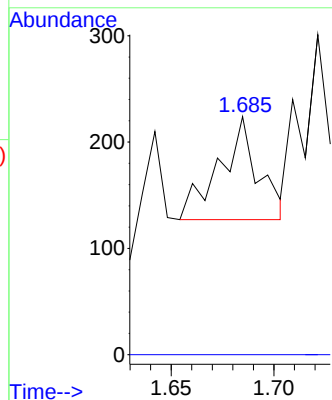
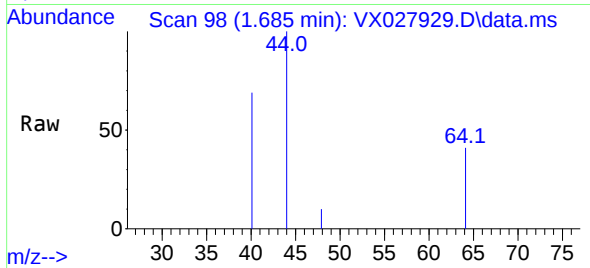




#6
Chloroethane
Concen: 0.291 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

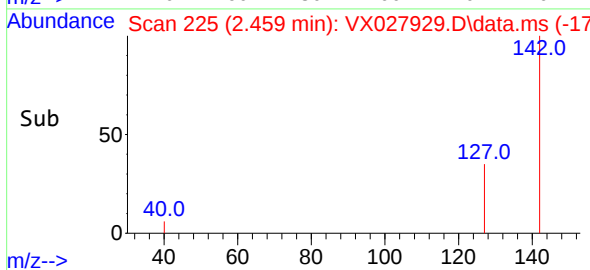
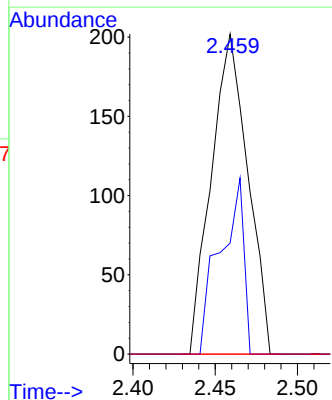
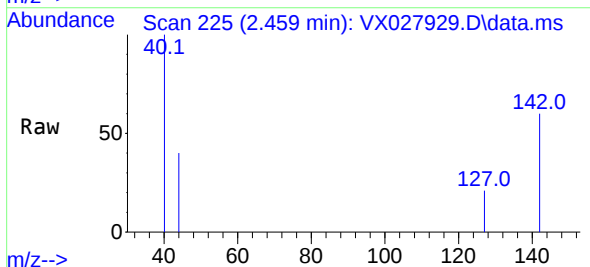
Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

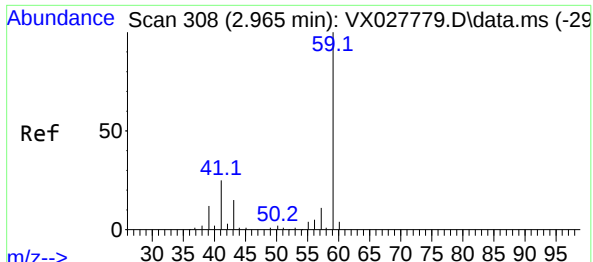
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.364 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion: 142 Resp: 312
Ion Ratio Lower Upper
142 100
127 35.9 33.9 50.9
141 0.0 11.4 17.2#

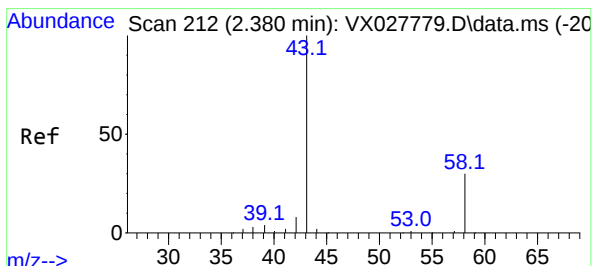
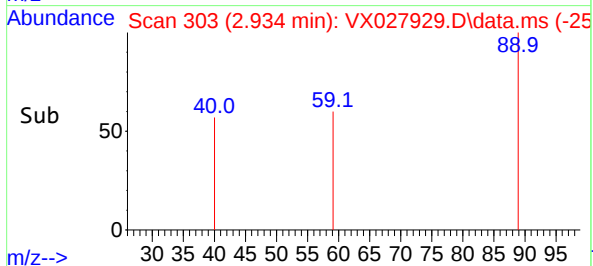
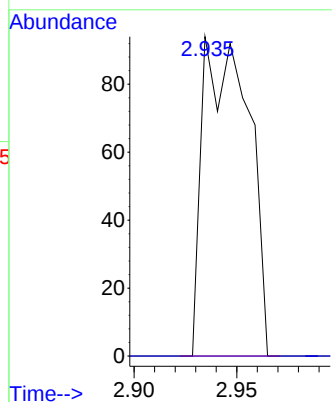
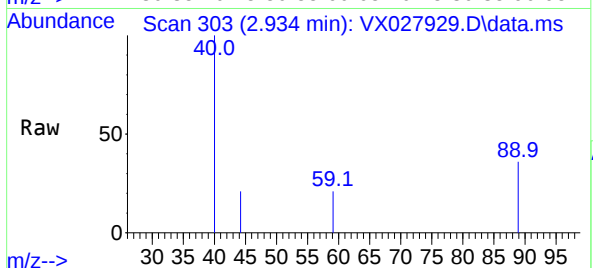




