

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027429.D
 Acq On : 14 Mar 2022 18:21
 Operator : JC/MD
 Sample : N1895-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Mar 15 06:05:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

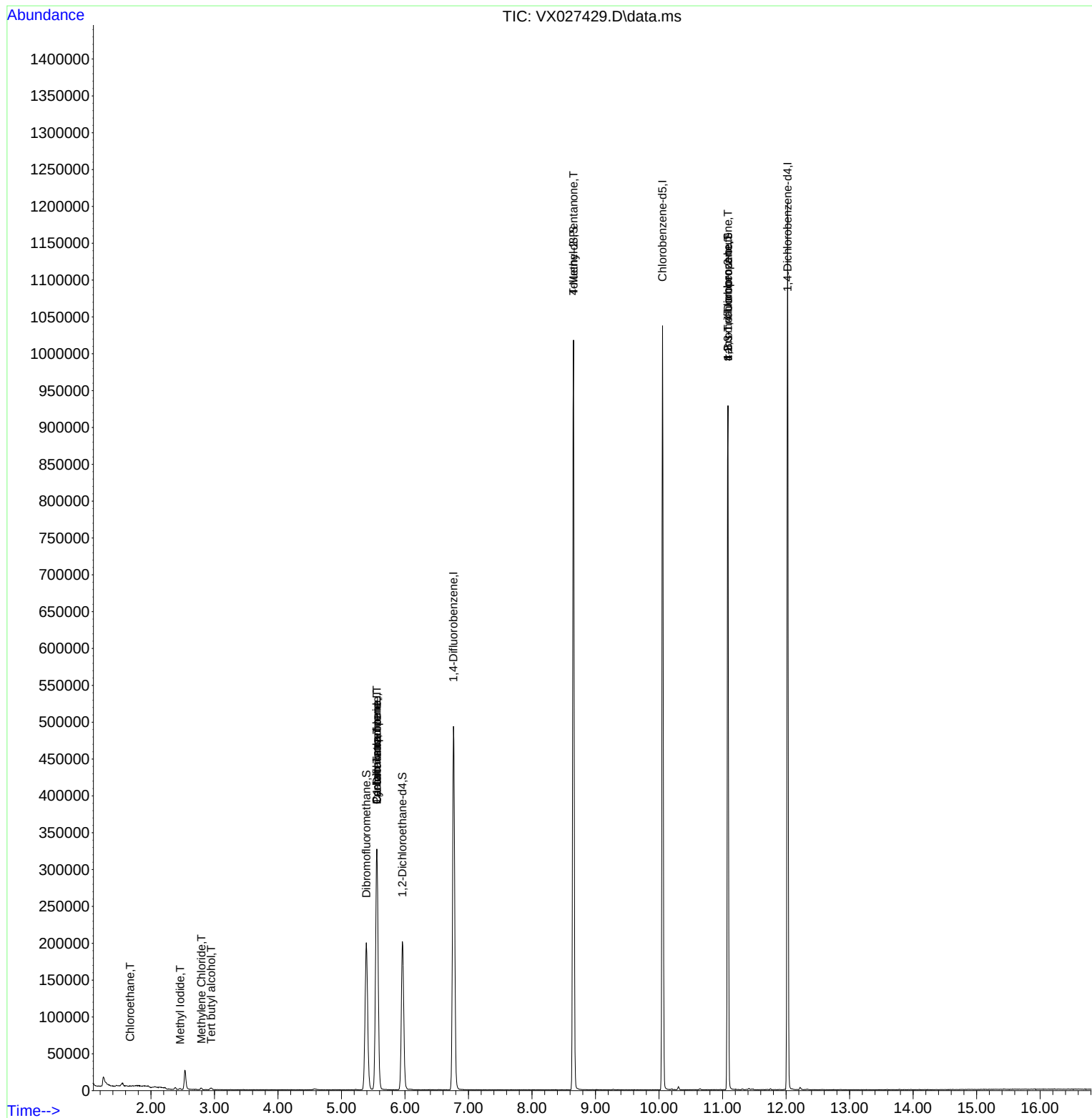
Internal Standards						
1) Pentafluorobenzene	5.556	168	311301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	509229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	472199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201651	55.548	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.100%
35) Dibromofluoromethane	5.391	113	172206	52.408	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.820%
50) Toluene-d8	8.653	98	601103	48.456	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.920%
62) 4-Bromofluorobenzene	11.085	95	250455	52.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	497	Below Cal		86
6) Chloroethane	1.672	64	582	0.714 ug/l	#	43
10) Methyl Iodide	2.459	142	1509	0.340 ug/l		97
11) Tert butyl alcohol	2.947	59	1509	2.120 ug/l	#	72
16) Acetone	2.386	43	2774	Below Cal		94
20) Methylene Chloride	2.794	84	1121	0.316 ug/l		97
31) Cyclohexane	5.556	56	6124	1.206 ug/l	#	21
36) 1,1-Dichloropropene	5.556	75	23223	5.090 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	31734	6.727 ug/l	#	15
51) 4-Methyl-2-Pentanone	8.653	43	2468	0.509 ug/l	#	1
76) 1,2,3-Trichloropropane	11.085	75	121581	21.304 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	121581	68.899 ug/l	#	15

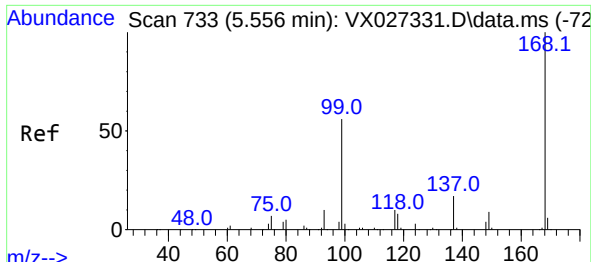
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
Data File : VX027429.D
Acq On : 14 Mar 2022 18:21
Operator : JC/MD
Sample : N1895-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Quant Time: Mar 15 06:05:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

