

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028729.D
 Acq On : 16 May 2022 14:21
 Operator : JC/MD
 Sample : N2862-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: May 17 03:36:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

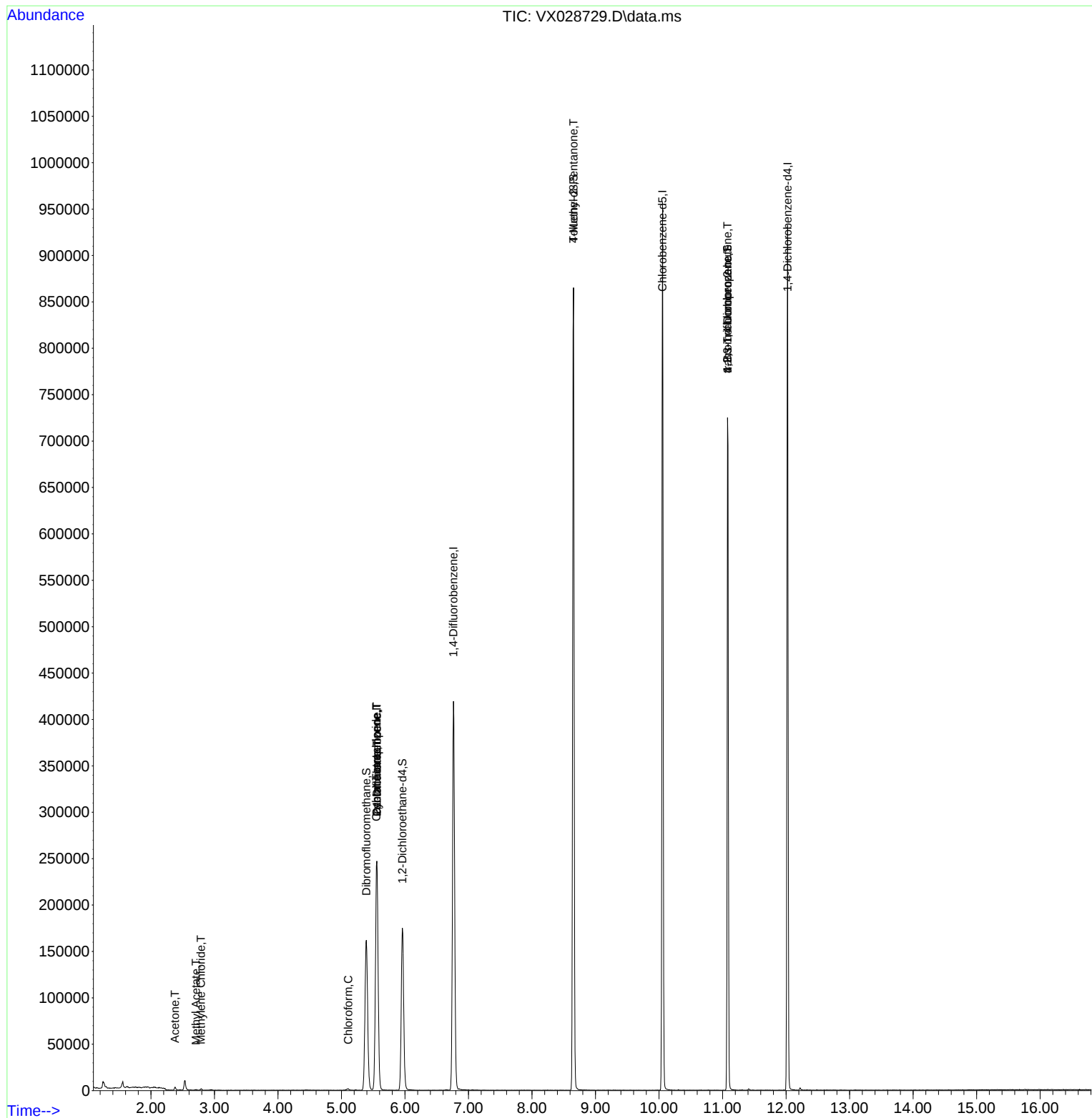
Internal Standards						
1) Pentafluorobenzene	5.556	168	230419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	424238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166379	52.676	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.360%	
35) Dibromofluoromethane	5.391	113	141606	50.946	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.900%	
50) Toluene-d8	8.653	98	512451	48.901	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	11.079	95	189215	48.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	587	Below Cal	#	79
6) Chloroethane	1.685	64	660	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	307	Below Cal	#	72
16) Acetone	2.380	43	3391	2.502	ug/l	90
18) Methyl Acetate	2.709	43	809	0.238	ug/l #	73
20) Methylene Chloride	2.788	84	636	0.224	ug/l #	82
30) Chloroform	5.105	83	1739	0.338	ug/l	95
31) Cyclohexane	5.556	56	5260	1.200	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	19622	4.700	ug/l #	48
38) Carbon Tetrachloride	5.550	117	24113	5.739	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	2450	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	101977	23.958	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	101977	69.811	ug/l #	15

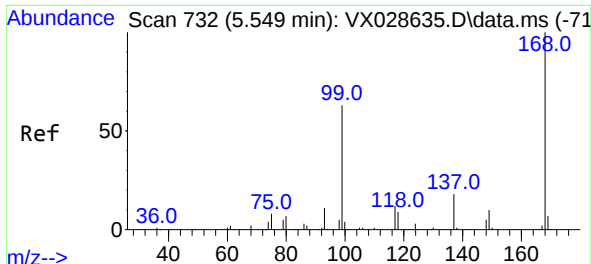
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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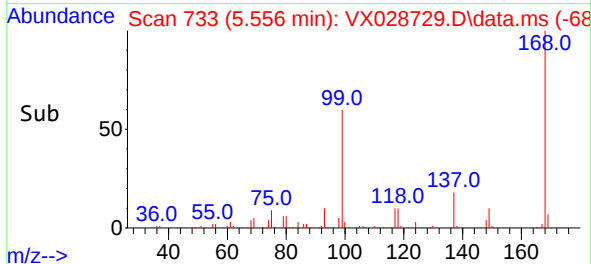
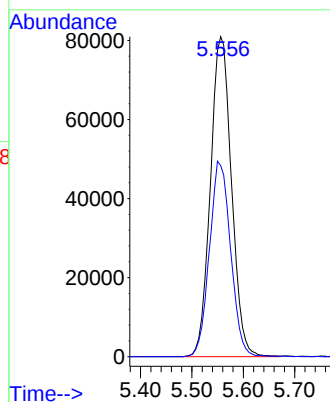
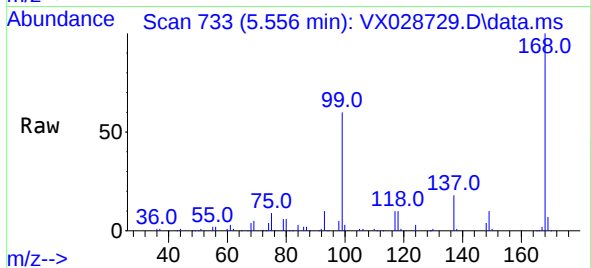




