

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027928.D
 Acq On : 02 Apr 2022 13:12
 Operator : JC/MD
 Sample : N2172-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Apr 04 04:14:28 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)

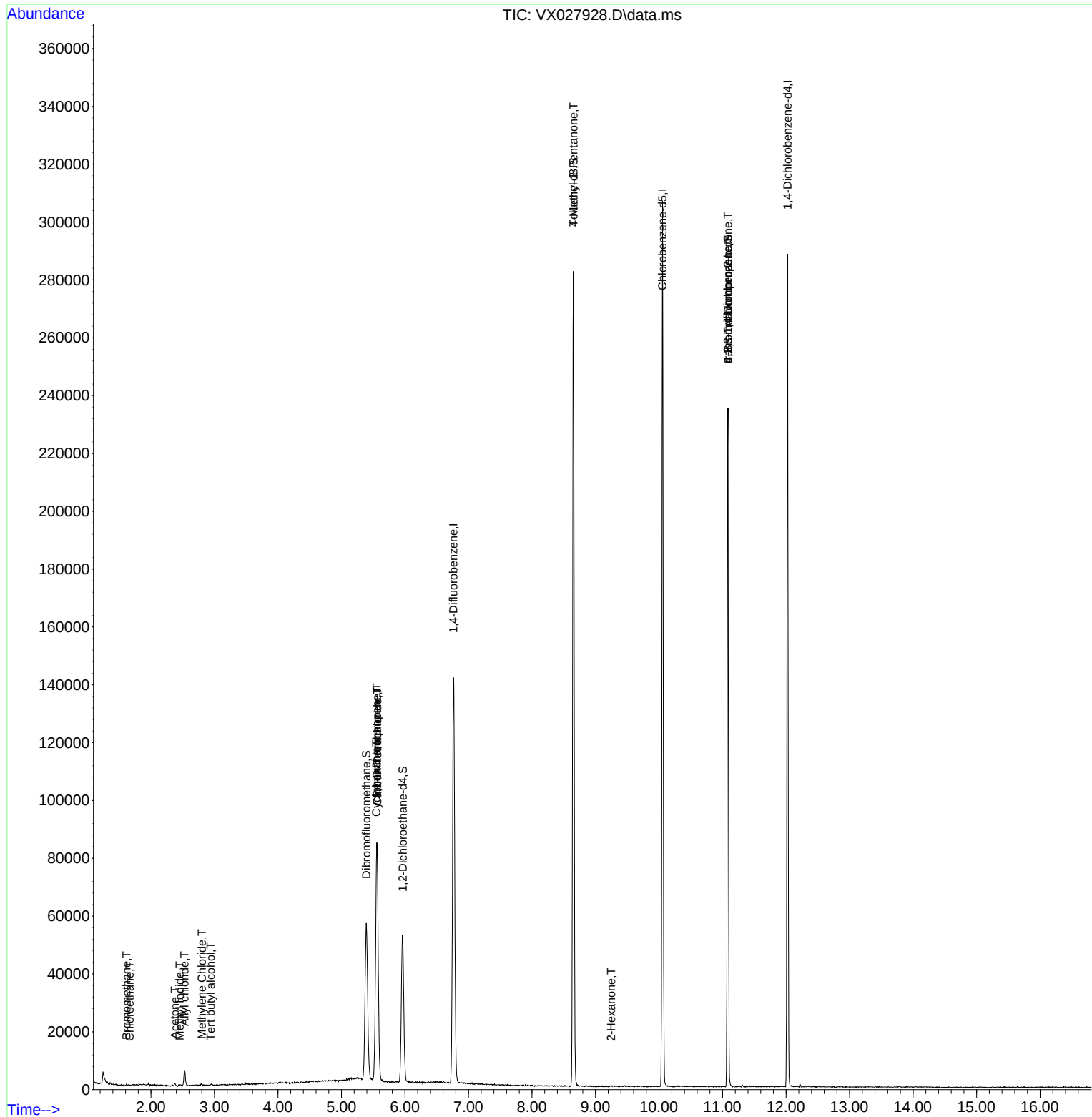
Internal Standards						
1) Pentafluorobenzene	5.556	168	79742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50269	48.857	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.720%
35) Dibromofluoromethane	5.391	113	47227	52.888	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.780%
50) Toluene-d8	8.653	98	165332	52.623	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.240%
62) 4-Bromofluorobenzene	11.085	95	63792	47.778	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	95	0.322	ug/l #	55
6) Chloroethane	1.666	64	157	0.356	ug/l #	43
10) Methyl Iodide	2.453	142	386	0.445	ug/l #	76
11) Tert butyl alcohol	2.941	59	218	1.103	ug/l #	72
14) Allyl chloride	2.526	41	419	0.333	ug/l #	55
16) Acetone	2.380	43	733	1.610	ug/l	98
20) Methylene Chloride	2.800	84	272	0.332	ug/l #	82
31) Cyclohexane	5.550	56	1679	1.476	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	6066	5.393	ug/l #	49
38) Carbon Tetrachloride	5.562	117	8105	6.523	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	729	0.471	ug/l #	1
59) 2-Hexanone	9.244	43	277	0.232	ug/l #	18
76) 1,2,3-Trichloropropane	11.085	75	34658	28.091	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	34658	82.046	ug/l #	15

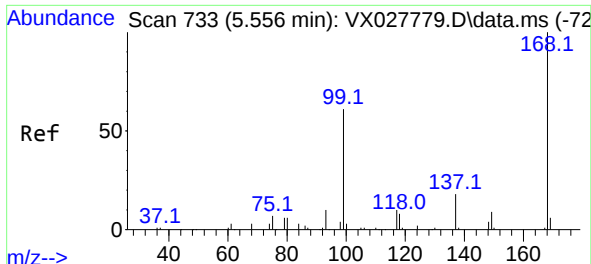
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
Data File : VX027928.D
Acq On : 02 Apr 2022 13:12
Operator : JC/MD
Sample : N2172-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Quant Time: Apr 04 04:14:28 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