#11
Tert butyl alcohol
Concen: 0.753 ug/l
RT: 2.934 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

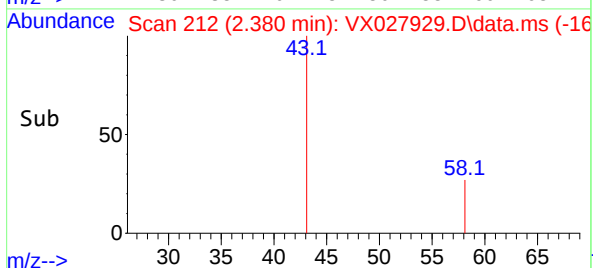
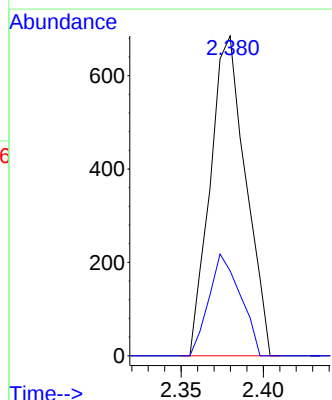
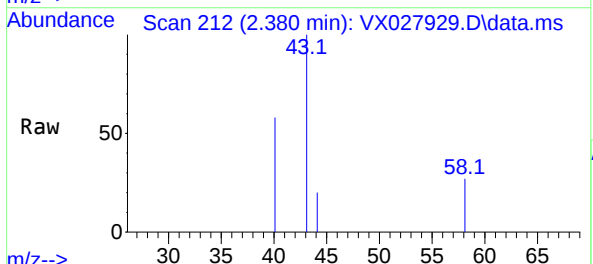
Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

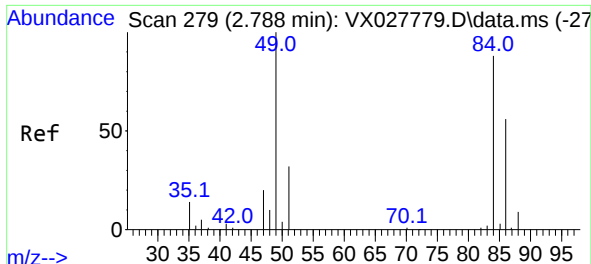
Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.284 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
58 26.6 28.8 43.2#



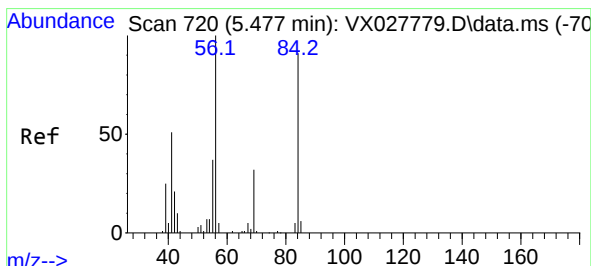
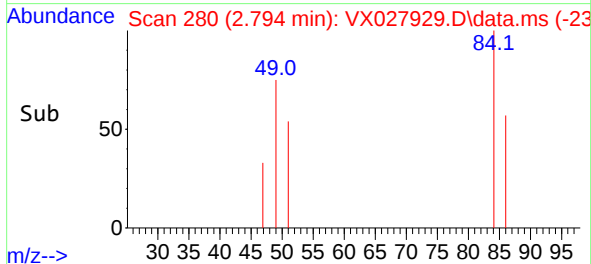
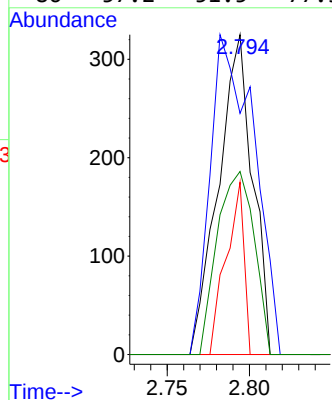
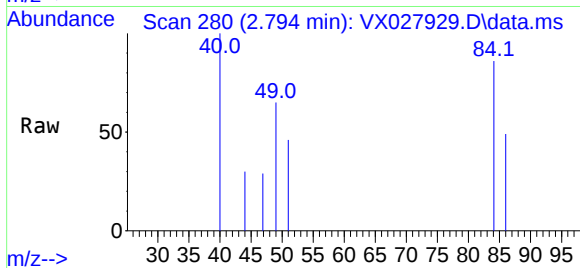