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

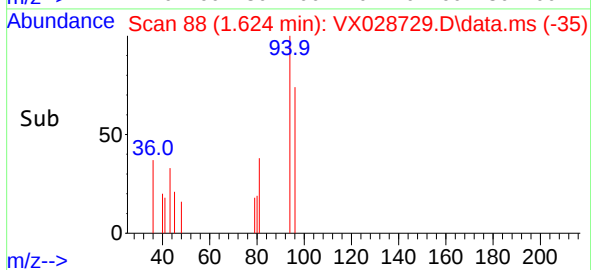
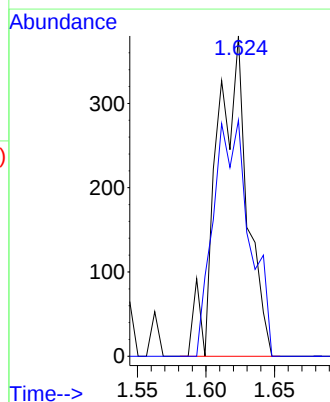
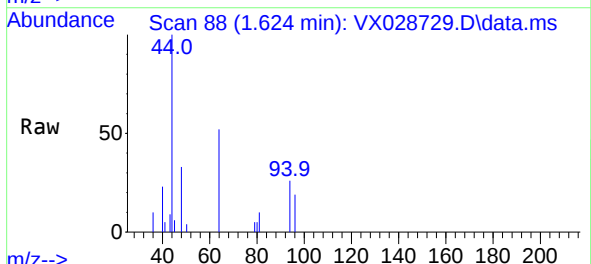
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion:168 Resp: 230419
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5

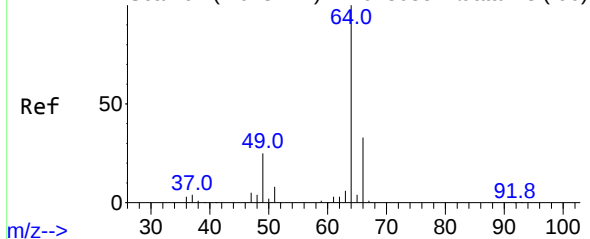


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Tgt Ion: 94 Resp: 587
Ion Ratio Lower Upper
94 100
96 73.7 75.3 112.9#



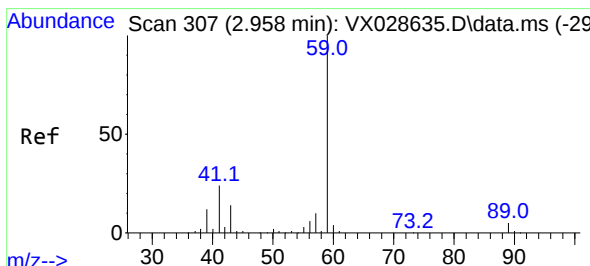
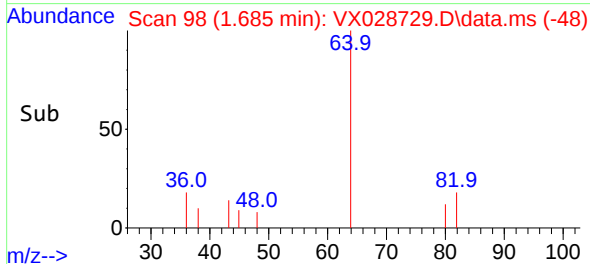
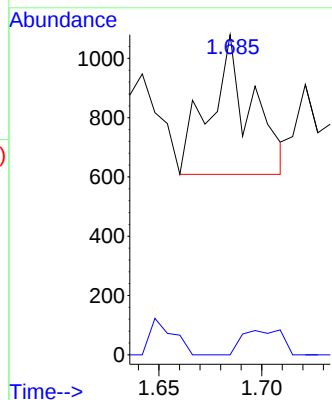
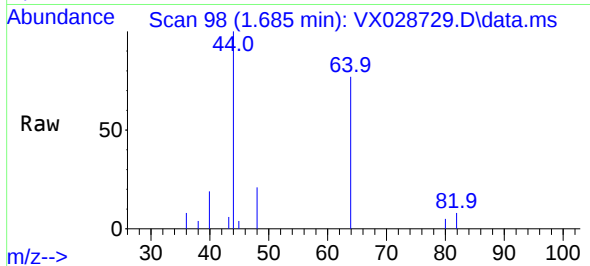
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

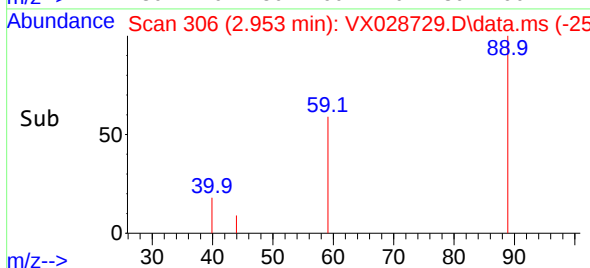
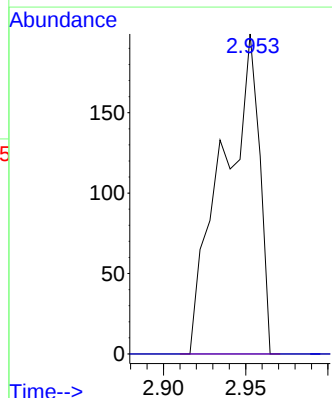
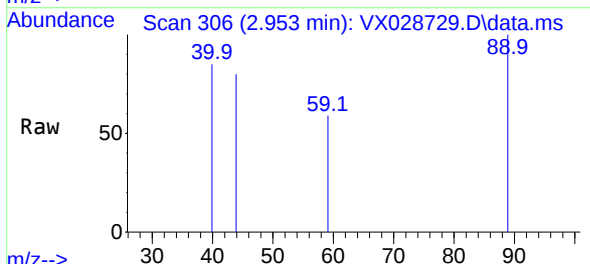
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

