

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027903.D
 Acq On : 02 Apr 2022 00:30
 Operator : JC/MD
 Sample : N2172-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Quant Time: Apr 02 07:32:19 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)

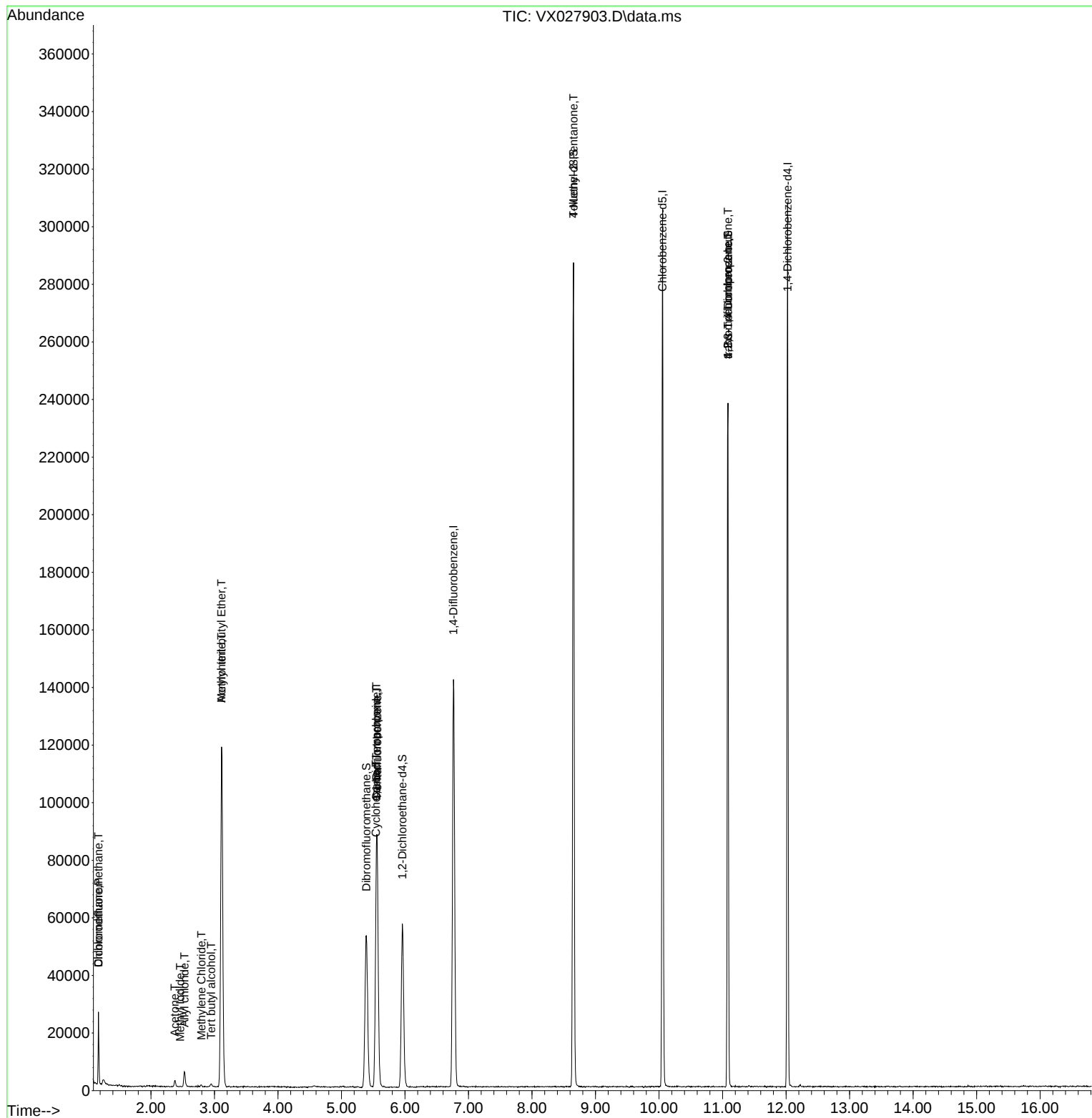
Internal Standards						
1) Pentafluorobenzene	5.562	168	81367	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	137971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54680	52.083	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.160%	
35) Dibromofluoromethane	5.391	113	46878	52.638	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.280%	
50) Toluene-d8	8.653	98	167081	53.322	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	11.085	95	64504	48.441	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	296	0.401	ug/l	# 42
3) Chloromethane	1.172	50	888	1.363	ug/l	# 67
10) Methyl Iodide	2.459	142	203	0.229	ug/l	# 56
11) Tert butyl alcohol	2.946	59	683	3.387	ug/l	# 72
14) Allyl chloride	2.526	41	566	0.441	ug/l	# 53
15) Acrylonitrile	3.111	53	1619	3.419	ug/l	# 32
16) Acetone	2.373	43	2326	5.006	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	122057	45.828	ug/l	95
20) Methylene Chloride	2.794	84	270	0.323	ug/l	91
31) Cyclohexane	5.544	56	1730	1.491	ug/l	# 15
36) 1,1-Dichloropropene	5.550	75	6622	5.904	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	8791	7.094	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	868	0.562	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	36005	27.944	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	36005	81.634	ug/l	# 15