#20
Methylene Chloride
Concen: 0.581 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

Tgt Ion: 84 Resp: 470

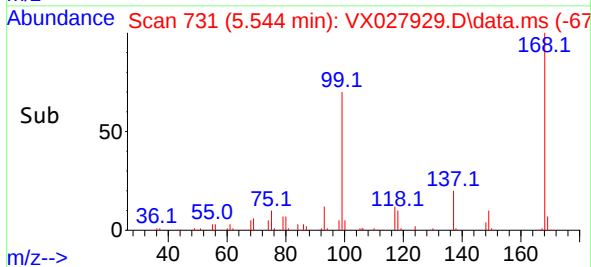
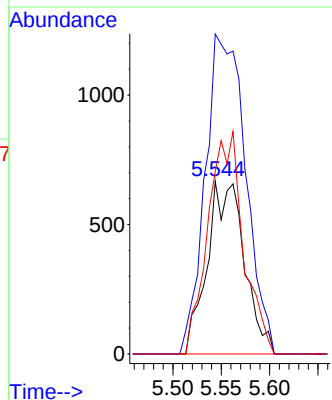
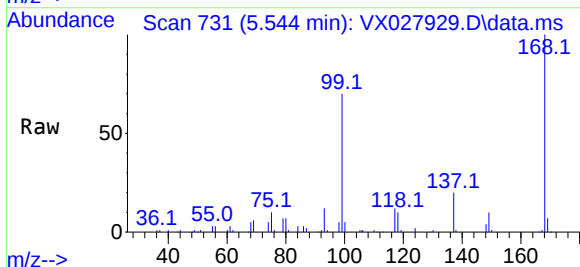
Ion	Ratio	Lower	Upper
84	100		
49	75.4	85.5	128.3#
51	53.8	26.6	39.8#
86	57.2	51.5	77.3

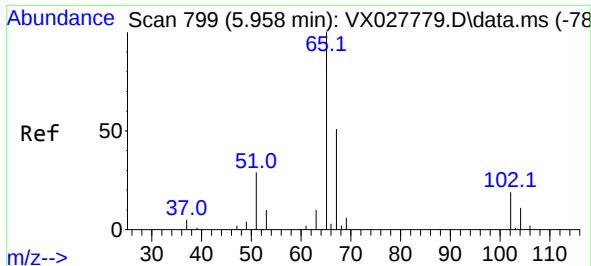


#31
Cyclohexane
Concen: 1.583 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion: 56 Resp: 1778

Ion	Ratio	Lower	Upper
56	100		
69	185.3	26.7	40.1#
84	105.7	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 59.451 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027929.D

Acq: 02 Apr 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

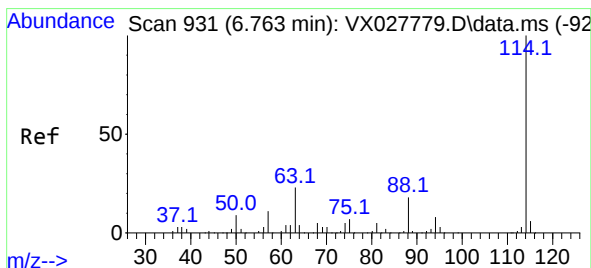
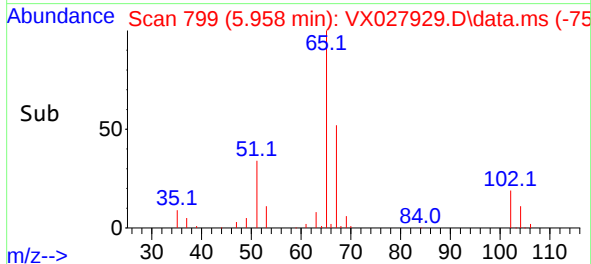
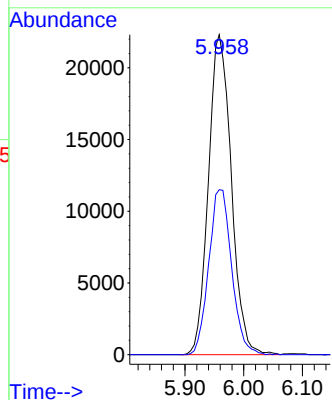
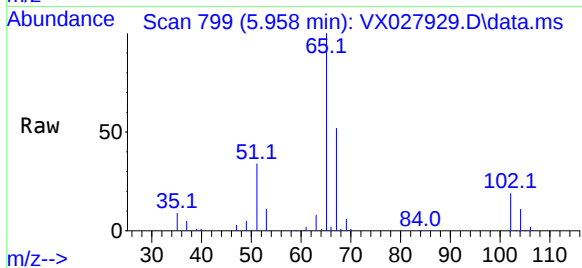
MW-6RRE