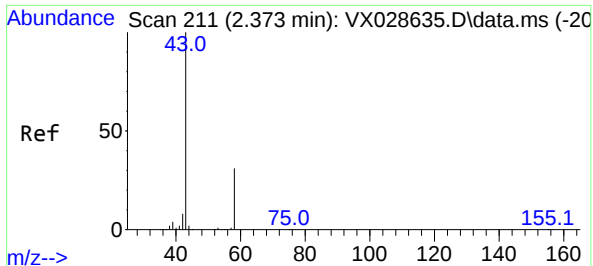
Tgt Ion: 64 Resp: 660
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

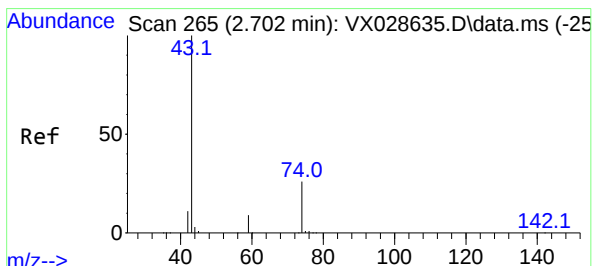
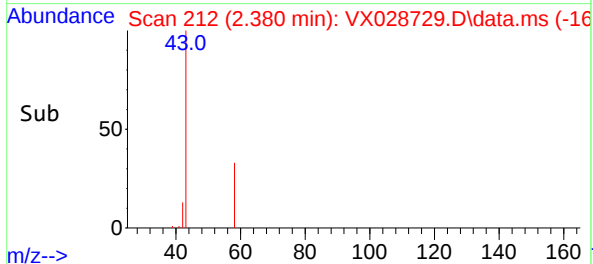
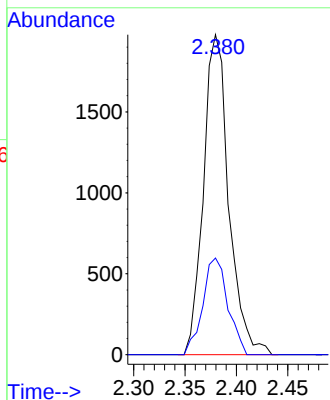
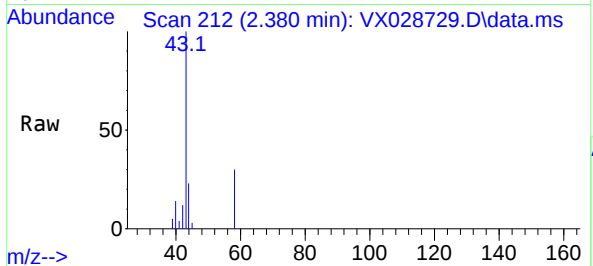




#16
Acetone
Concen: 2.502 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

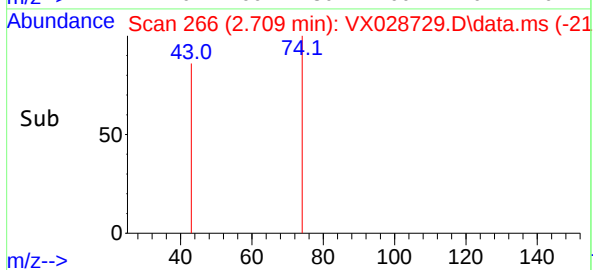
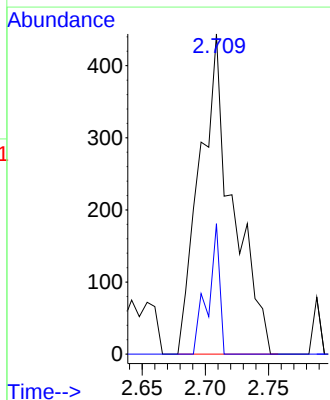
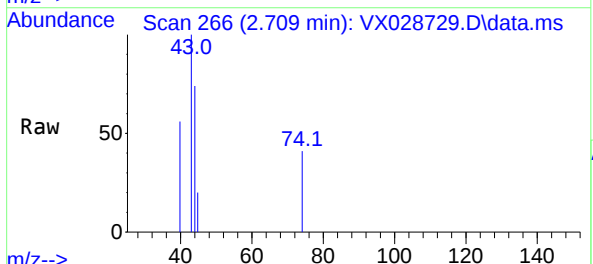
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

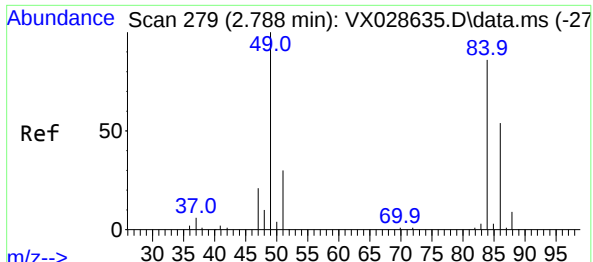
Tgt Ion: 43 Resp: 3391
Ion Ratio Lower Upper
43 100
58 30.2 28.8 43.2