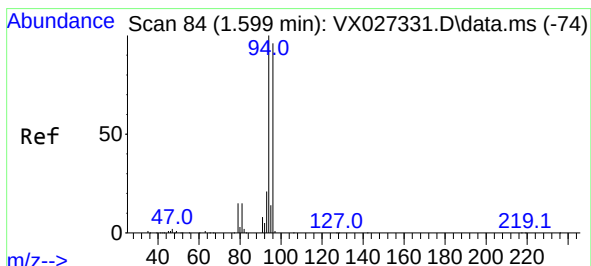
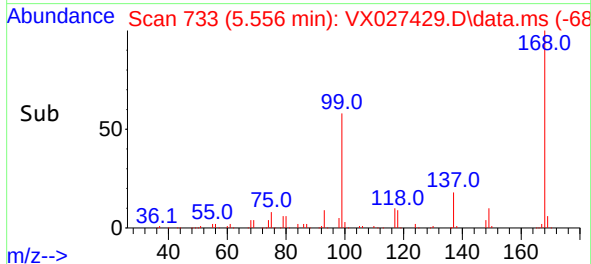
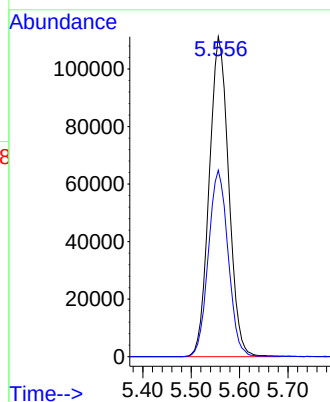
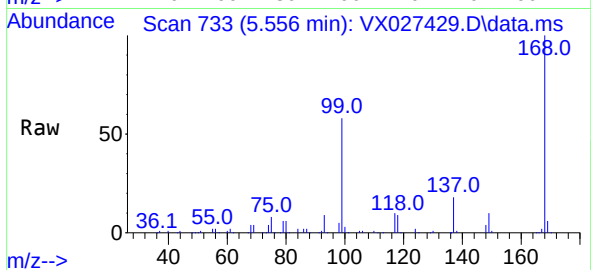




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

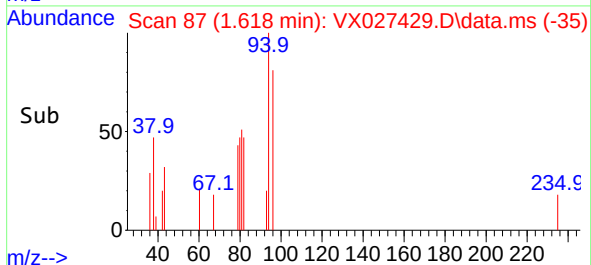
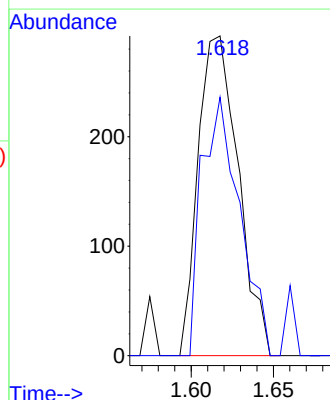
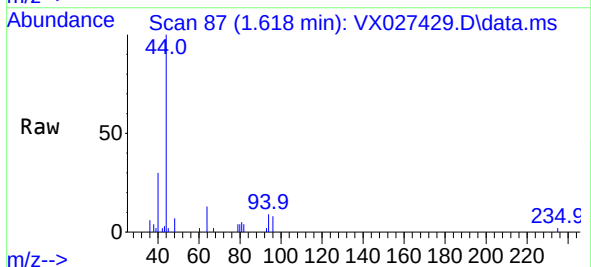
Instrument :
MSVOA_X
ClientSampleId :
MW-5

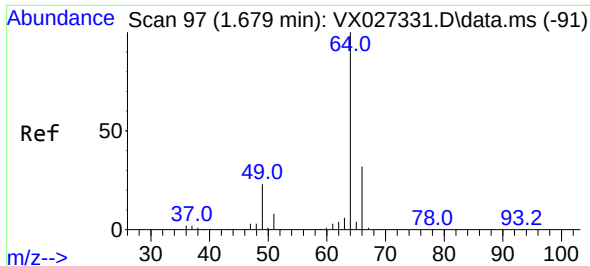
Tgt Ion:168 Resp: 311301
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Tgt Ion: 94 Resp: 497
Ion Ratio Lower Upper
94 100
96 80.8 75.3 112.9

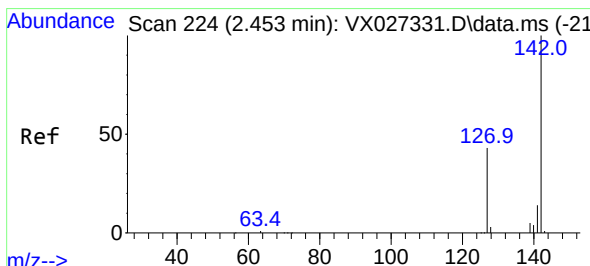
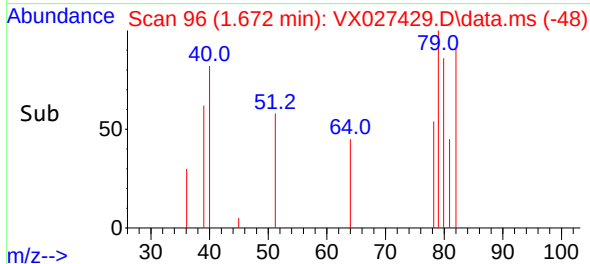
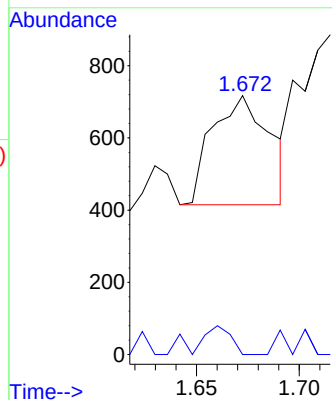
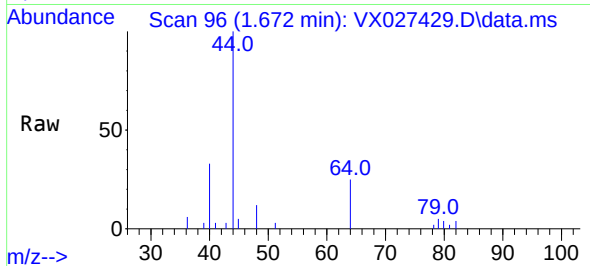