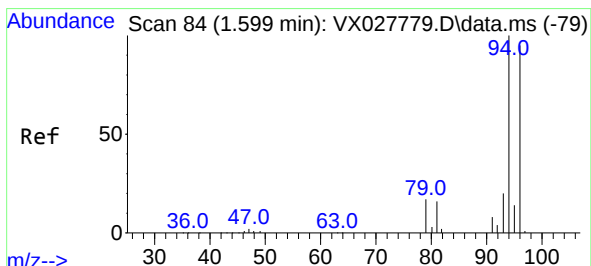
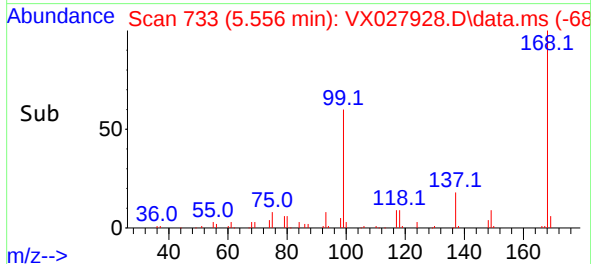
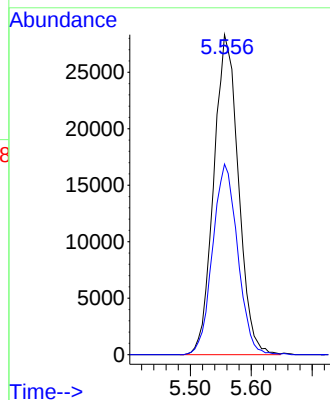
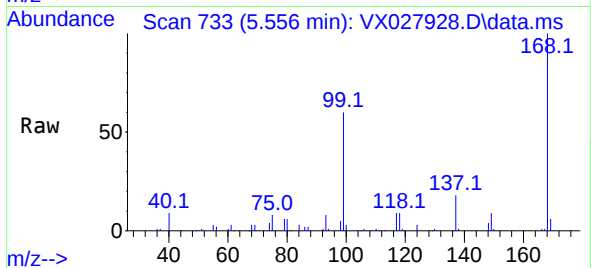




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

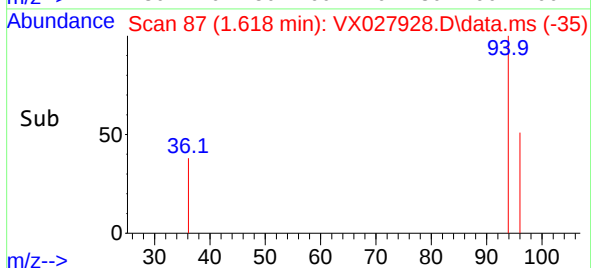
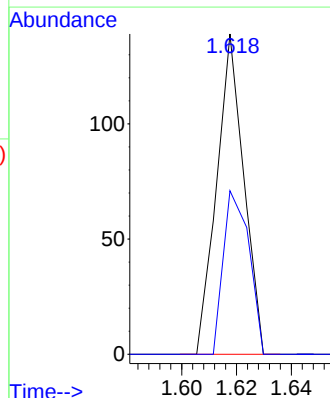
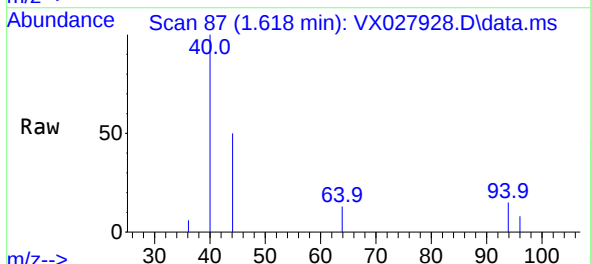
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion:168 Resp: 79742
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5

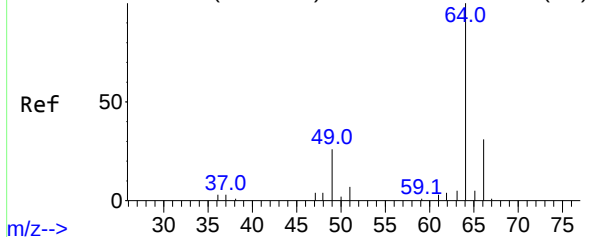


#5
Bromomethane
Concen: 0.322 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

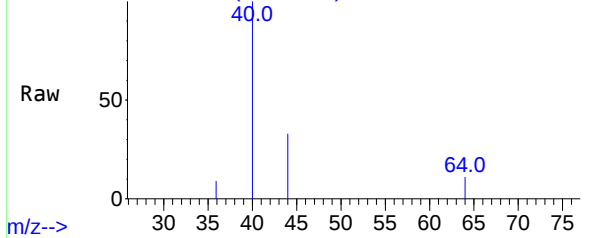
Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 51.1 75.3 112.9#



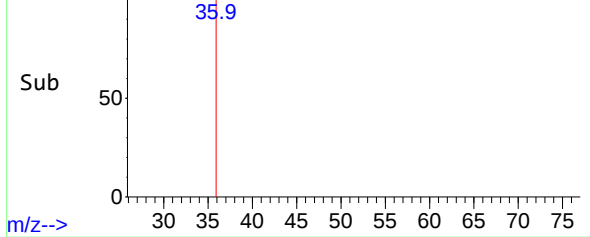
Abundance Scan 97 (1.678 min): VX027779.D\data.ms (-90)



Abundance Scan 95 (1.666 min): VX027928.D\data.ms



Abundance Scan 95 (1.666 min): VX027928.D\data.ms (-48)



#6

Chloroethane

Concen: 0.356 ug/l

RT: 1.666 min Scan# 91

Delta R.T. -0.012 min

Lab File: VX027928.D

Acq: 02 Apr 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

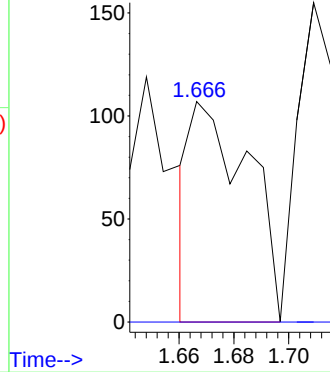
Tgt Ion: 64 Resp: 157

Ion Ratio Lower Upper

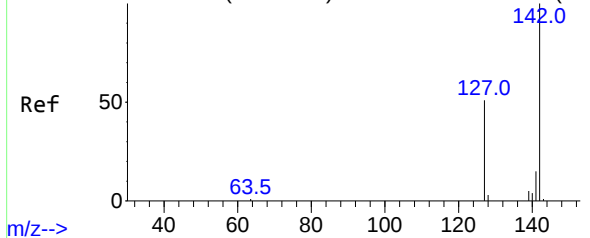
64 100

66 0.0 25.3 37.9#

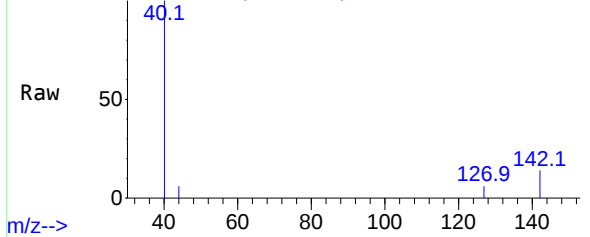
Abundance



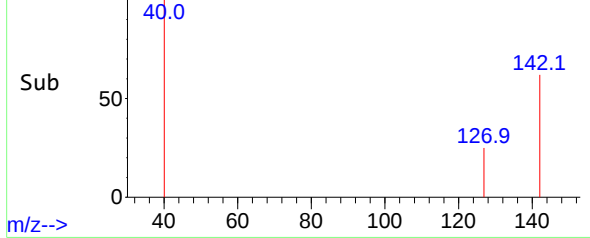
Abundance Scan 224 (2.453 min): VX027779.D\data.ms (-21)