Tgt Ion: 65 Resp: 60397

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027929.D

Acq: 02 Apr 2022 13:36

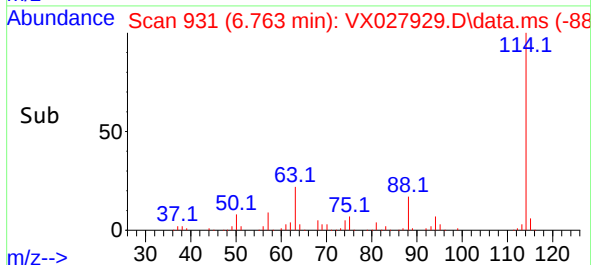
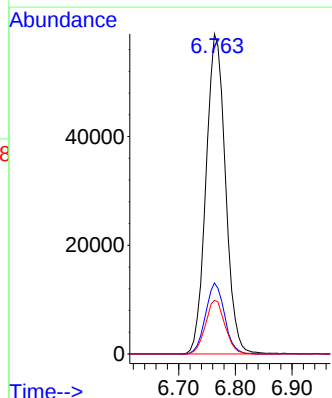
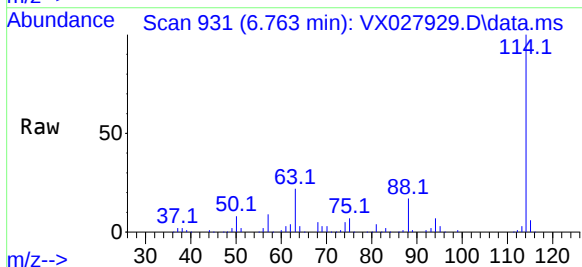
Tgt Ion: 114 Resp: 140381

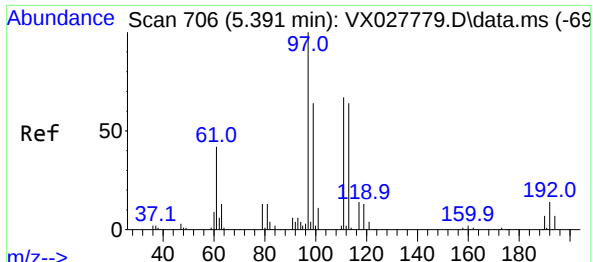
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.8

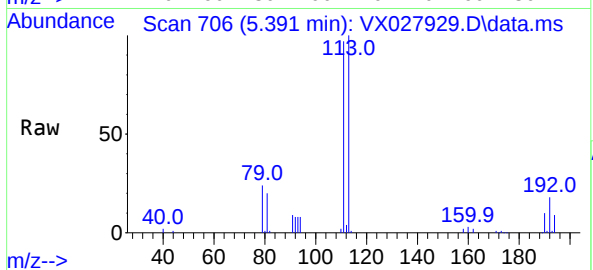
88 16.8 0.0 32.4



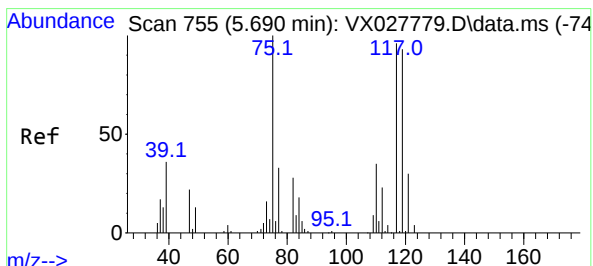
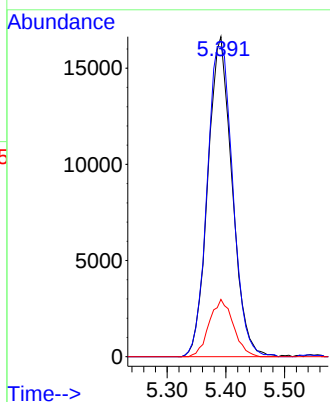
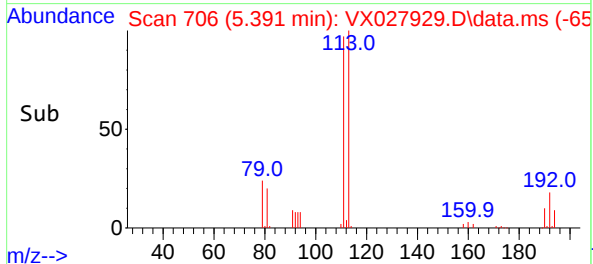