#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
74 14.3 22.8 34.2#





#20

Methylene Chloride

Concen: 0.224 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028729.D

Acq: 16 May 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

Tgt Ion: 84 Resp: 636

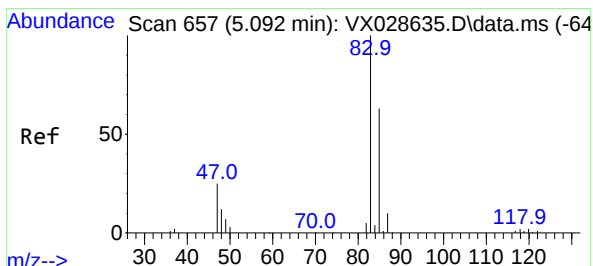
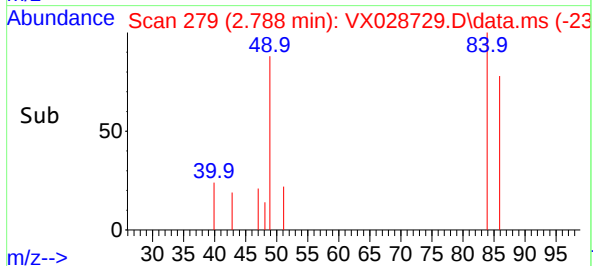
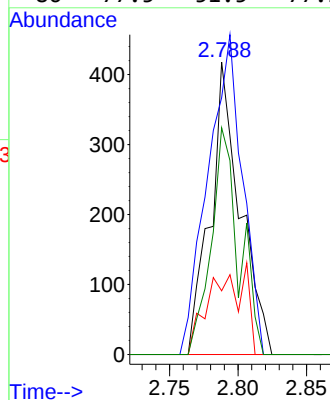
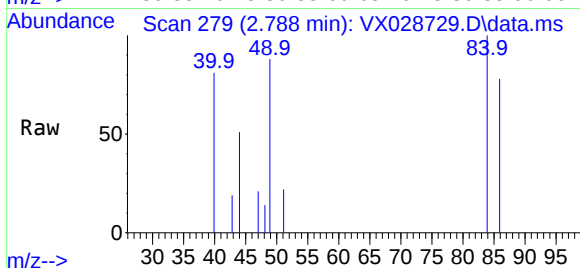
Ion Ratio Lower Upper

84 100

49 87.8 85.5 128.3

51 21.8 26.6 39.8#

86 77.5 51.5 77.3#



#30

Chloroform

Concen: 0.338 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.013 min

Lab File: VX028729.D

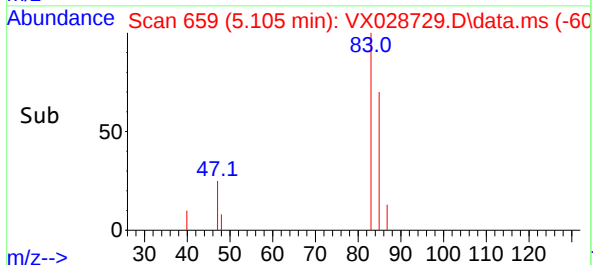
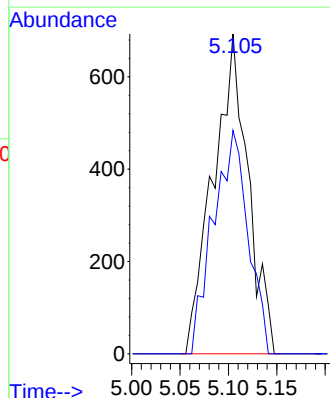
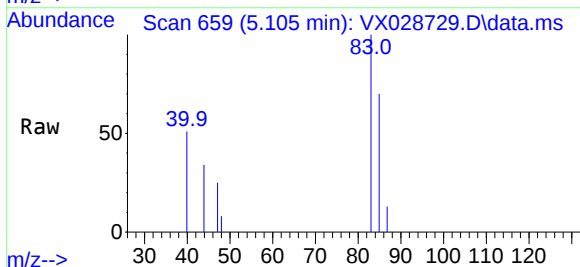
Acq: 16 May 2022 14:21

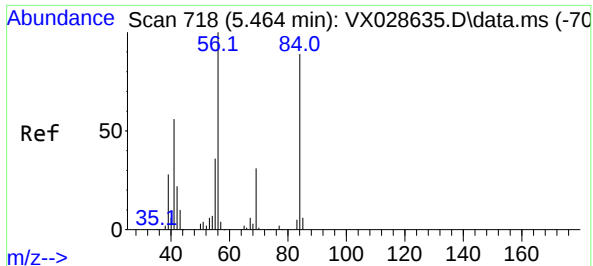
Tgt Ion: 83 Resp: 1739

Ion Ratio Lower Upper

83 100

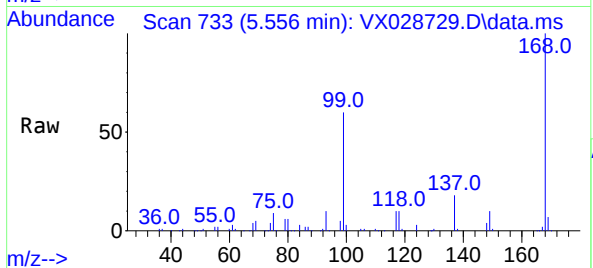
85 69.8 52.7 79.1



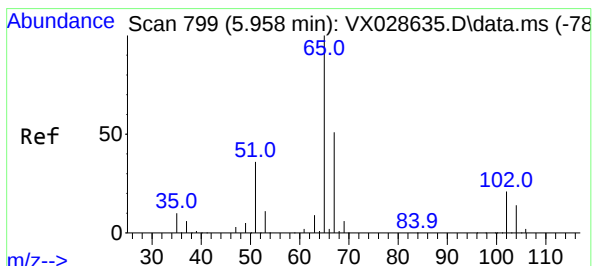
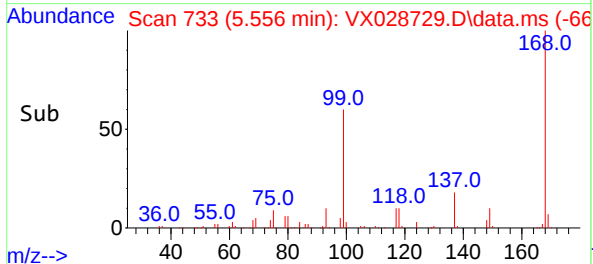
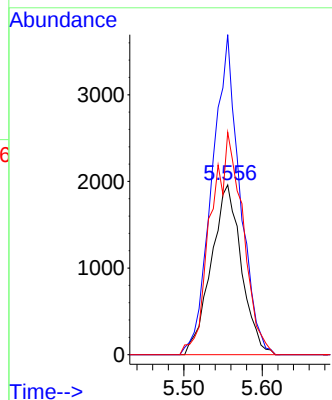