Abundance Scan 224 (2.453 min): VX027928.D\data.ms



Abundance Scan 224 (2.453 min): VX027928.D\data.ms (-17)



#10

Methyl Iodide

Concen: 0.445 ug/l

RT: 2.453 min Scan# 224

Delta R.T. -0.000 min

Lab File: VX027928.D

Acq: 02 Apr 2022 13:12

Tgt Ion: 142 Resp: 386

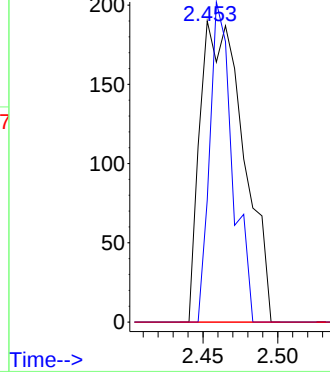
Ion Ratio Lower Upper

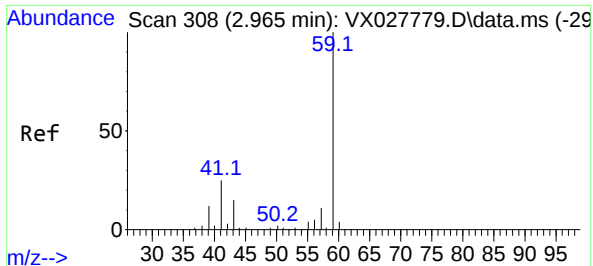
142 100

127 55.4 33.9 50.9#

141 0.0 11.4 17.2#

Abundance





#11

Tert butyl alcohol

Concen: 1.103 ug/l

RT: 2.941 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX027928.D

Acq: 02 Apr 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

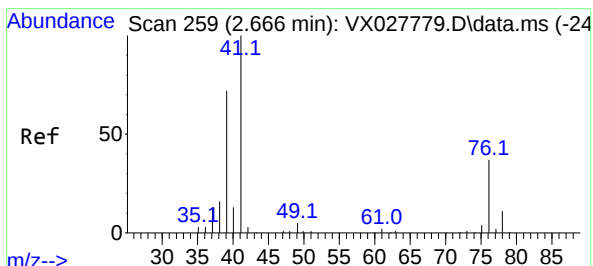
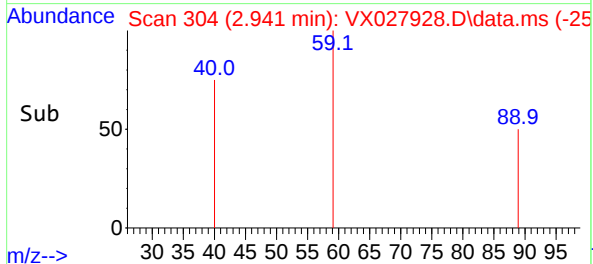
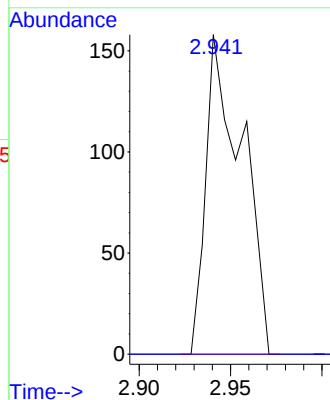
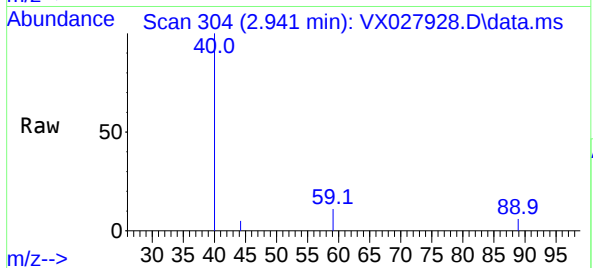
MW-1R

Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.333 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027928.D

Acq: 02 Apr 2022 13:12

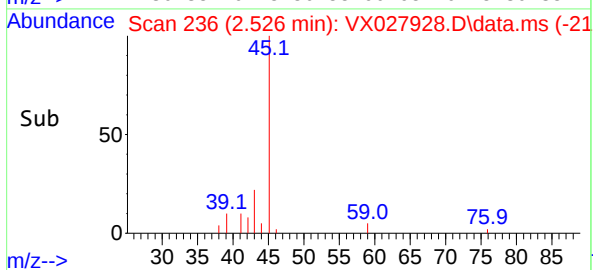
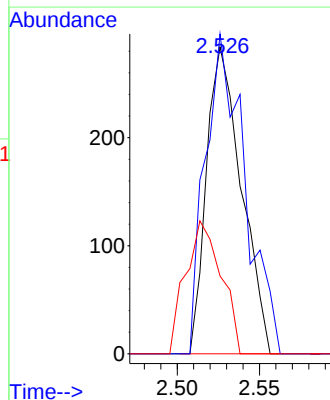
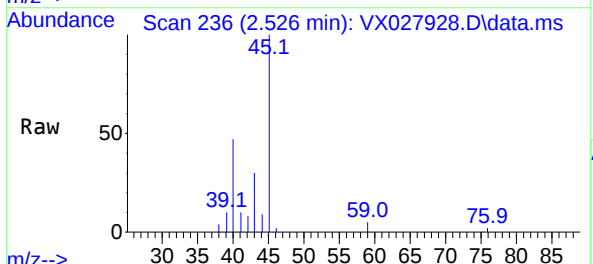
Tgt Ion: 41 Resp: 419