#6
Chloroethane
Concen: 0.714 ug/l
RT: 1.672 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

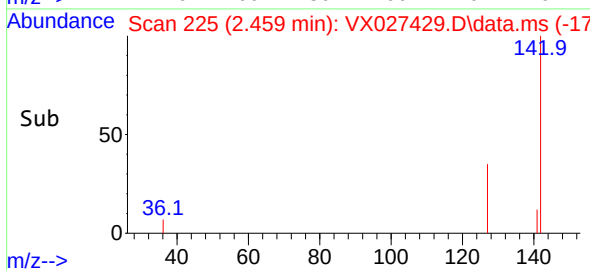
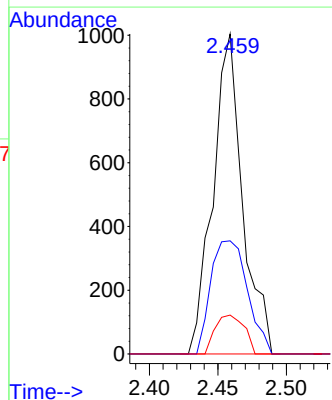
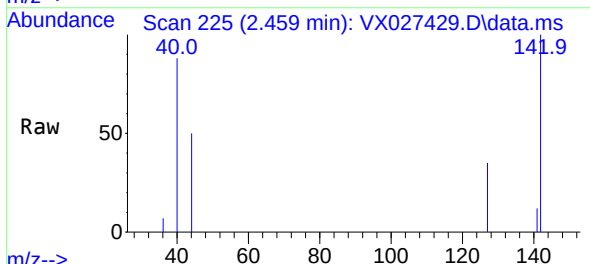
Instrument :
MSVOA_X
ClientSampleId :
MW-5

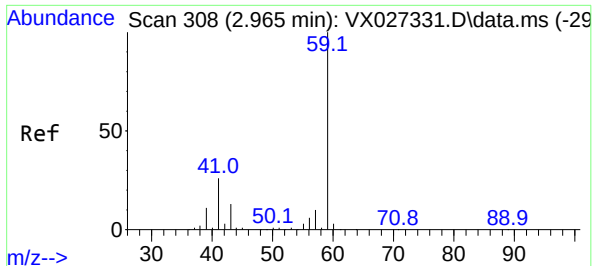
Tgt Ion: 64 Resp: 582
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.340 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Tgt Ion:142 Resp: 1509
Ion Ratio Lower Upper
142 100
127 43.8 33.9 50.9
141 11.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 2.120 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX027429.D

Acq: 14 Mar 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

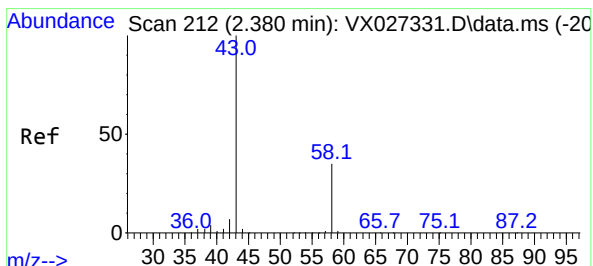
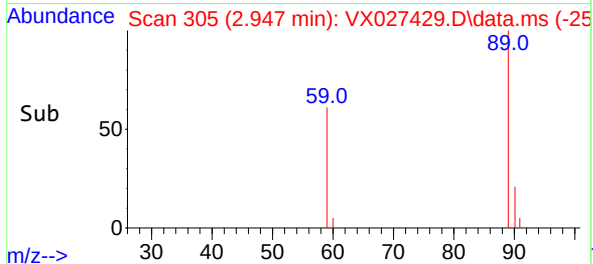
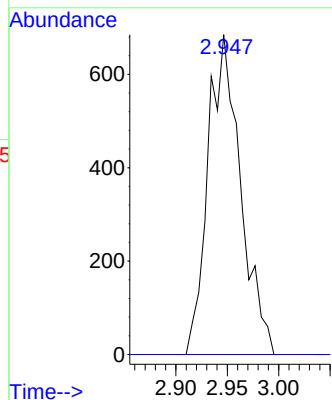
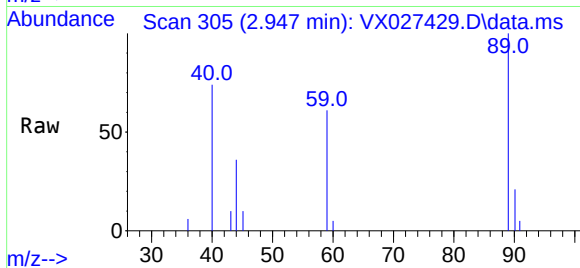
MW-5

Tgt Ion: 59 Resp: 1509

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027429.D

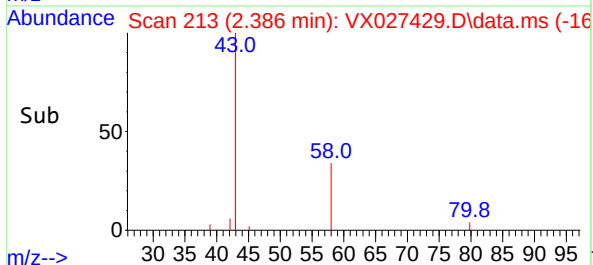
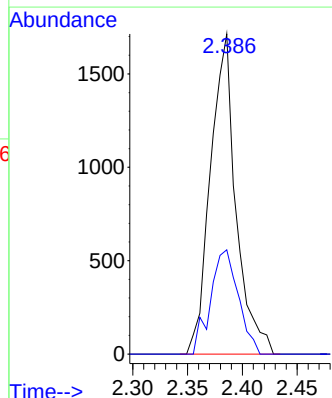
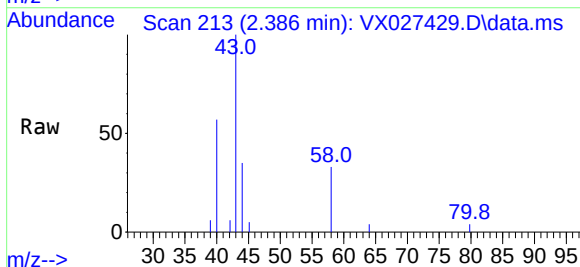
Acq: 14 Mar 2022 18:21