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

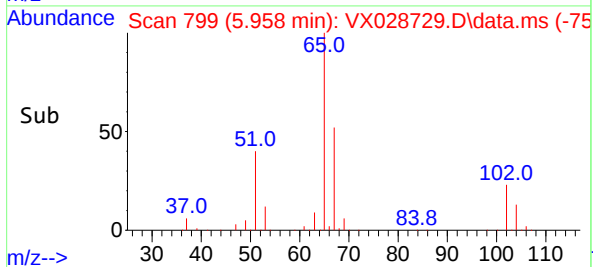
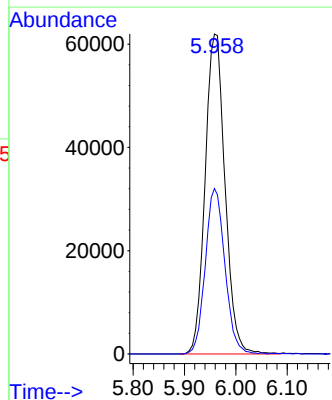
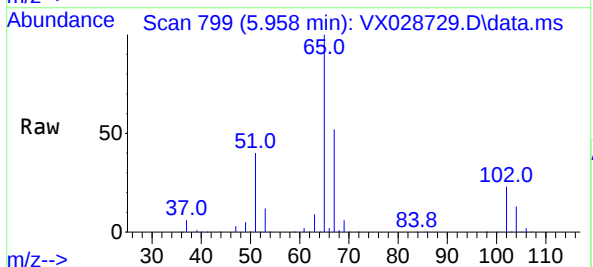


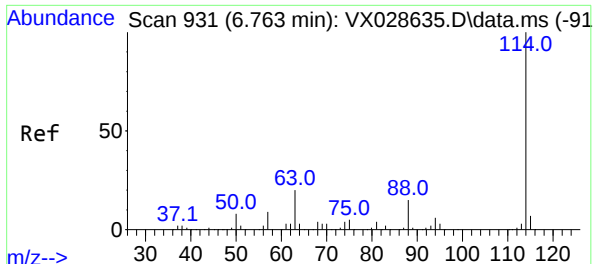
Tgt Ion: 56 Resp: 5260
Ion Ratio Lower Upper
56 100
69 188.5 26.7 40.1#
84 131.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.676 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Tgt Ion: 65 Resp: 166379
Ion Ratio Lower Upper
65 100
67 50.9 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: VX028729.D

Acq: 16 May 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

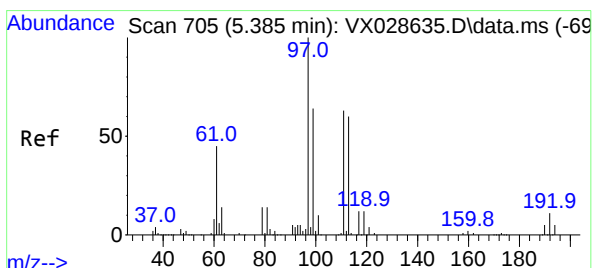
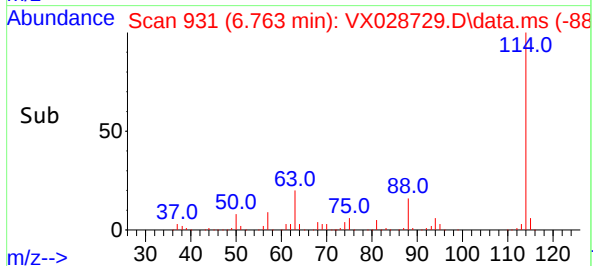
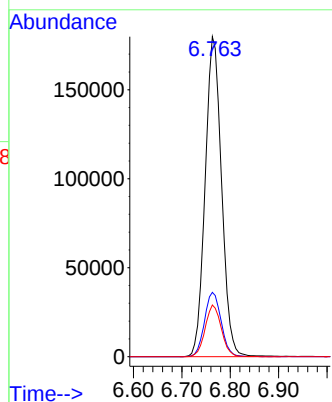
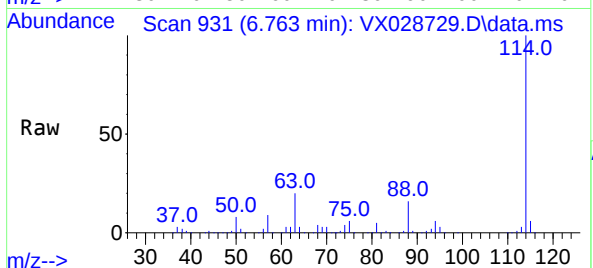
Tgt Ion:114 Resp: 424238

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 16.2 0.0 32.4



#35

Dibromofluoromethane

Concen: 50.946 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX028729.D

Acq: 16 May 2022 14:21

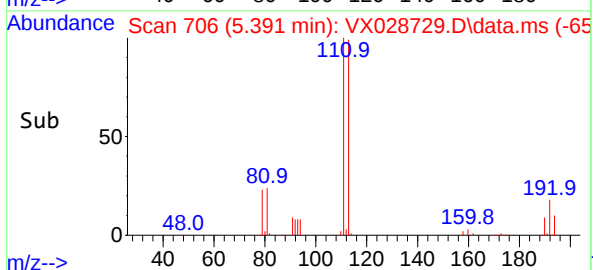
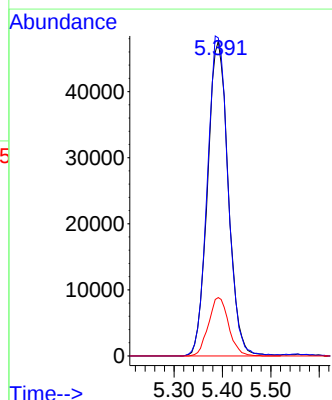
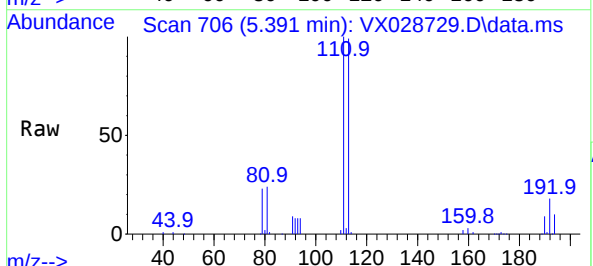
Tgt Ion:113 Resp: 141606