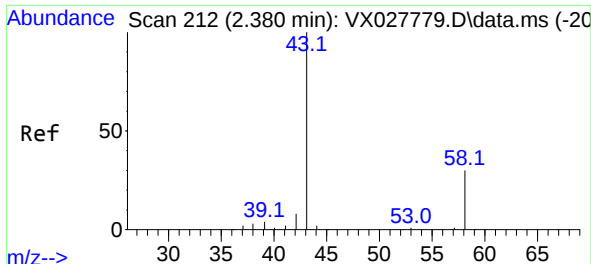
Ion Ratio Lower Upper

41 100

39 117.9 50.4 75.6#

76 44.2 32.7 49.1

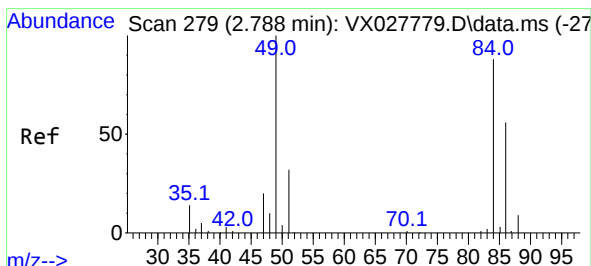
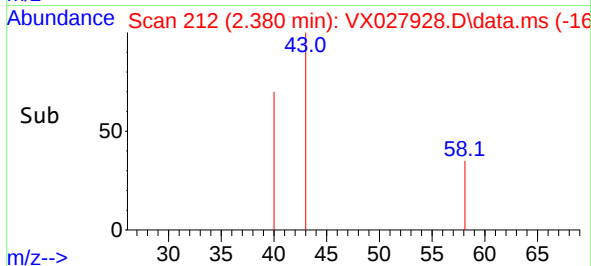
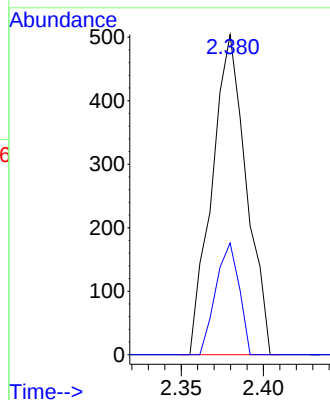
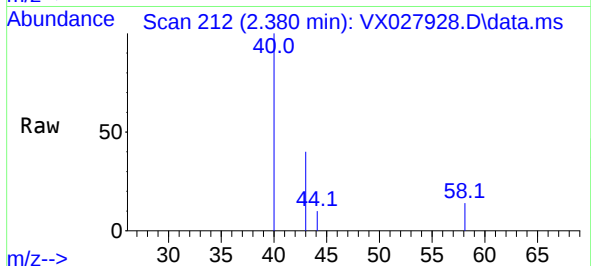




#16
Acetone
Concen: 1.610 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

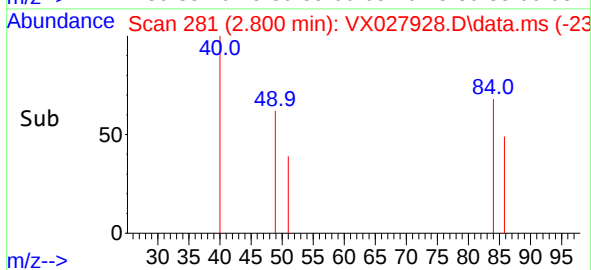
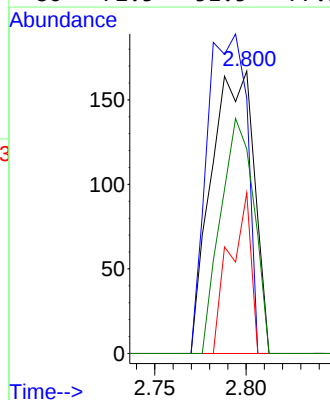
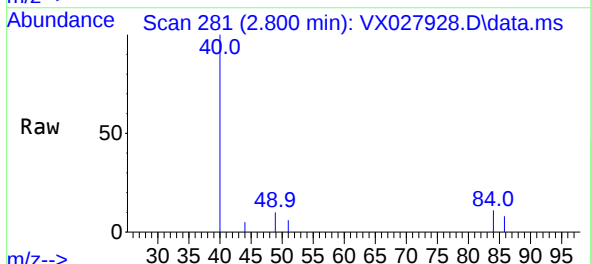
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

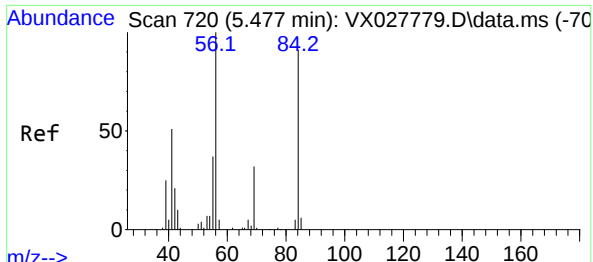
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2



#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

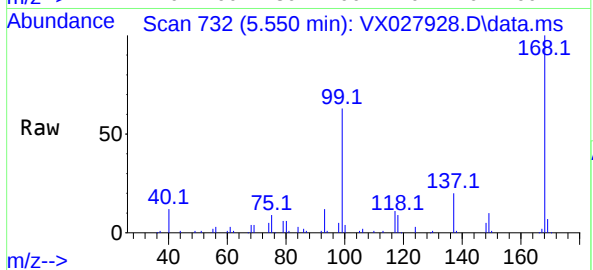
Tgt Ion: 84 Resp: 272
Ion Ratio Lower Upper
84 100
49 90.4 85.5 128.3
51 56.9 26.6 39.8#
86 72.5 51.5 77.3



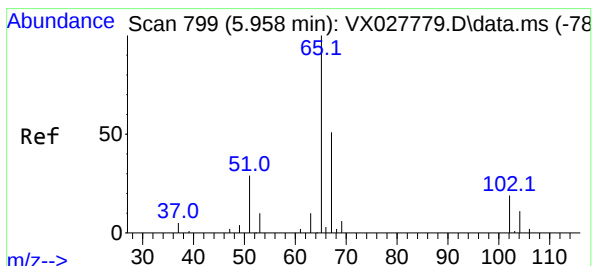
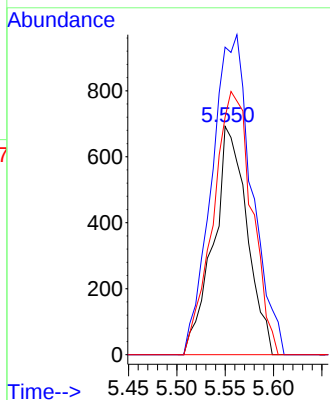
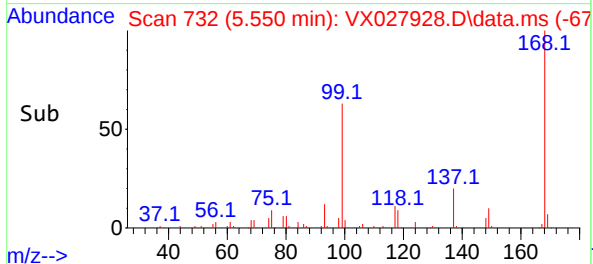


#31
Cyclohexane
Concen: 1.476 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