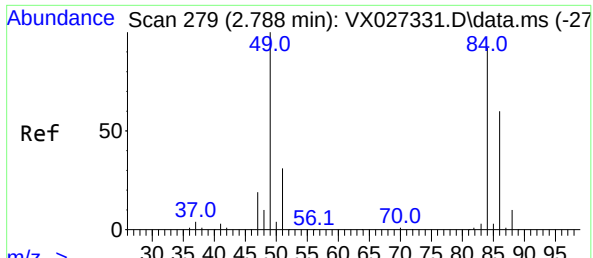
Tgt Ion: 43 Resp: 2774

Ion Ratio Lower Upper

43 100

58 32.6 28.8 43.2



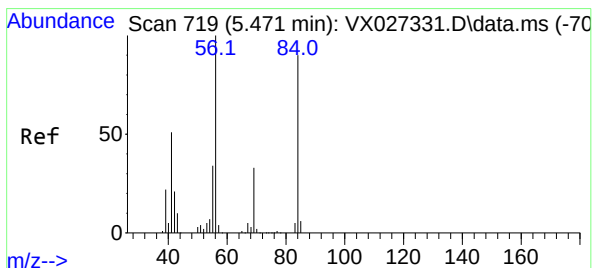
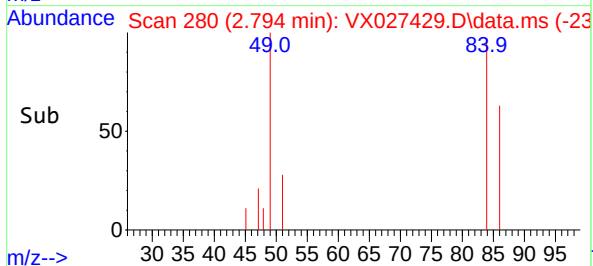
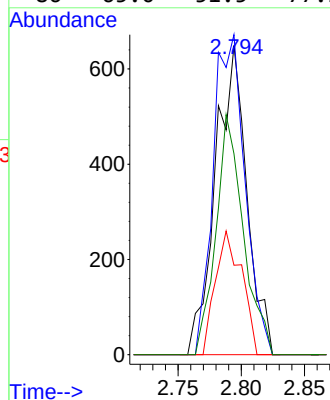
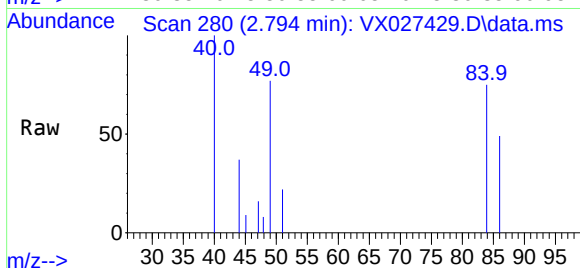


#20
Methylene Chloride
Concen: 0.316 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 84 Resp: 1121

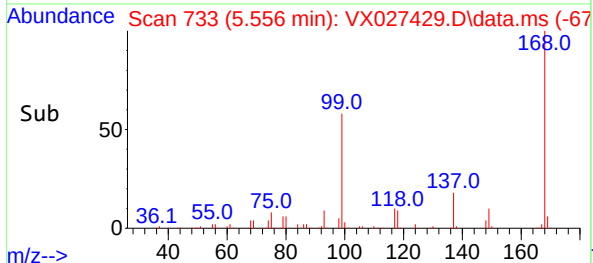
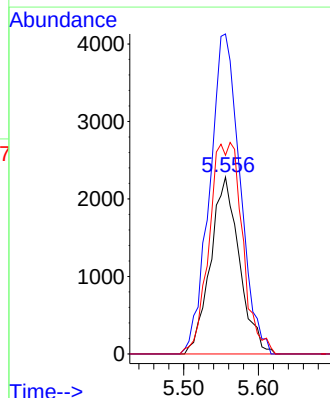
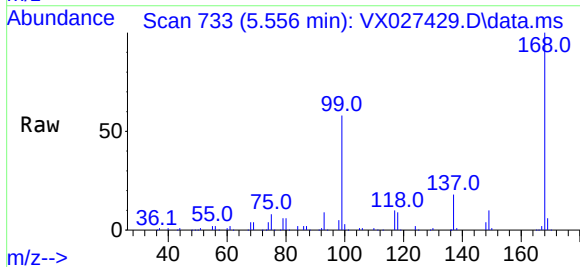
Ion	Ratio	Lower	Upper
84	100		
49	103.5	85.5	128.3
51	29.0	26.6	39.8
86	65.0	51.5	77.3

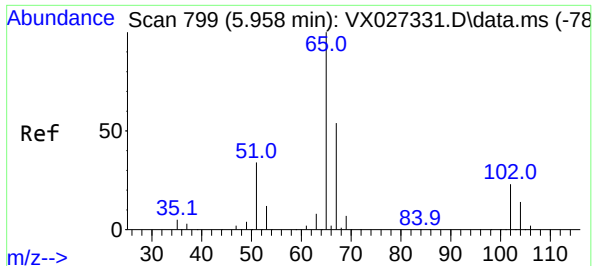


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Tgt Ion: 56 Resp: 6124

Ion	Ratio	Lower	Upper
56	100		
69	180.9	26.7	40.1#
84	112.4	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 55.548 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027429.D