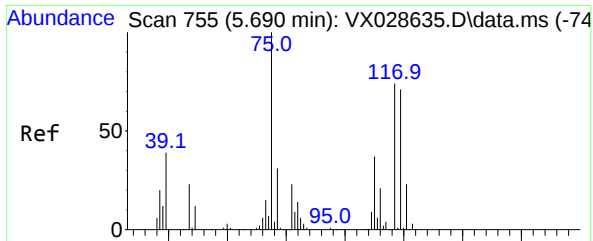
Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 18.1 16.9 25.3

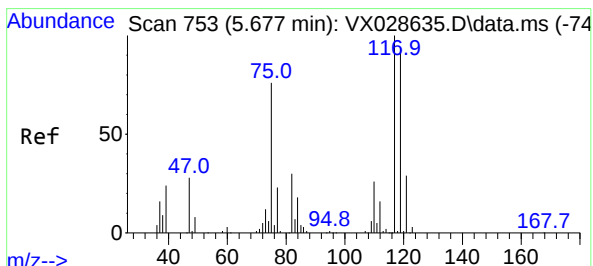
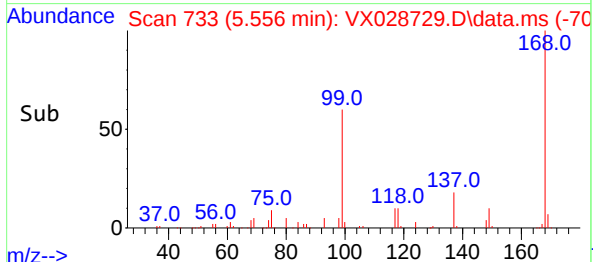
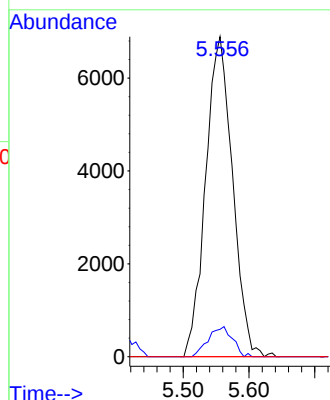
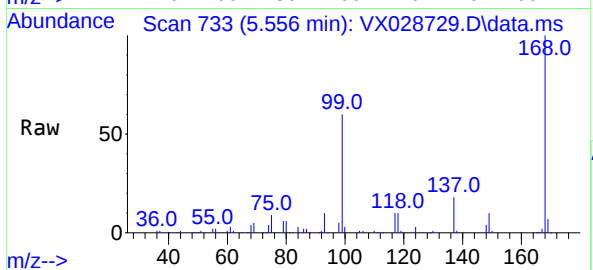




#36
1,1-Dichloropropene
Concen: 4.700 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

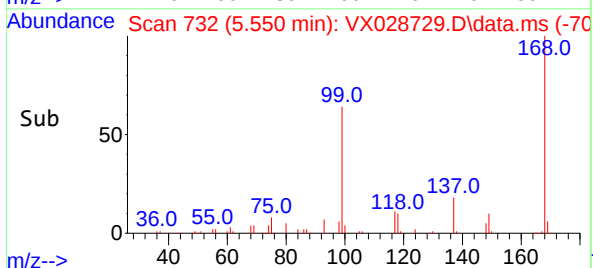
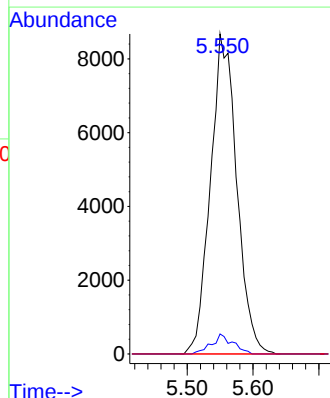
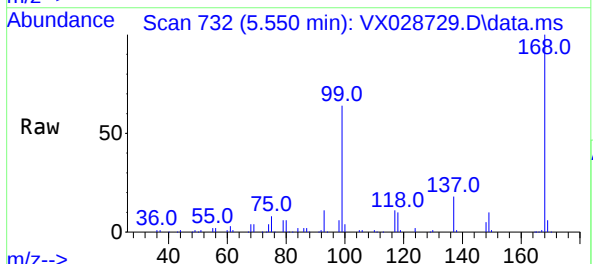
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

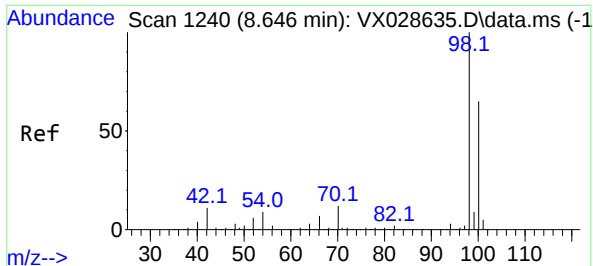
Tgt Ion: 75 Resp: 19622
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Tgt Ion: 117 Resp: 24113
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.2 36.2#