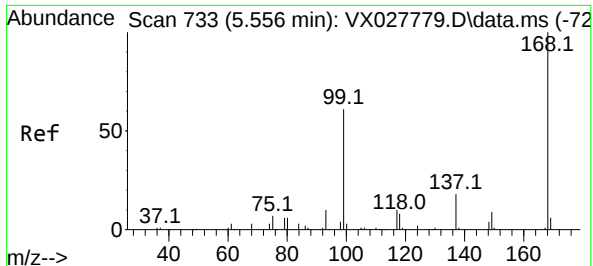
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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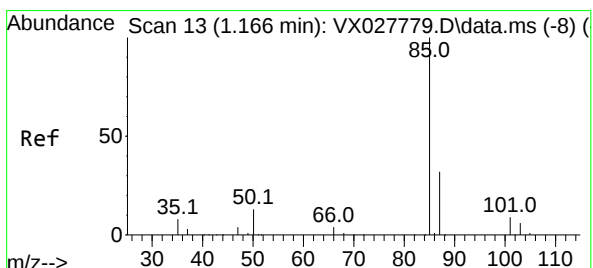
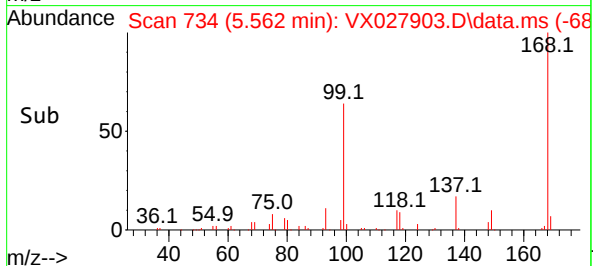
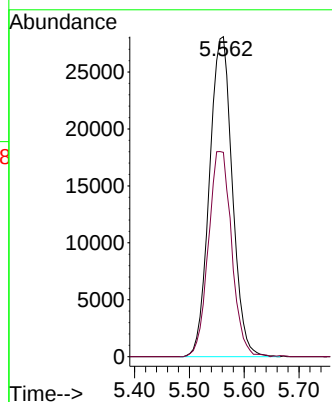
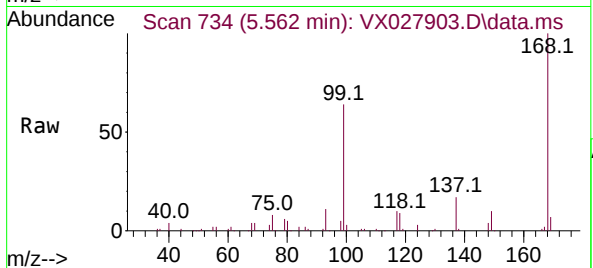




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

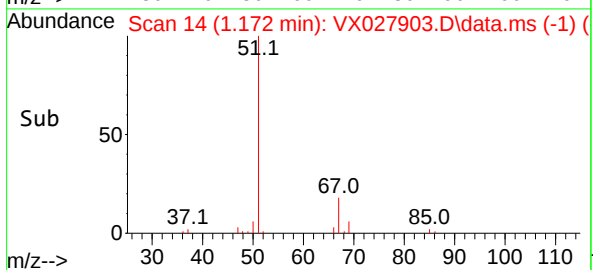
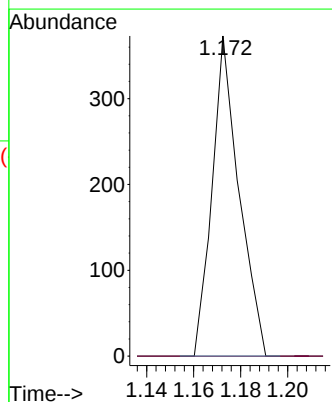
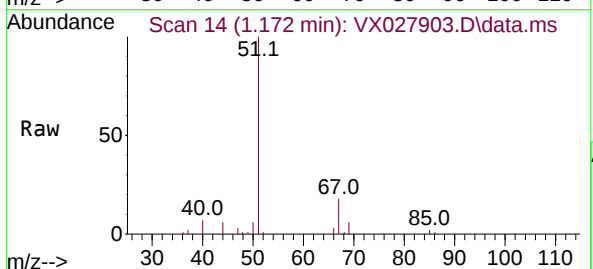
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