#35
Dibromofluoromethane
Concen: 52.692 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

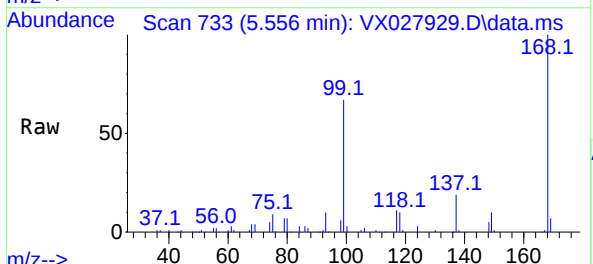
Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE



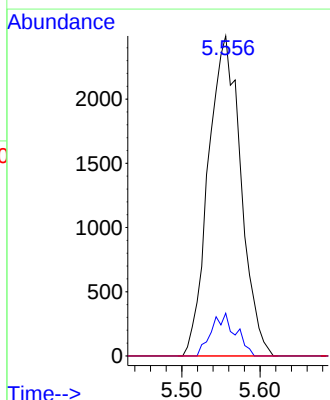
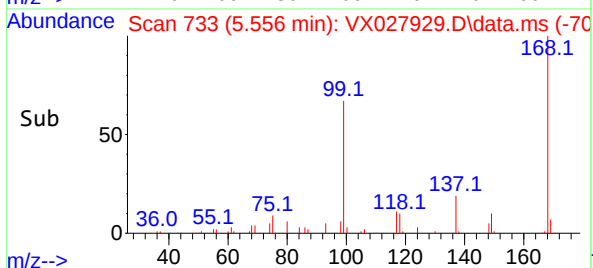
Tgt Ion:113 Resp: 47746
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 17.8 16.9 25.3

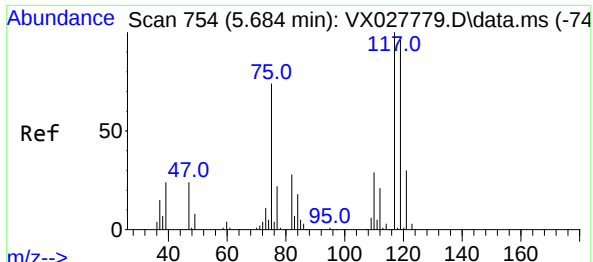


#36
1,1-Dichloropropene
Concen: 6.288 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36



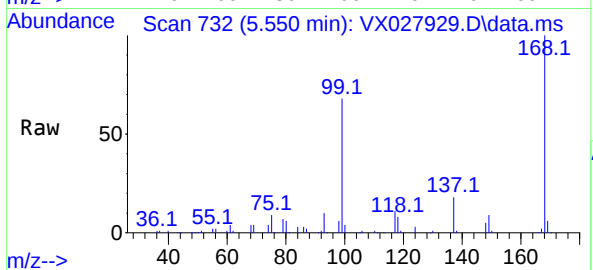
Tgt Ion: 75 Resp: 7176
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



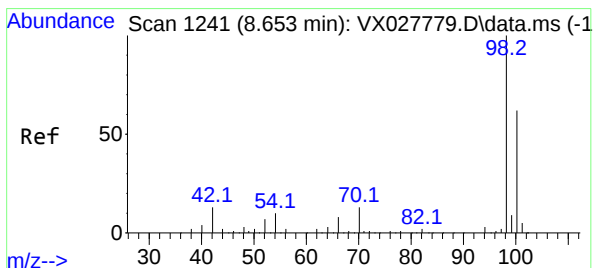
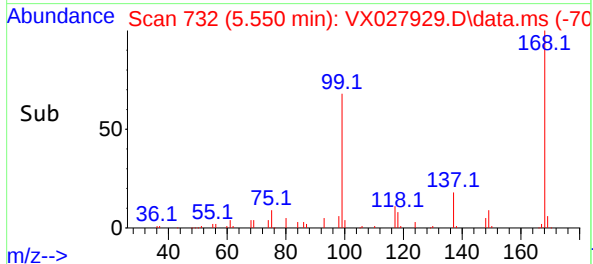
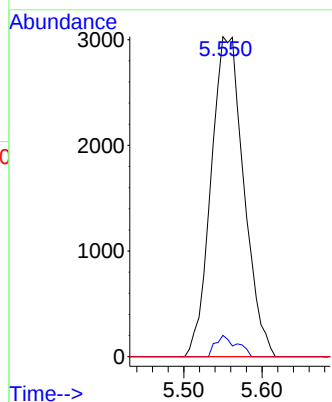