Acq: 14 Mar 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

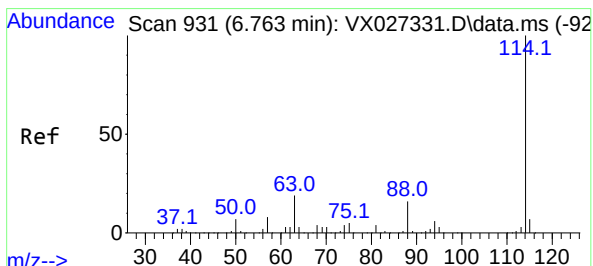
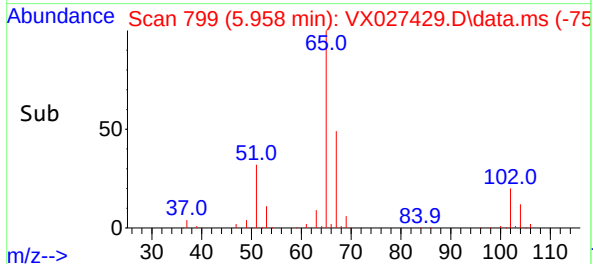
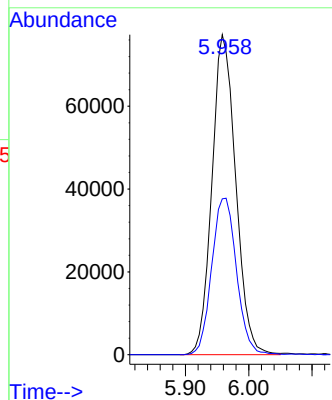
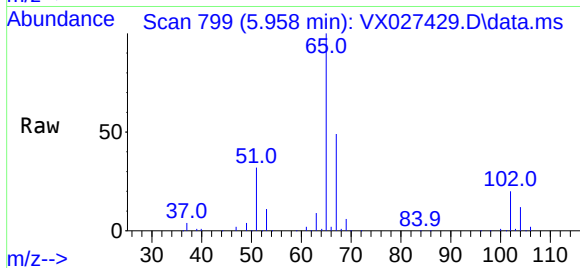
MW-5

Tgt Ion: 65 Resp: 201651

Ion Ratio Lower Upper

65 100

67 51.0 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: VX027429.D

Acq: 14 Mar 2022 18:21

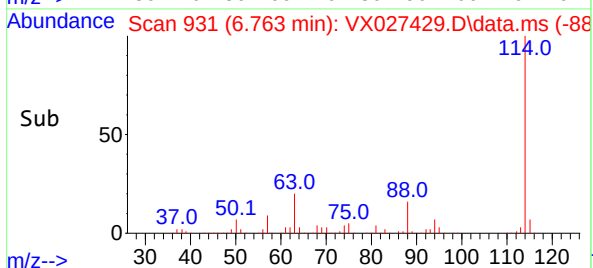
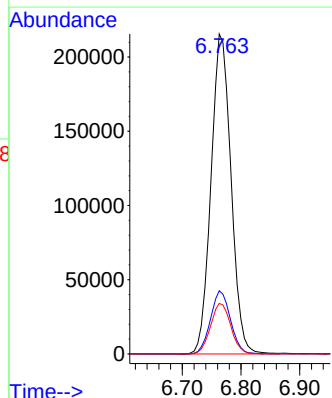
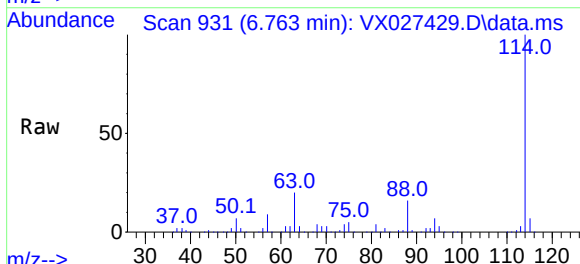
Tgt Ion: 114 Resp: 509229

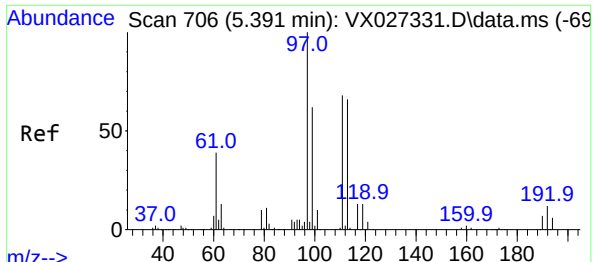
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.408 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027429.D

Acq: 14 Mar 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

MW-5

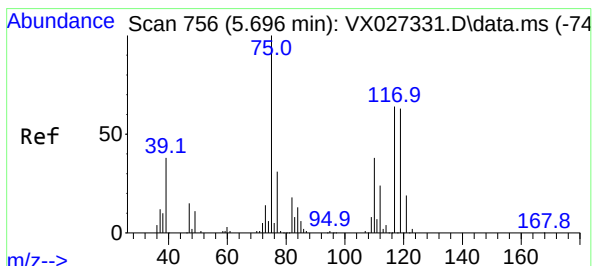
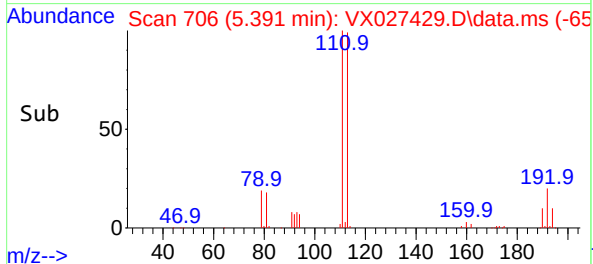
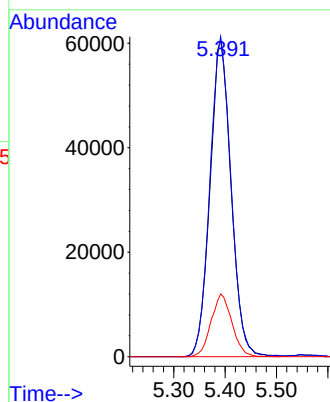
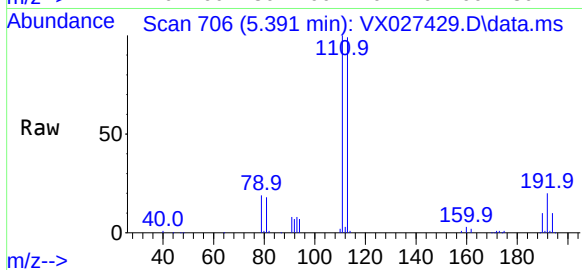
Tgt Ion:113 Resp: 172206