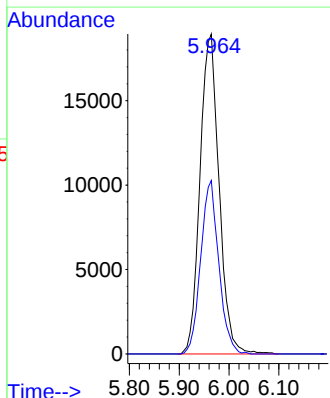
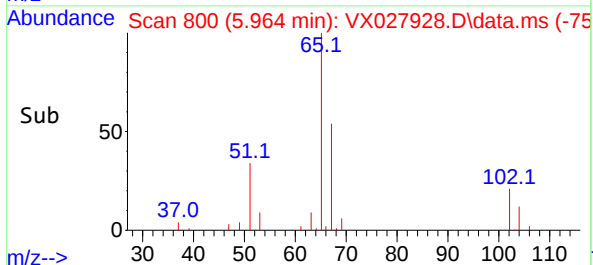
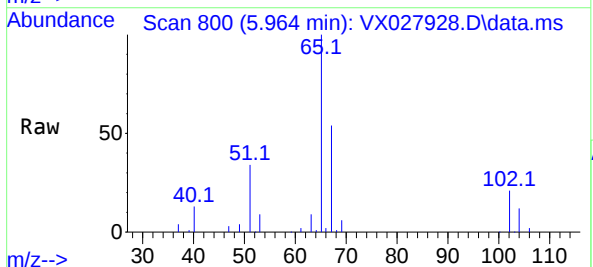


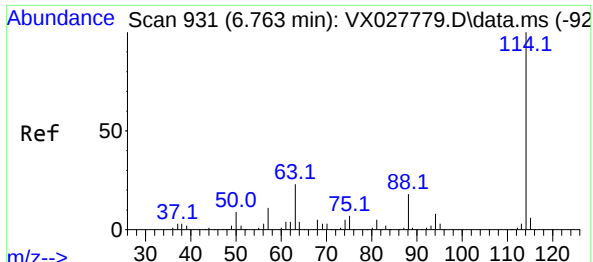
Tgt Ion: 56 Resp: 1679
Ion Ratio Lower Upper
56 100
69 134.7 26.7 40.1#
84 104.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 48.857 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

Tgt Ion: 65 Resp: 50269
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX027928.D

Acq: 02 Apr 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

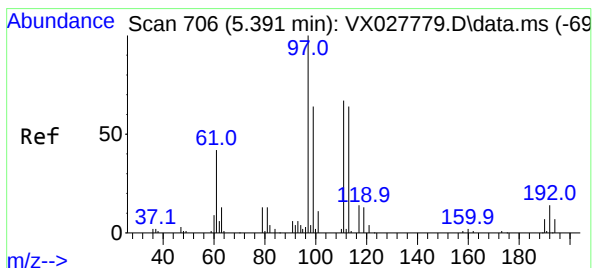
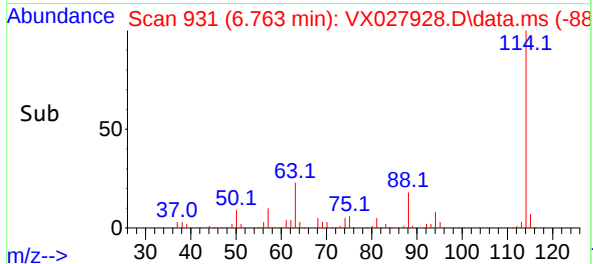
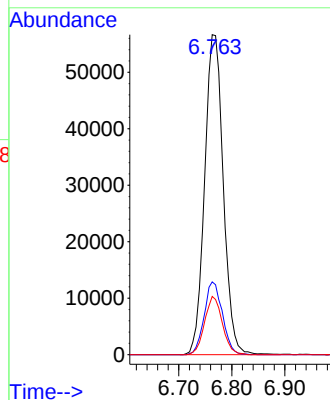
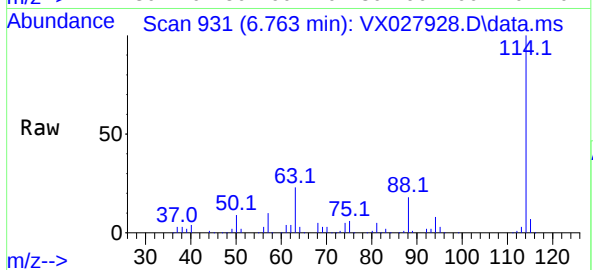
Tgt Ion:114 Resp: 138342

Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.8

88 18.2 0.0 32.4



#35

Dibromofluoromethane

Concen: 52.888 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027928.D

Acq: 02 Apr 2022 13:12

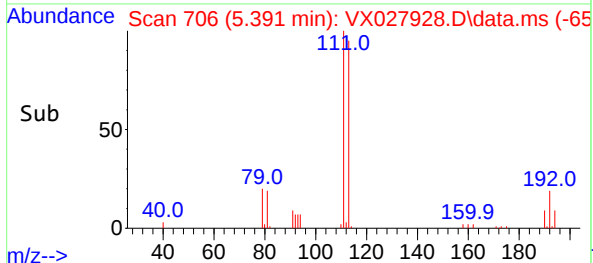
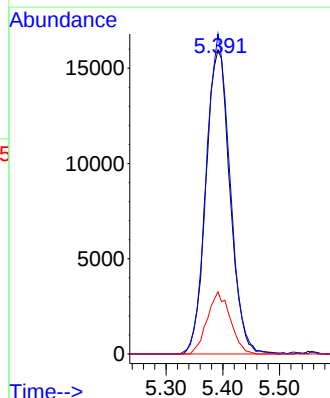
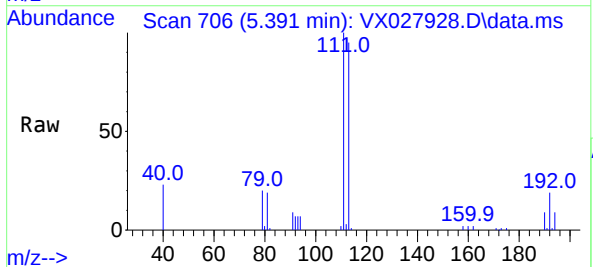
Tgt Ion:113 Resp: 47227

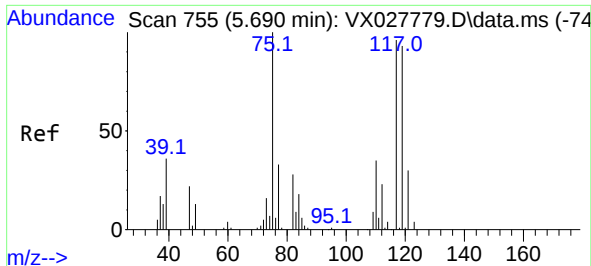
Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 19.4 16.9 25.3