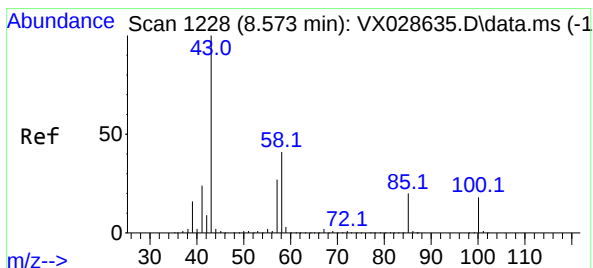
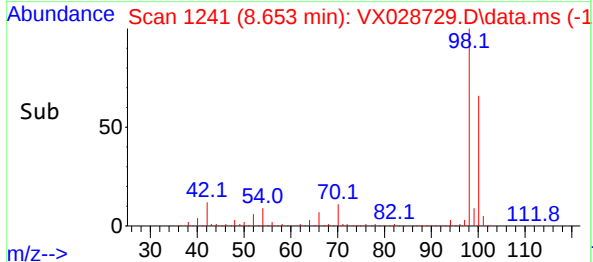
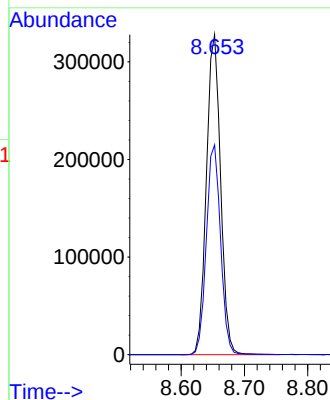
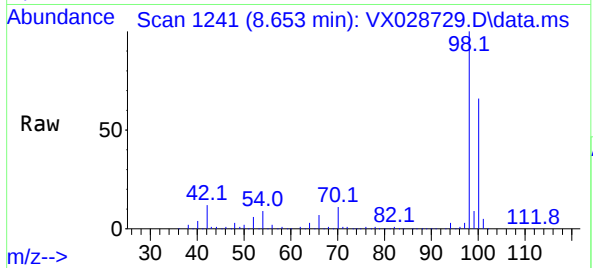




#50
Toluene-d8
Concen: 48.901 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

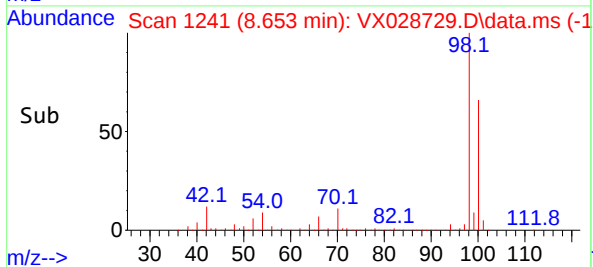
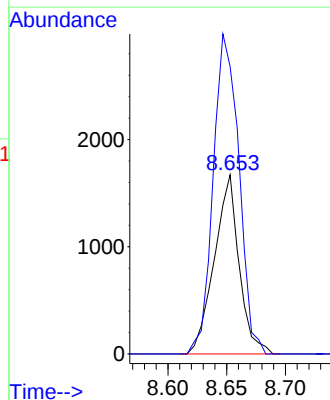
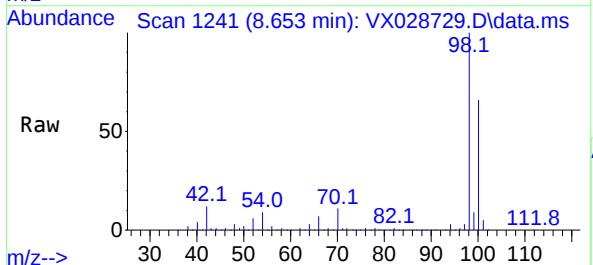
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

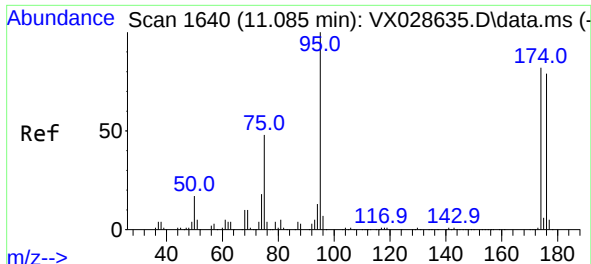
Tgt Ion: 98 Resp: 512451
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
58 185.1 36.1 54.1#

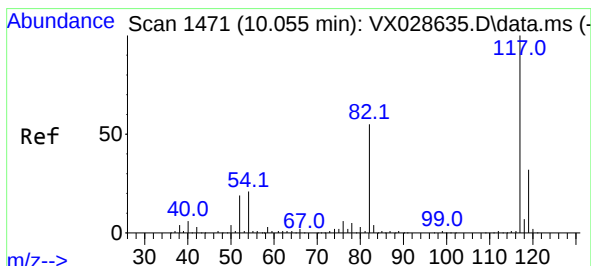
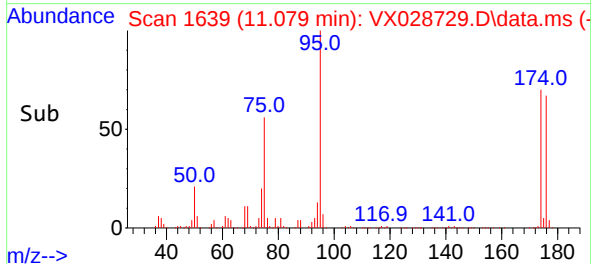
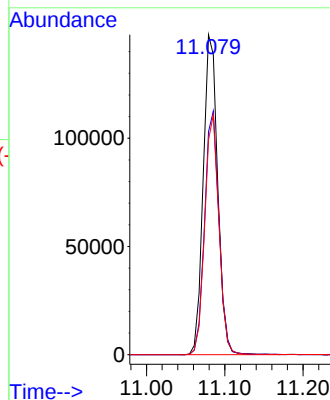
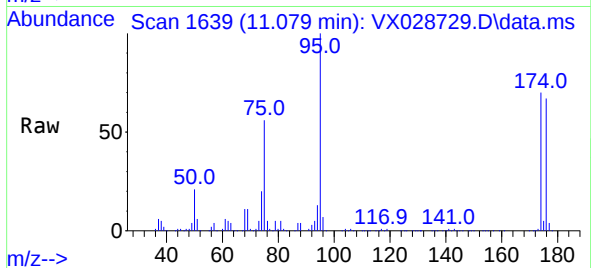




#62
4-Bromofluorobenzene
Concen: 48.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