#38
Carbon Tetrachloride
Concen: 6.984 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

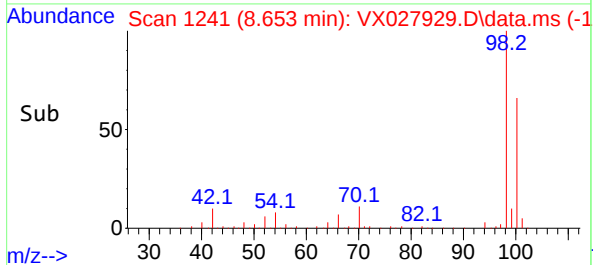
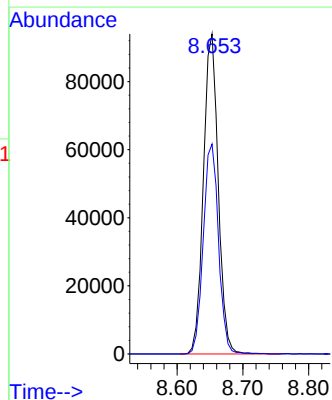
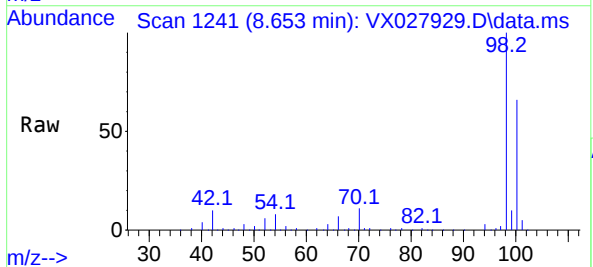


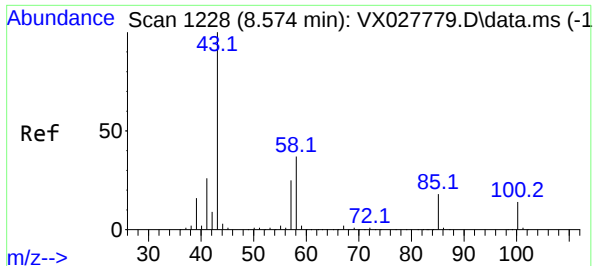
Tgt Ion:117 Resp: 8806
Ion Ratio Lower Upper
117 100
119 6.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.229 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion: 98 Resp: 147385
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8

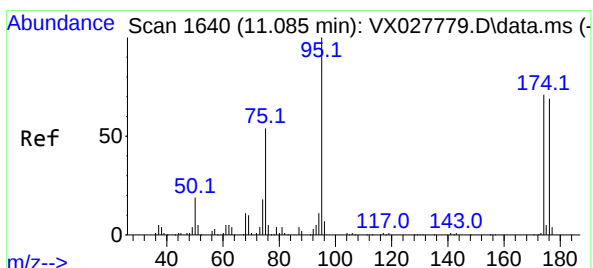
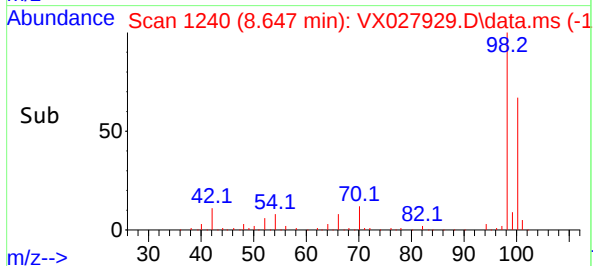
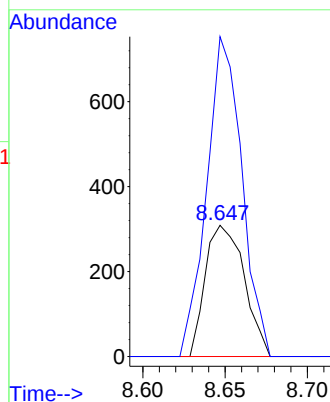
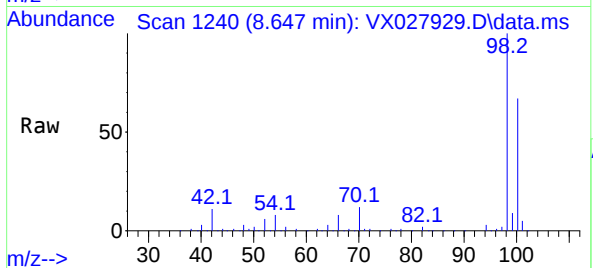