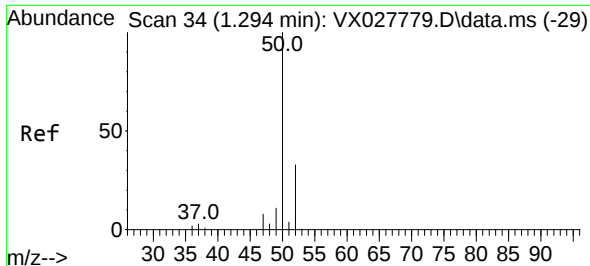
Tgt Ion:168 Resp: 81367
Ion Ratio Lower Upper
168 100
99 63.8 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 0.401 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

Tgt Ion: 85 Resp: 296
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

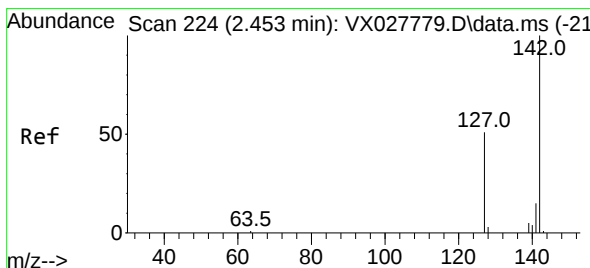
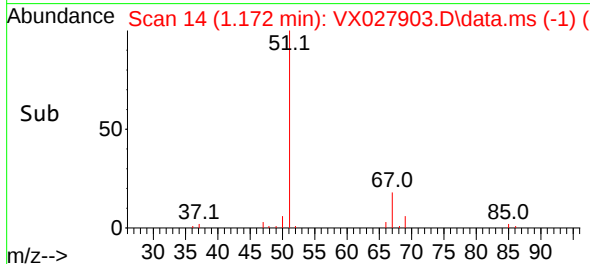
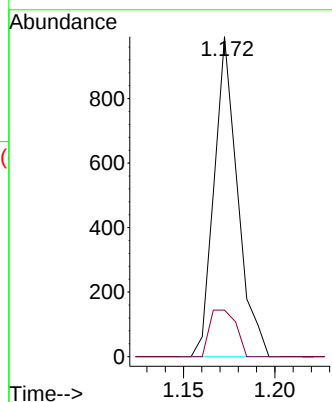
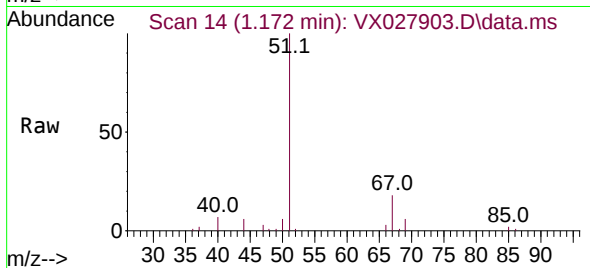




#3
Chloromethane
Concen: 1.363 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.122 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

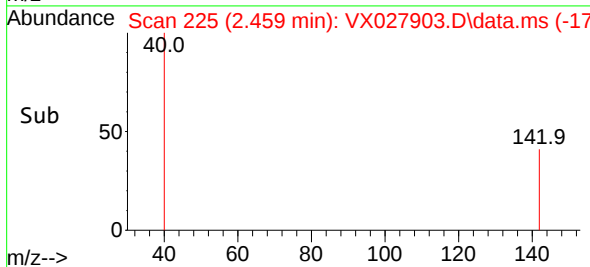
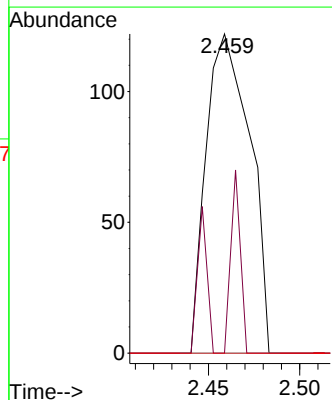
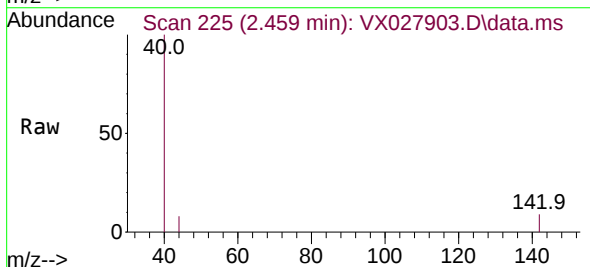
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

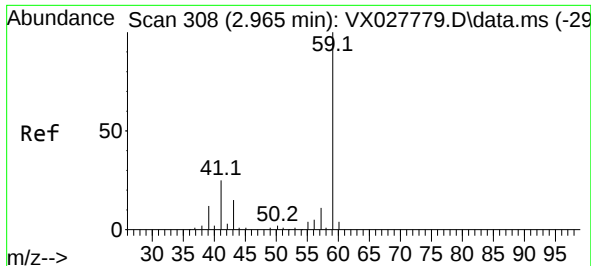
Tgt Ion: 50 Resp: 888
Ion Ratio Lower Upper
50 100
52 14.5 26.4 39.6#