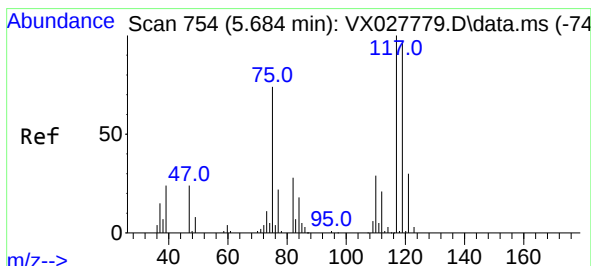
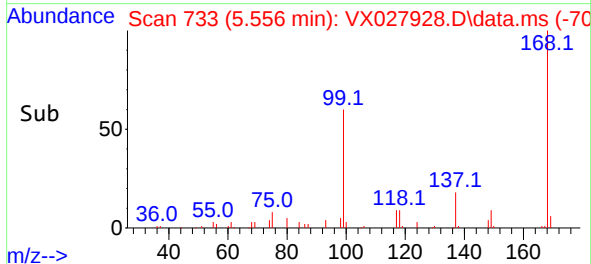
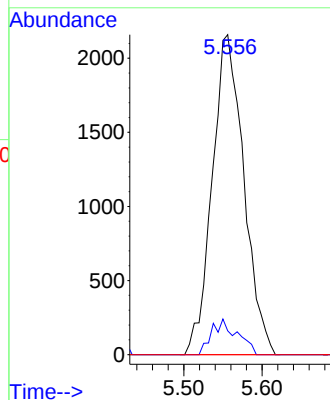
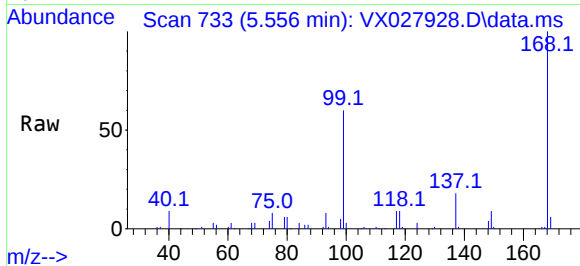




#36
1,1-Dichloropropene
Concen: 5.393 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

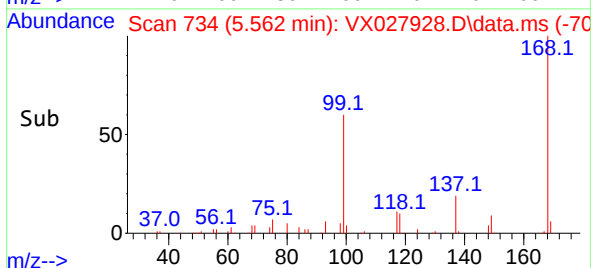
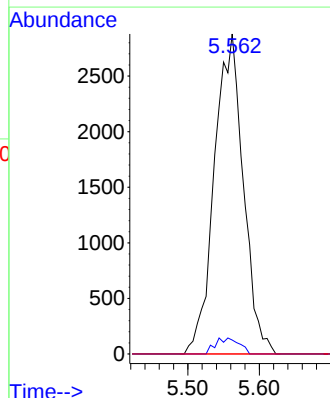
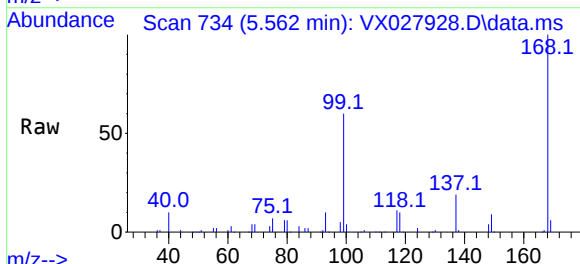
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

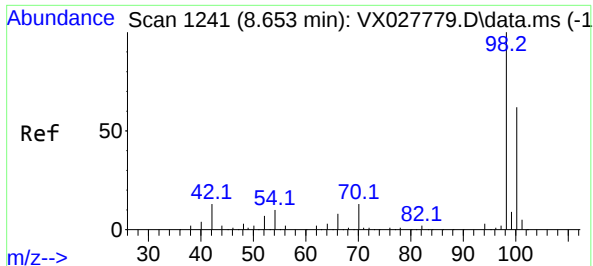
Tgt Ion: 75 Resp: 6066
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.523 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

Tgt Ion: 117 Resp: 8105
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

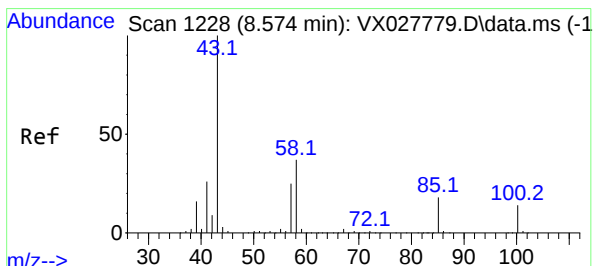
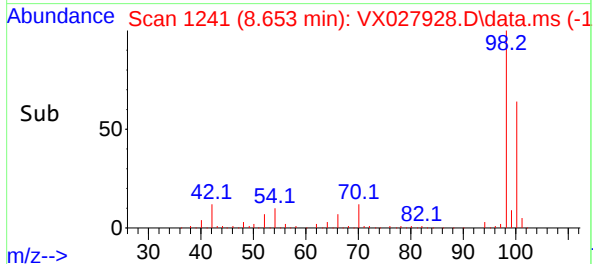
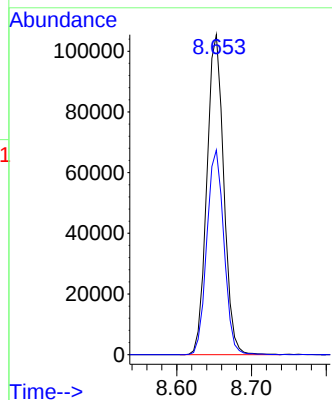
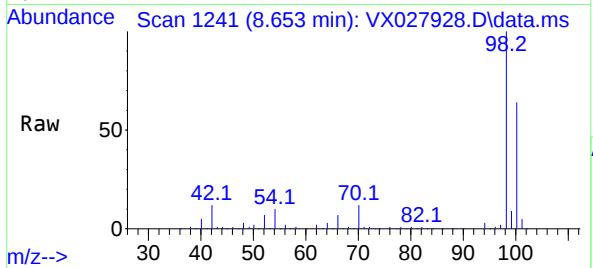




#50
Toluene-d8
Concen: 52.623 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