Ion Ratio Lower Upper

113 100

111 101.4 82.8 124.2

192 19.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.090 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027429.D

Acq: 14 Mar 2022 18:21

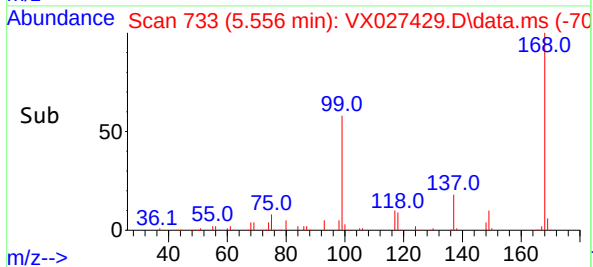
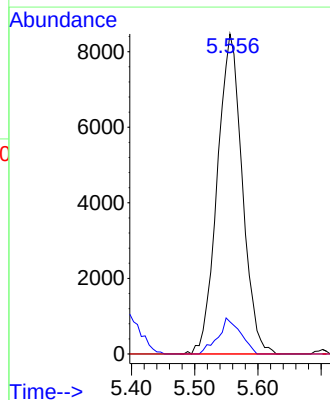
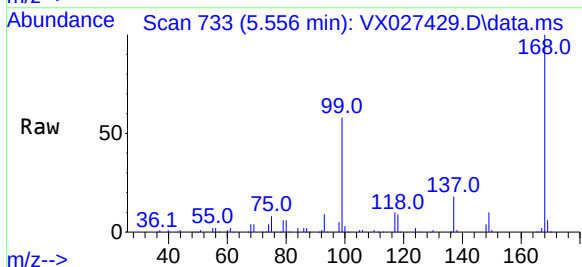
Tgt Ion: 75 Resp: 23223

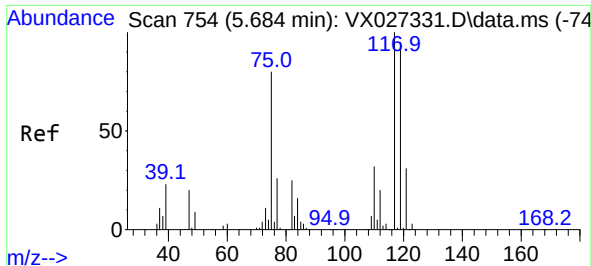
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#

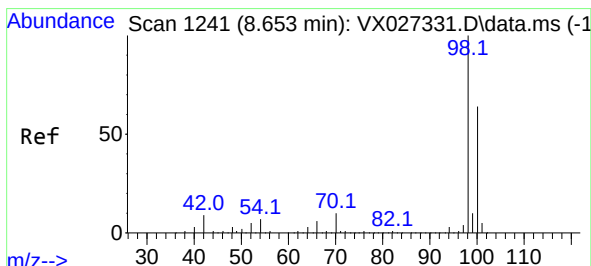
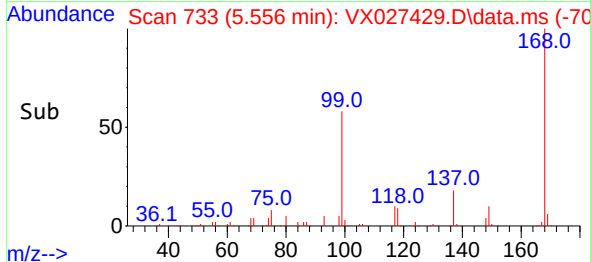
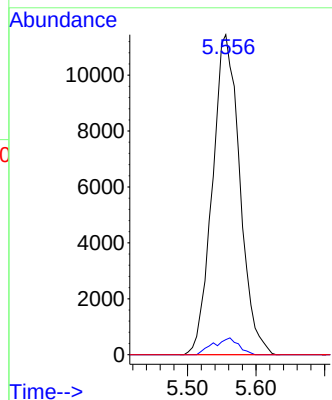
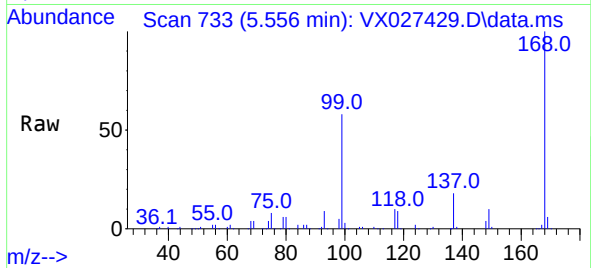




#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

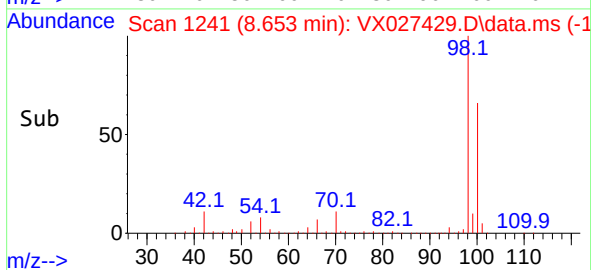
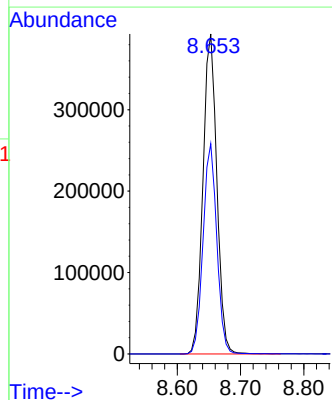
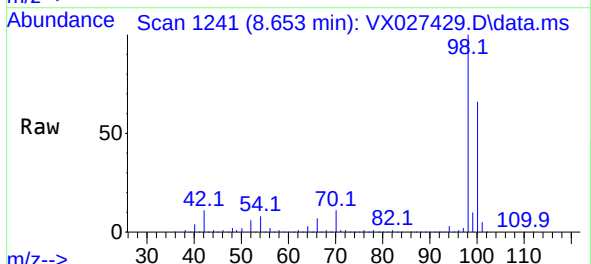
Instrument :
MSVOA_X
ClientSampleId :
MW-5