#51
4-Methyl-2-Pentanone
Concen: 0.322 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

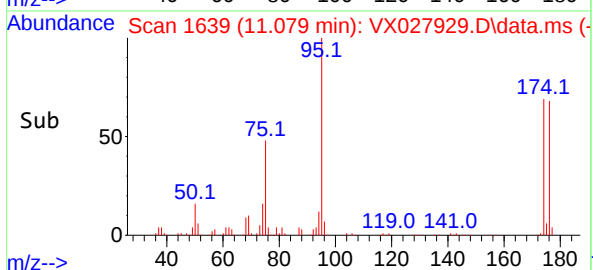
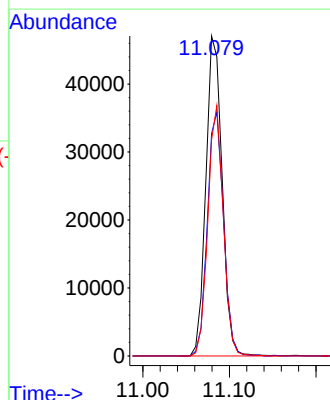
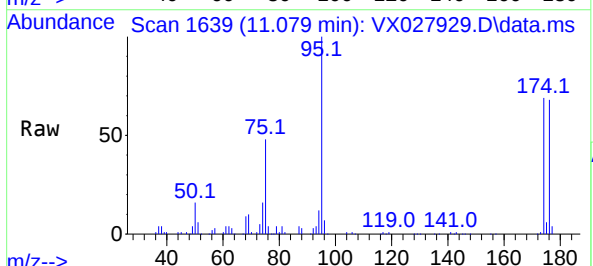
Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

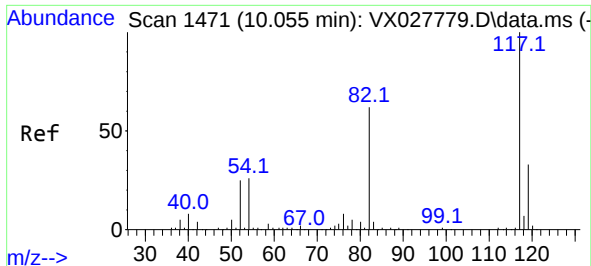
Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
58 221.5 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 45.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion: 95 Resp: 61240
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 74.4 0.0 155.0

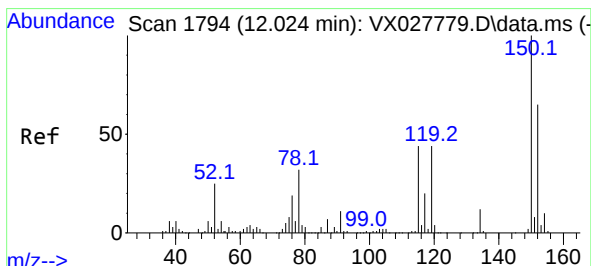
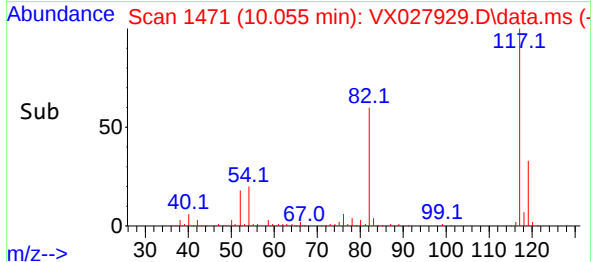
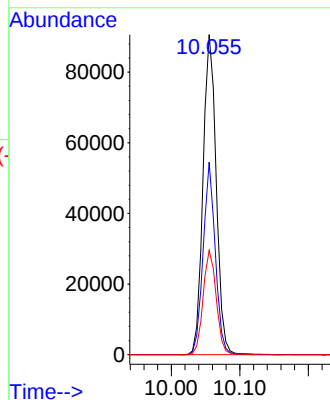
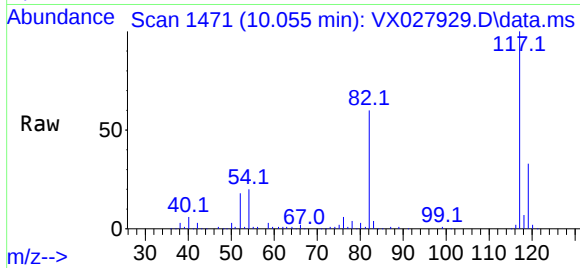