#10
Methyl Iodide
Concen: 0.229 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

Tgt Ion: 142 Resp: 203
Ion Ratio Lower Upper
142 100
127 12.8 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 3.387 ug/l

RT: 2.946 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX027903.D

Acq: 02 Apr 2022 00:30

Instrument :

MSVOA_X

ClientSampleId :

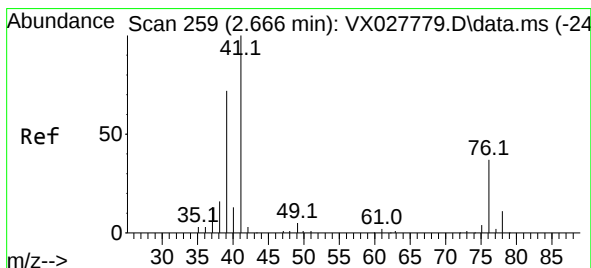
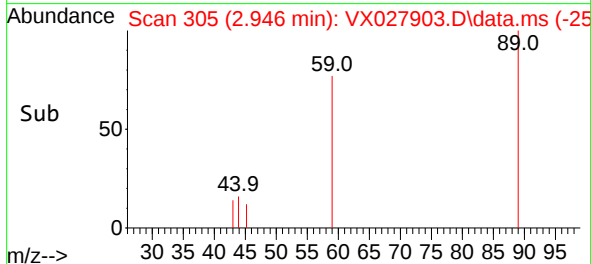
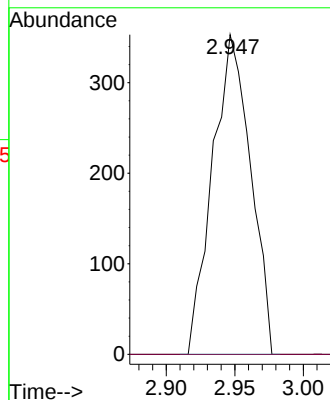
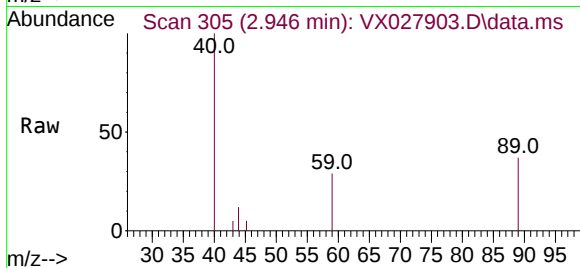
MW-2R

Tgt Ion: 59 Resp: 683

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.441 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027903.D

Acq: 02 Apr 2022 00:30

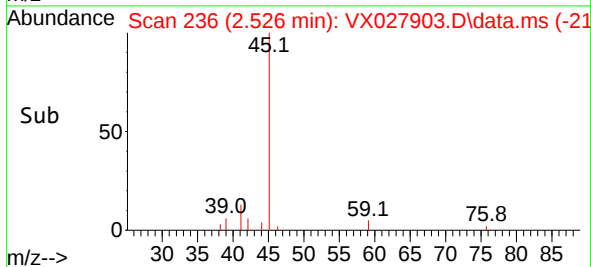
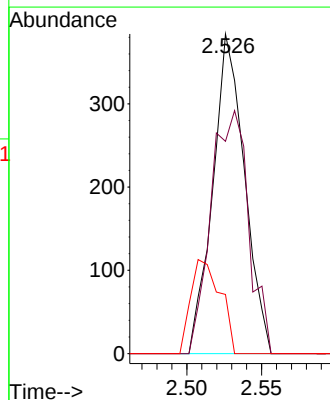
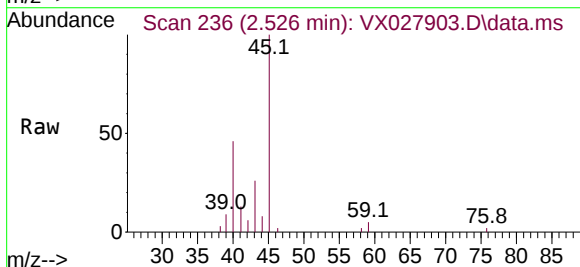
Tgt Ion: 41 Resp: 566