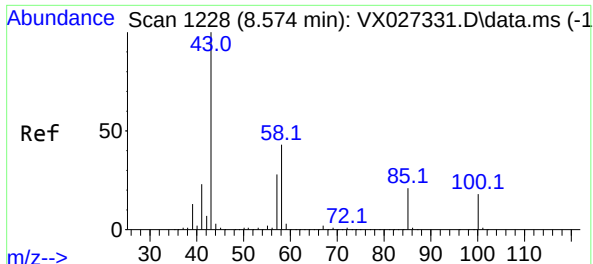
Tgt Ion:117 Resp: 31734
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.456 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Tgt Ion: 98 Resp: 601103
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

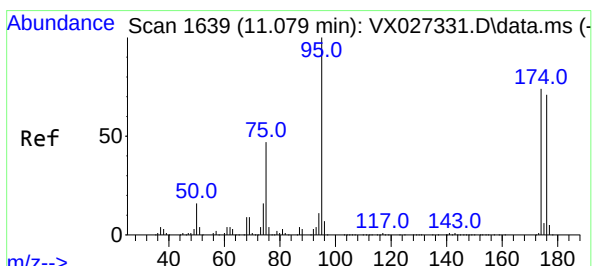
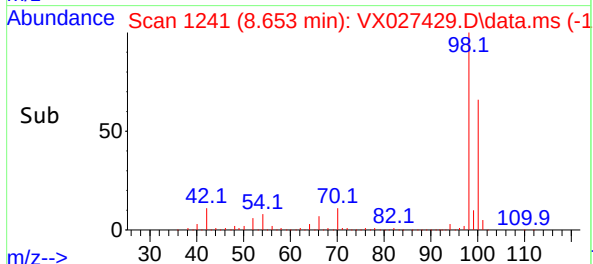
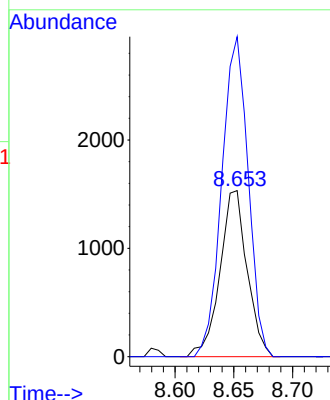
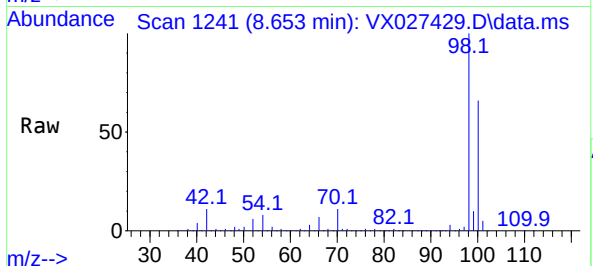




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

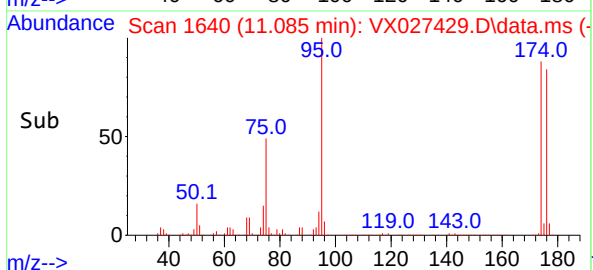
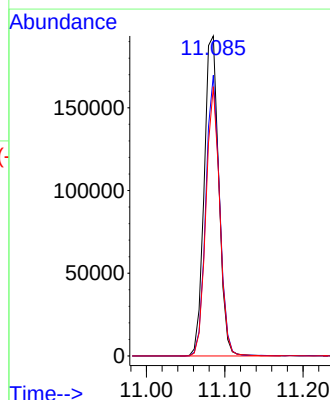
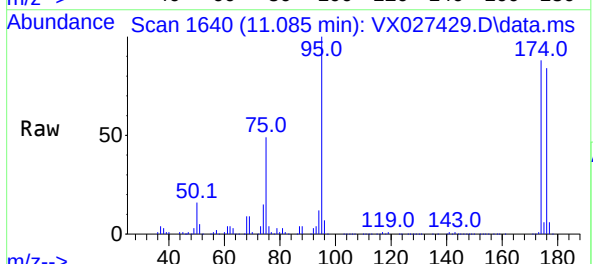
Instrument :
MSVOA_X
ClientSampleId :
MW-5

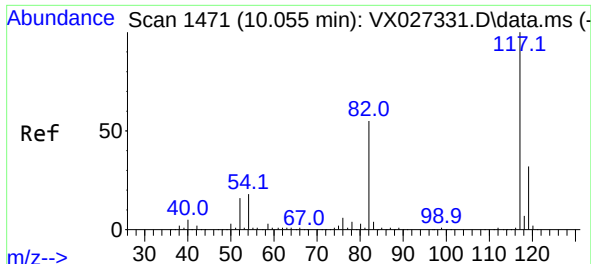
Tgt Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
58 186.9 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 52.973 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Tgt Ion: 95 Resp: 250455
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 79.3 0.0 155.0