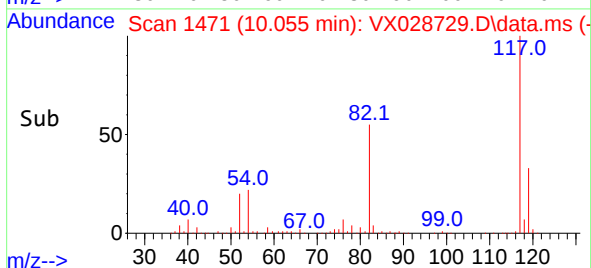
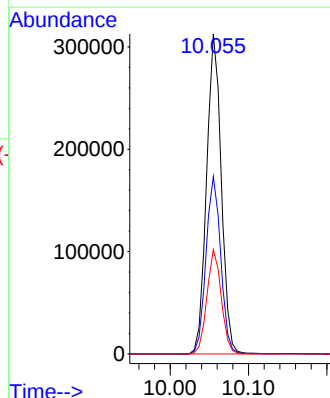
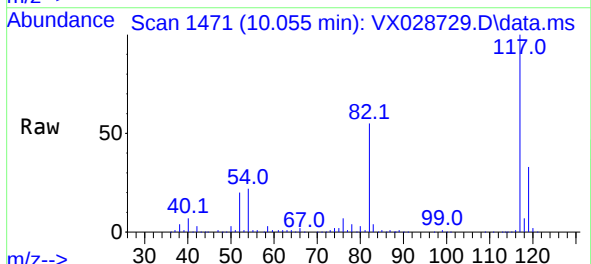
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

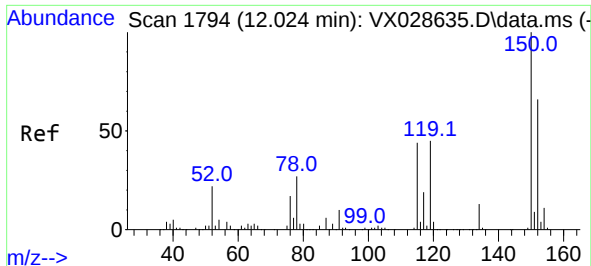
Tgt Ion: 95 Resp: 189215
Ion Ratio Lower Upper
95 100
174 75.7 0.0 163.0
176 73.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Tgt Ion: 117 Resp: 407314
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.7 24.8 37.2

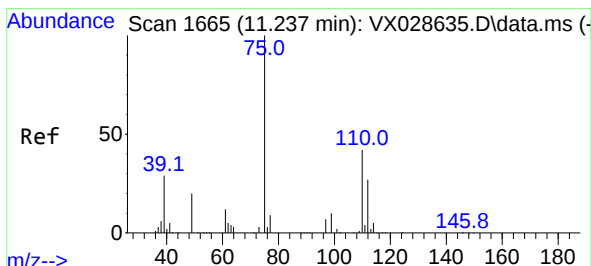
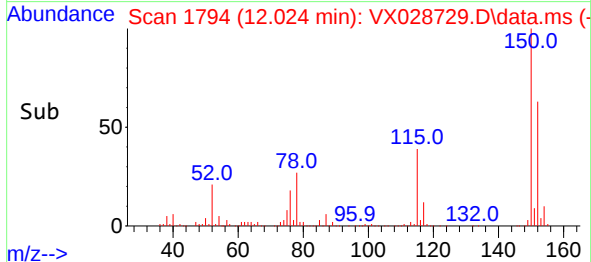
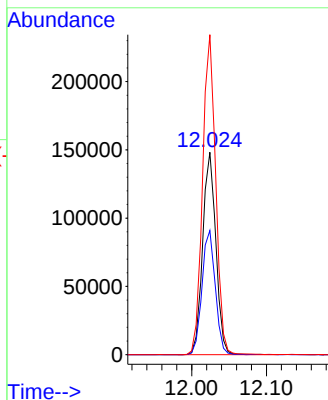
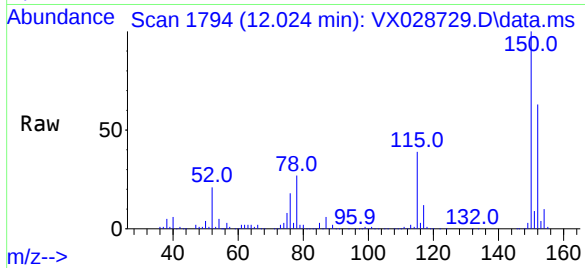




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

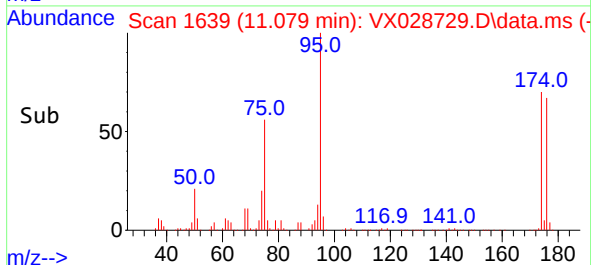
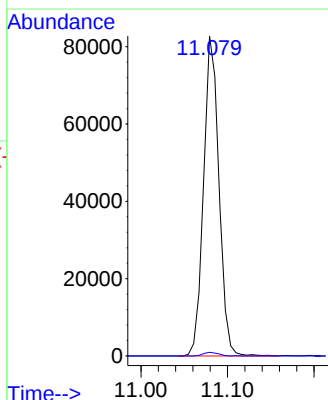
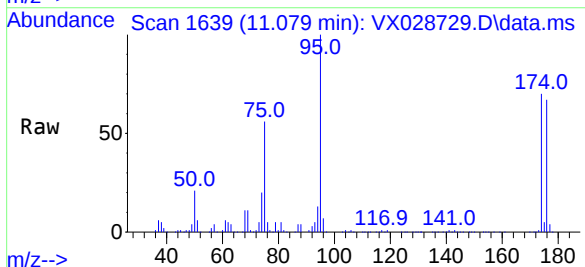
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

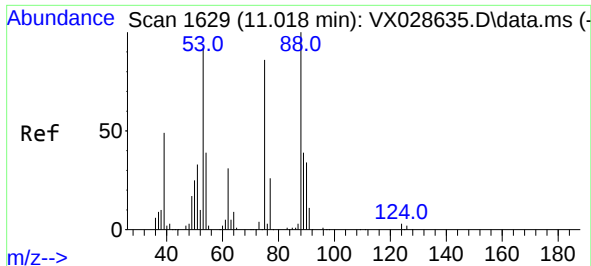
Tgt Ion:152 Resp: 181752
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 157.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028729.D
Acq: 16 May 2022 14:21

Tgt Ion: 75 Resp: 101977
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.811 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028729.D
 Acq: 16 May 2022 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Tgt Ion: 75 Resp: 101977
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