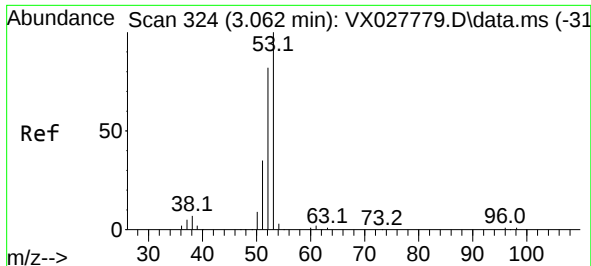
Ion Ratio Lower Upper

41 100

39 90.3 50.4 75.6#

76 0.0 32.7 49.1#





#15

Acrylonitrile

Concen: 3.419 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX027903.D

Acq: 02 Apr 2022 00:30

Instrument :

MSVOA_X

ClientSampleId :

MW-2R

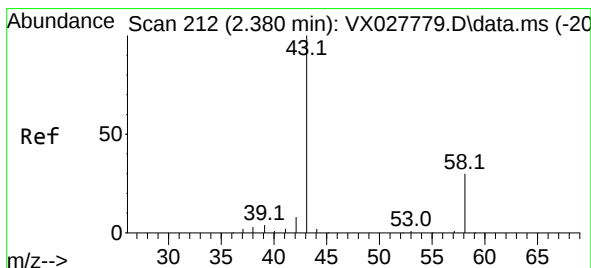
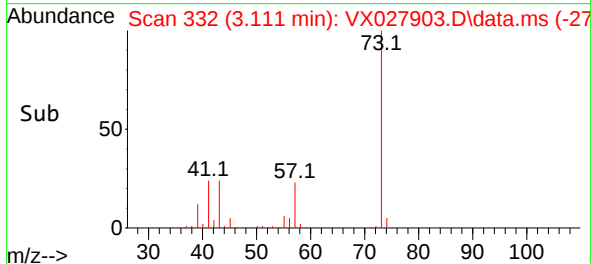
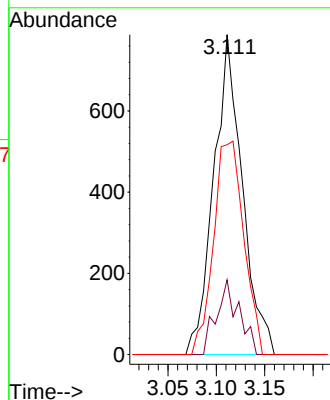
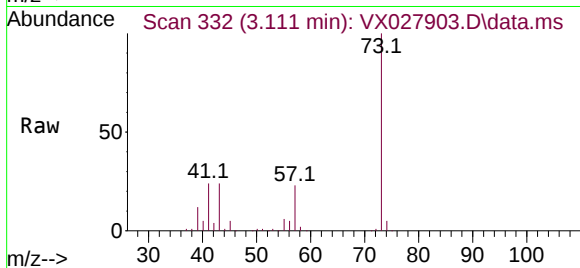
Tgt Ion: 53 Resp: 1619

Ion Ratio Lower Upper

53 100

52 18.5 65.7 98.5#

51 70.5 28.4 42.6#



#16

Acetone

Concen: 5.006 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.007 min

Lab File: VX027903.D

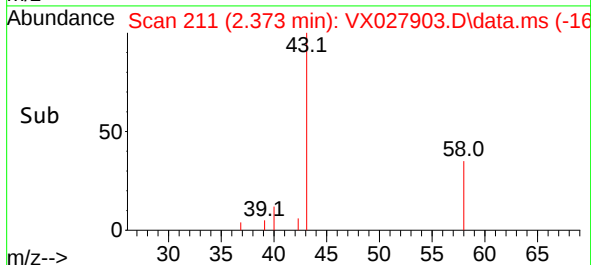
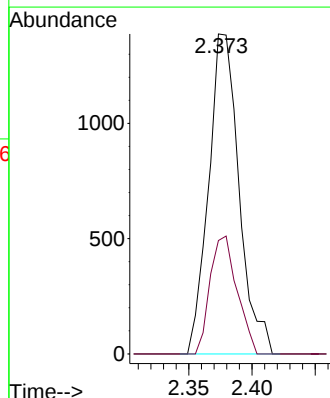
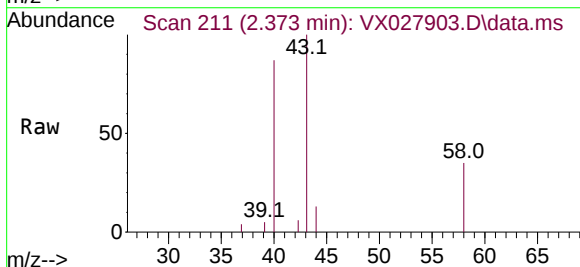
Acq: 02 Apr 2022 00:30

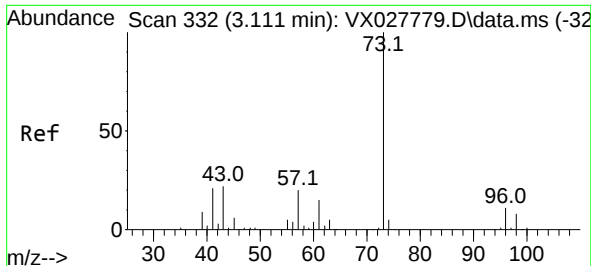
Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