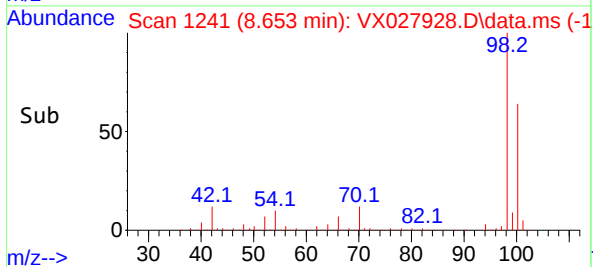
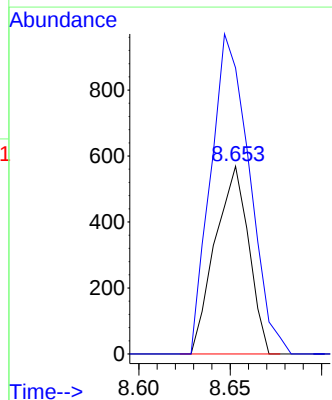
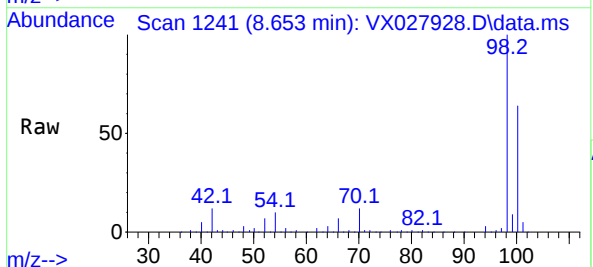
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

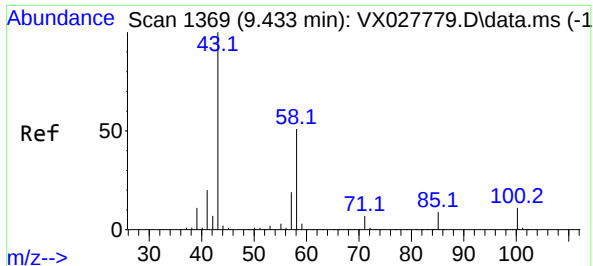
Tgt Ion: 98 Resp: 165332
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 195.3 36.1 54.1#

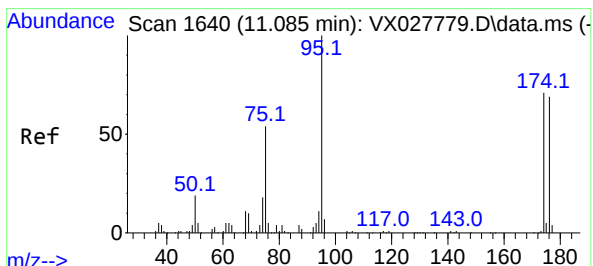
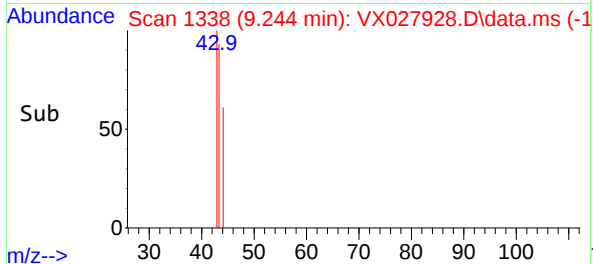
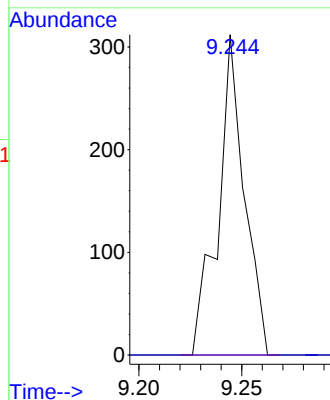
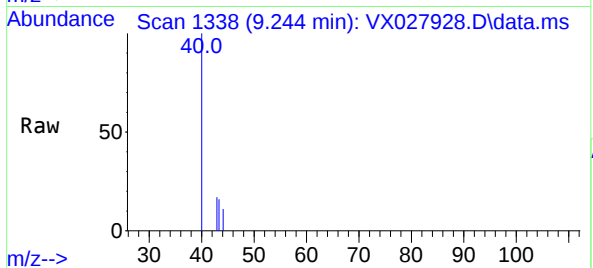




#59
2-Hexanone
Concen: 0.232 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.189 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

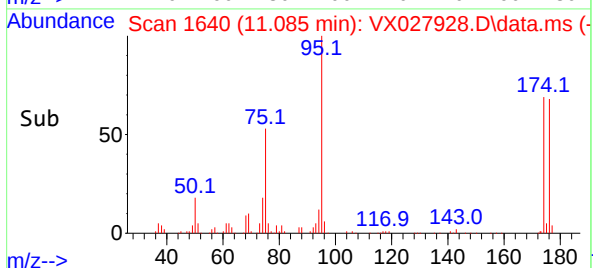
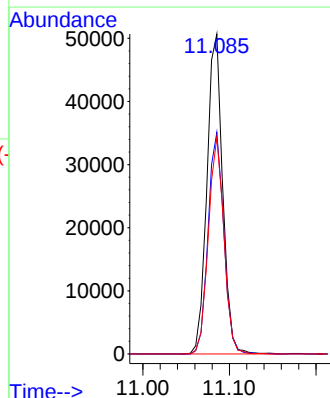
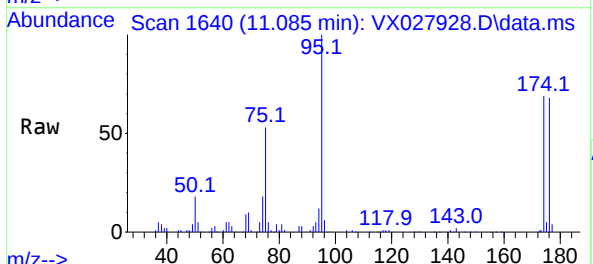
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

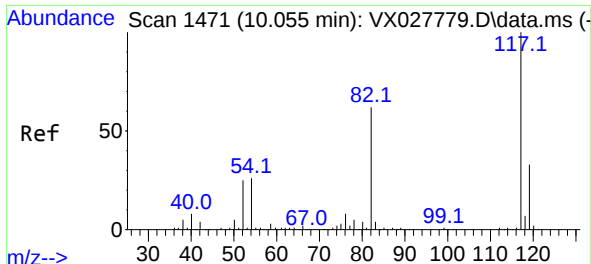
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 0.0 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 47.778 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

Tgt Ion: 95 Resp: 63792
Ion Ratio Lower Upper
95 100
174 69.4 0.0 163.0
176 67.1 0.0 155.0