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

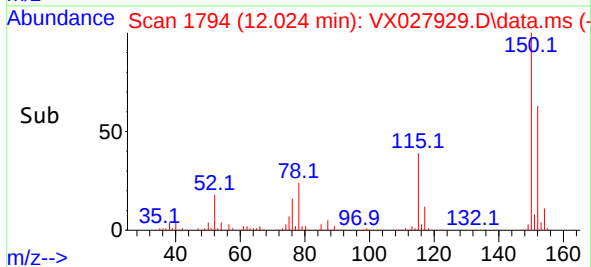
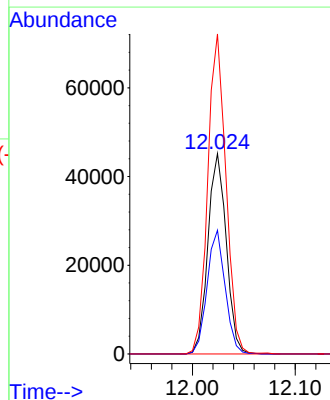
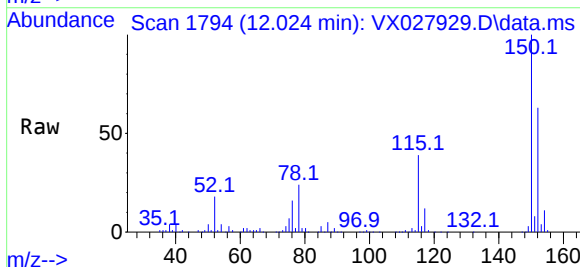
Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

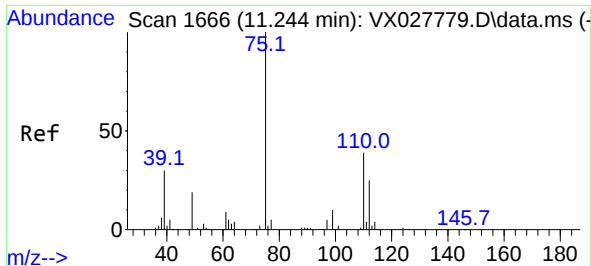
Tgt Ion:117 Resp: 121429
Ion Ratio Lower Upper
117 100
82 60.2 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion:152 Resp: 56091
Ion Ratio Lower Upper
152 100
115 60.8 37.5 112.7
150 158.0 0.0 338.2

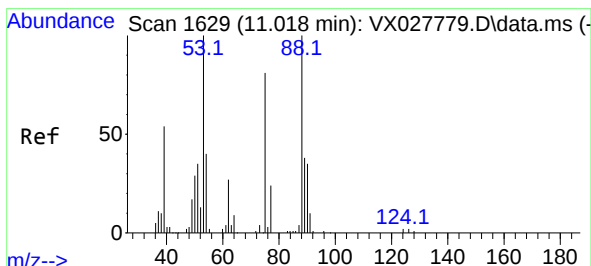
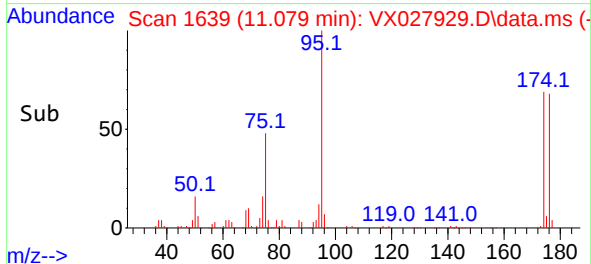
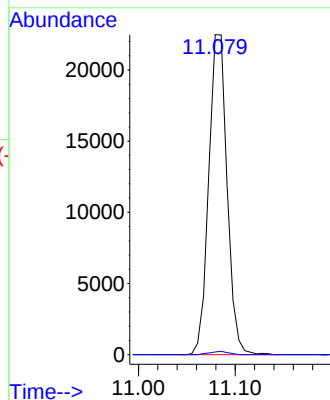
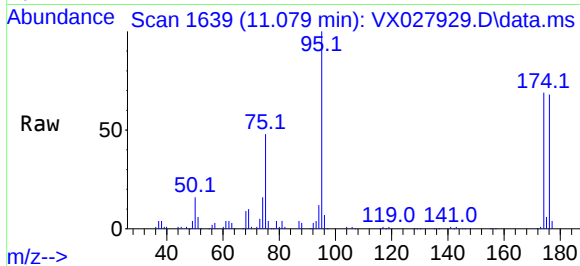




#76
1,2,3-Trichloropropane
Concen: 22.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW-6RRE

Tgt Ion: 75 Resp: 29690
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027929.D
Acq: 02 Apr 2022 13:36

Tgt Ion: 75 Resp: 29690
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