58 35.4 28.8 43.2

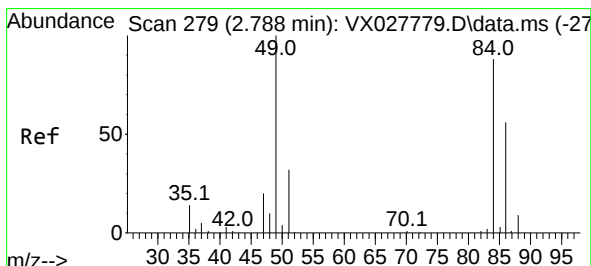
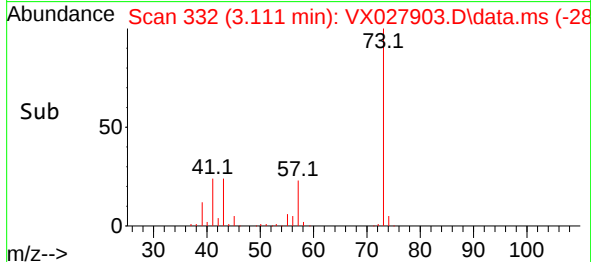
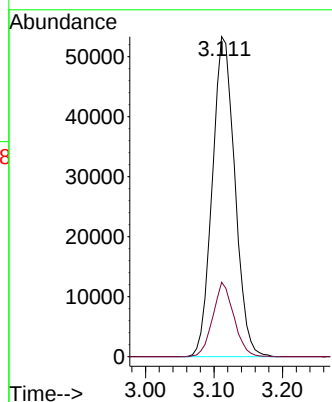
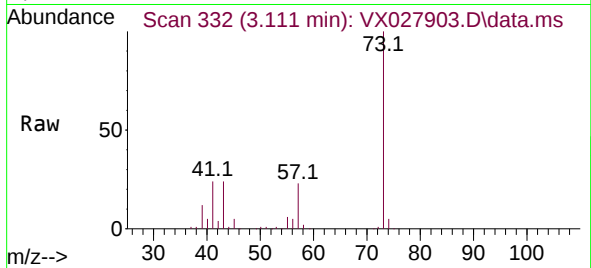




#19
Methyl tert-butyl Ether
Concen: 45.828 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

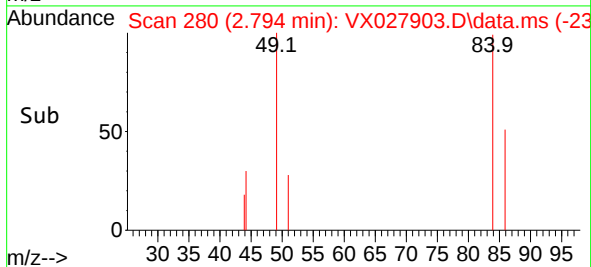
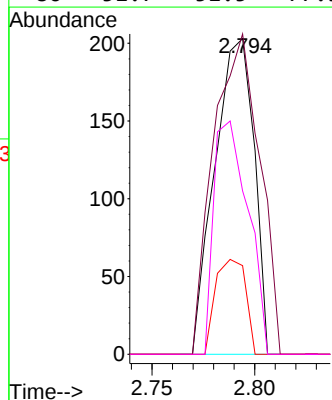
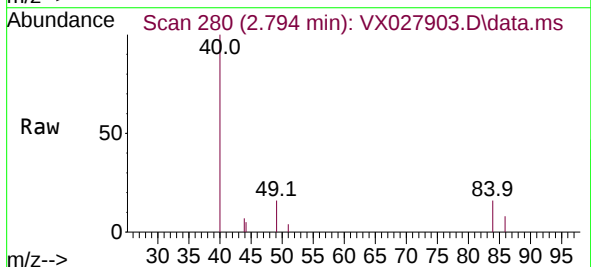
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

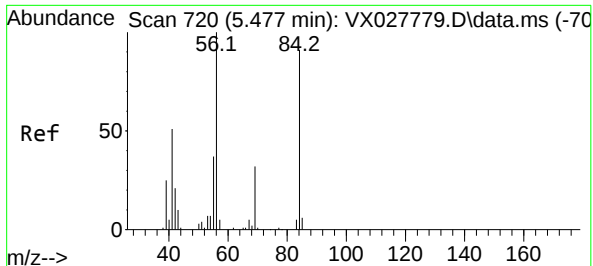
Tgt Ion: 73 Resp: 122057
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