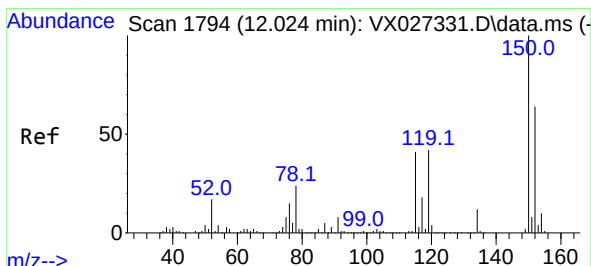
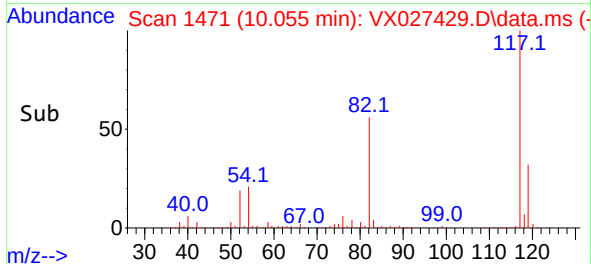
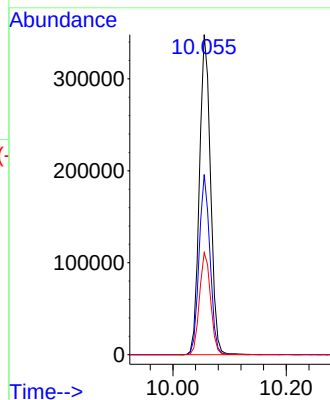
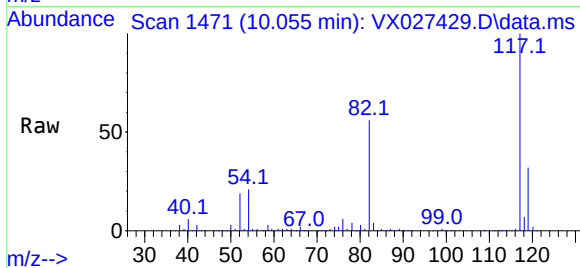




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

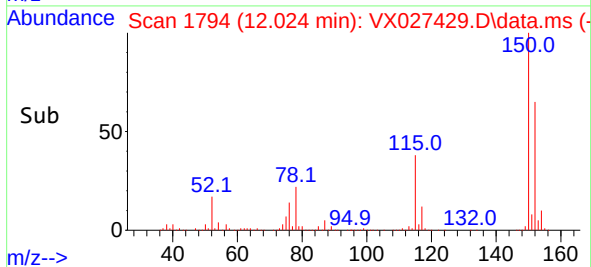
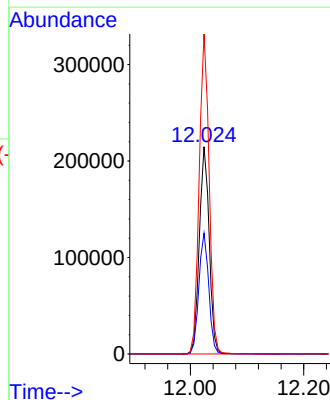
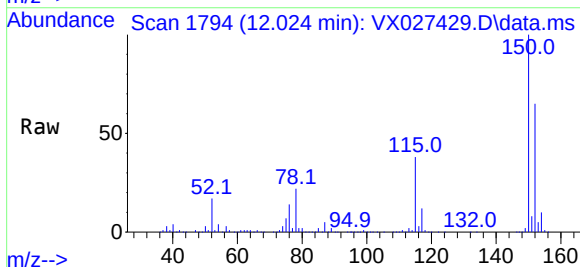
Instrument :
MSVOA_X
ClientSampleId :
MW-5

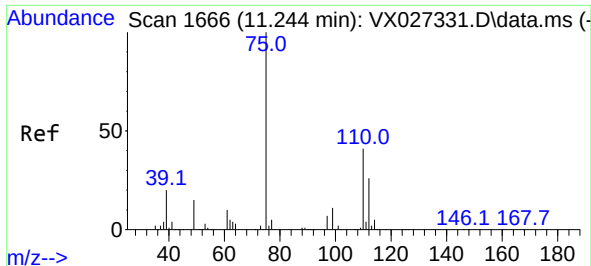
Tgt Ion:117 Resp: 472199
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Tgt Ion:152 Resp: 260113
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 155.1 0.0 338.2

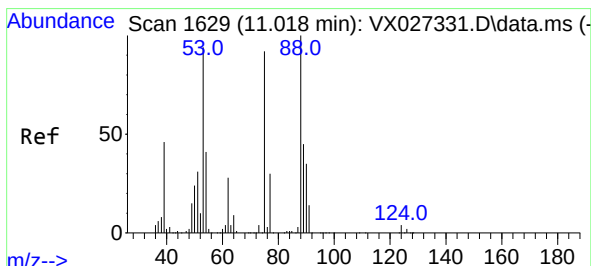
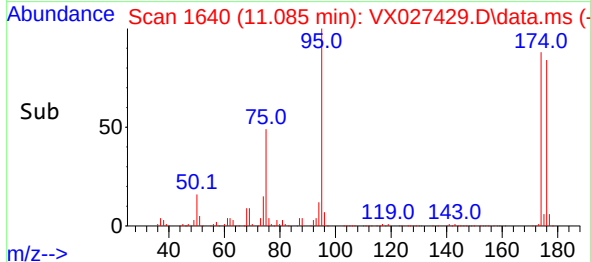
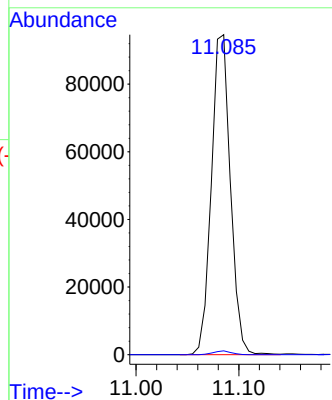
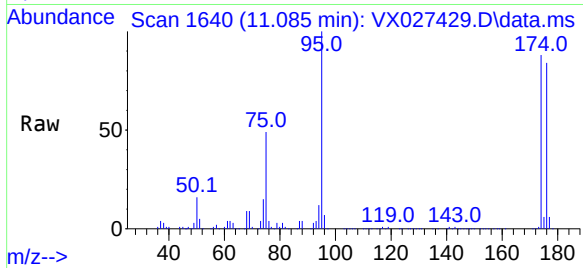




#76
1,2,3-Trichloropropane
Concen: 21.304 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 75 Resp: 121581
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.899 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027429.D
Acq: 14 Mar 2022 18:21

Tgt Ion: 75 Resp: 121581
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