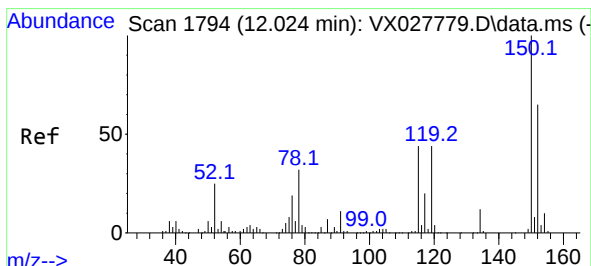
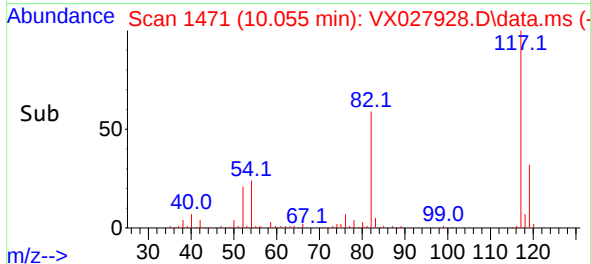
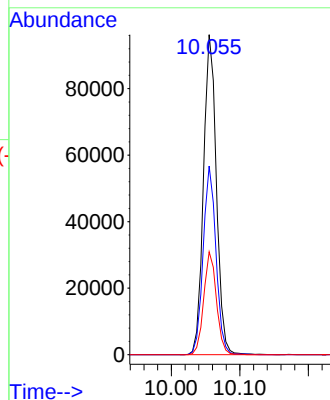
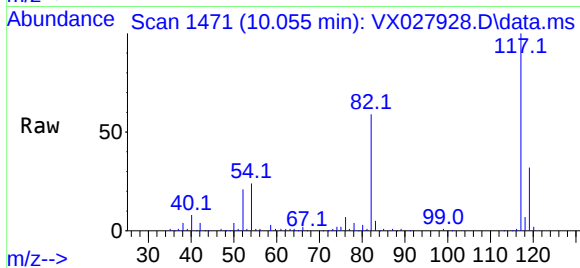




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

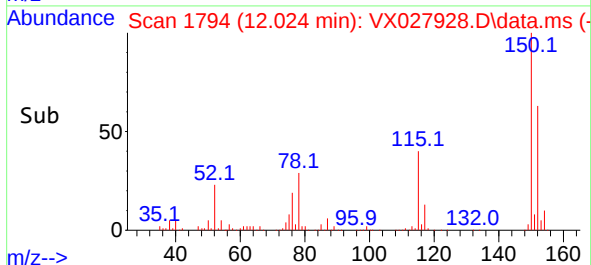
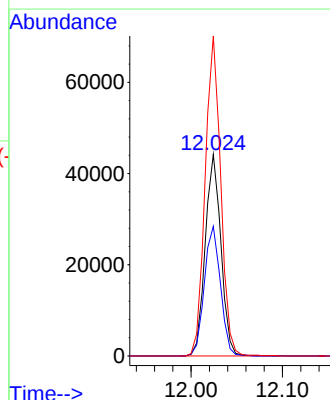
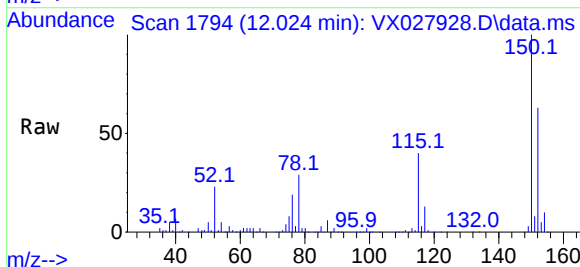
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

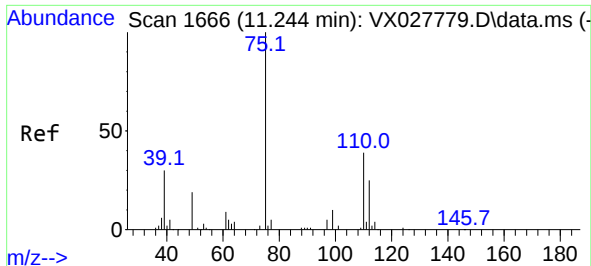
Tgt Ion:117 Resp: 126281
Ion Ratio Lower Upper
117 100
82 58.9 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

Tgt Ion:152 Resp: 52594
Ion Ratio Lower Upper
152 100
115 65.9 37.5 112.7
150 157.2 0.0 338.2

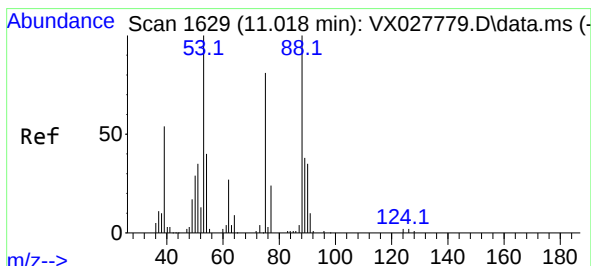
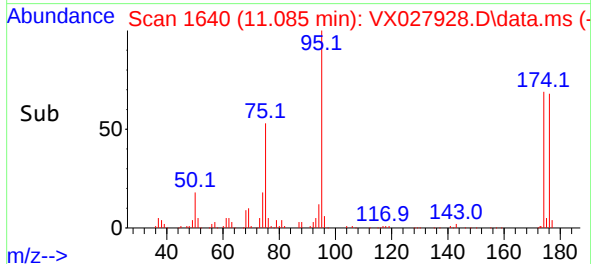
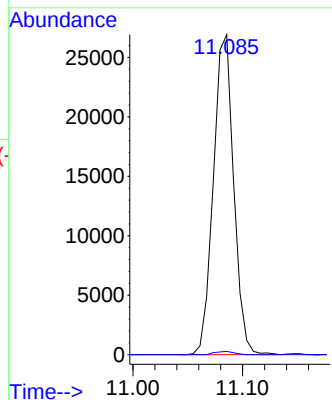
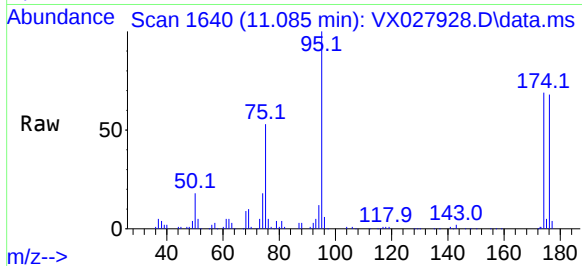




#76
1,2,3-Trichloropropane
Concen: 28.091 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-1R

Tgt Ion: 75 Resp: 34658
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.046 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027928.D
Acq: 02 Apr 2022 13:12

Tgt Ion: 75 Resp: 34658
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