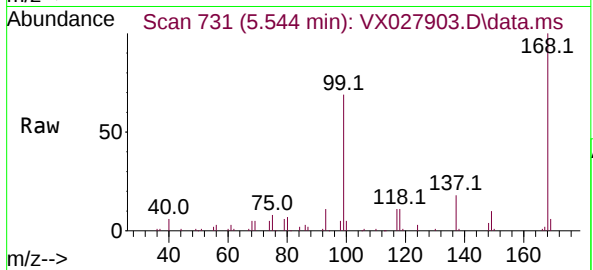
Tgt Ion: 84 Resp: 270
Ion Ratio Lower Upper
84 100
49 101.5 85.5 128.3
51 28.1 26.6 39.8
86 51.7 51.5 77.3



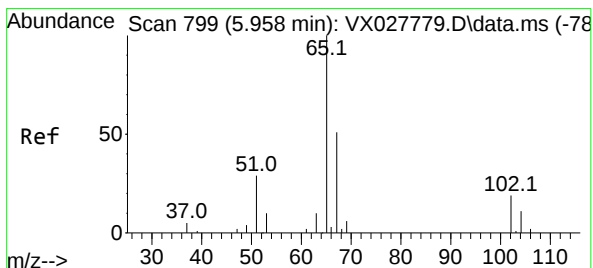
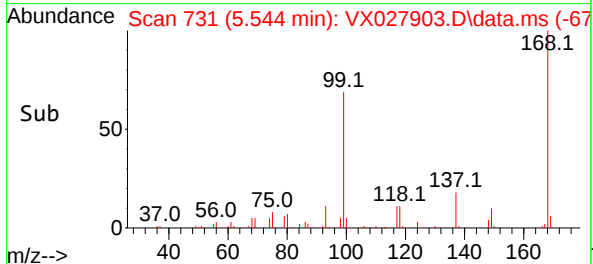
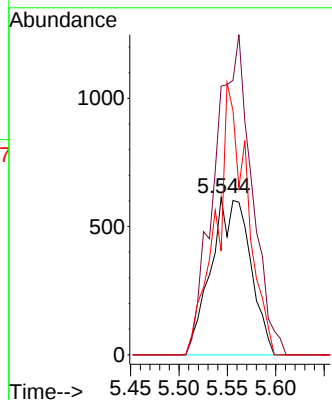


#31
Cyclohexane
Concen: 1.491 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

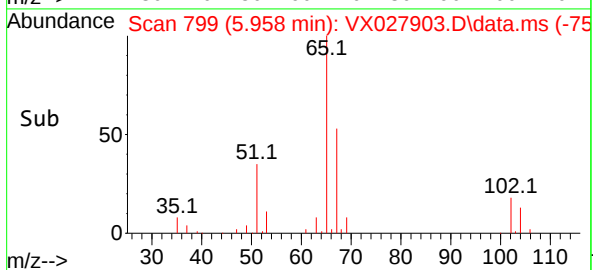
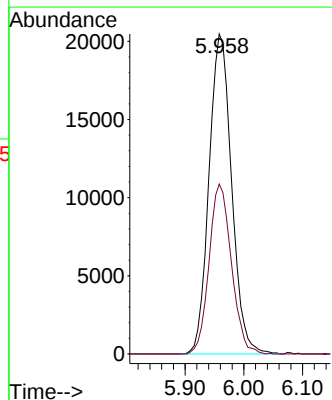
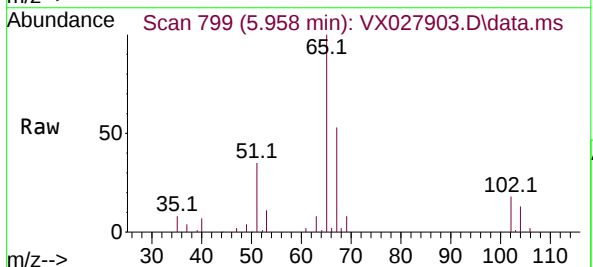


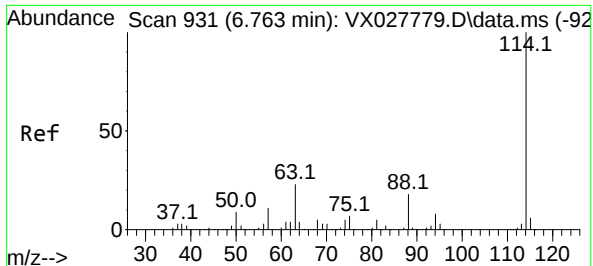
Tgt Ion: 56 Resp: 1730
Ion Ratio Lower Upper
56 100
69 170.8 26.7 40.1#
84 65.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.083 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

Tgt Ion: 65 Resp: 54680
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

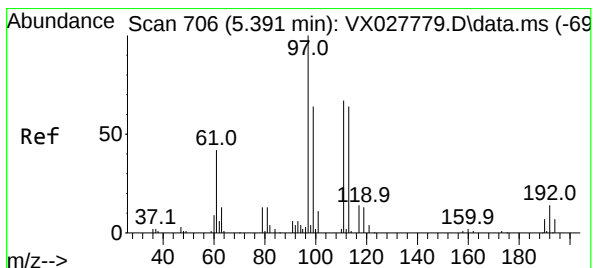
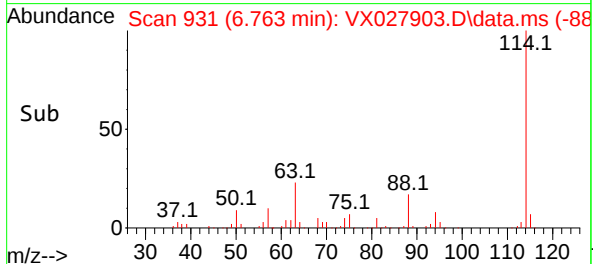
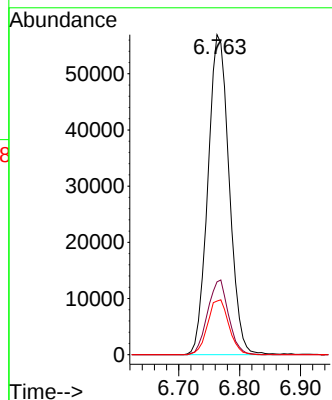
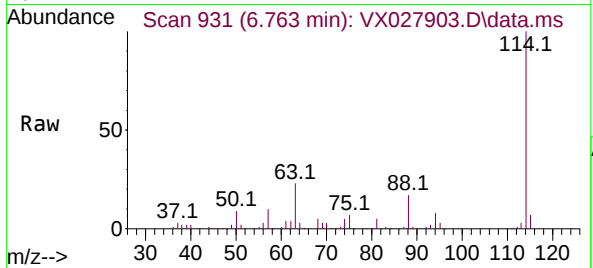




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

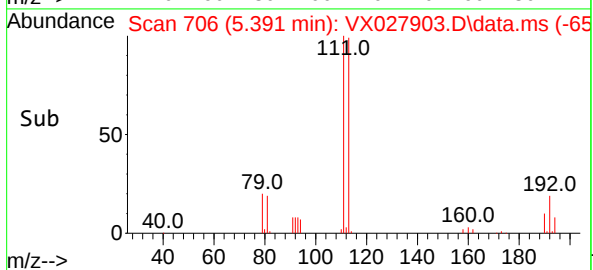
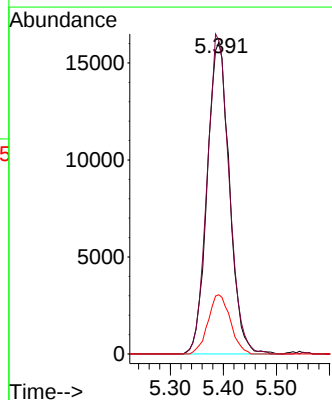
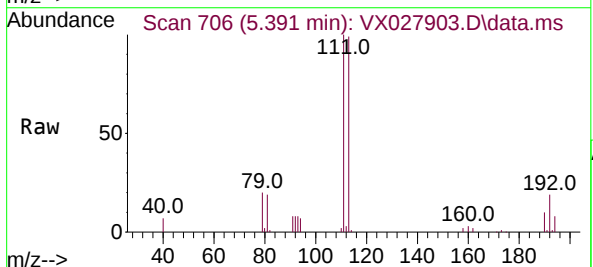
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

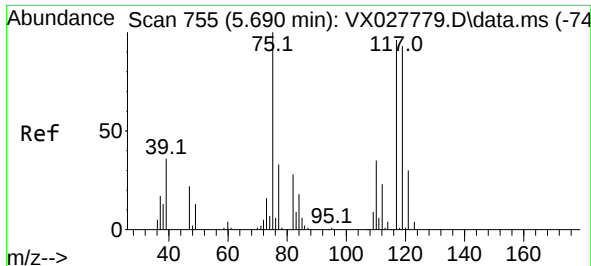
Tgt Ion:114 Resp: 137971
Ion Ratio Lower Upper
114 100
63 22.7 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.638 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

Tgt Ion:113 Resp: 46878
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 19.0 16.9 25.3

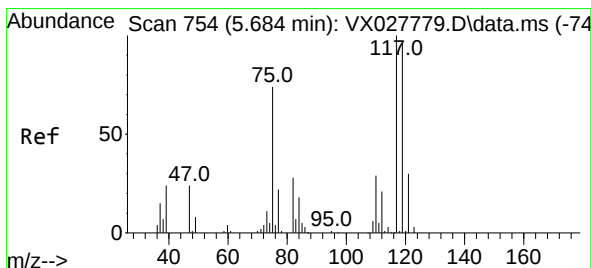
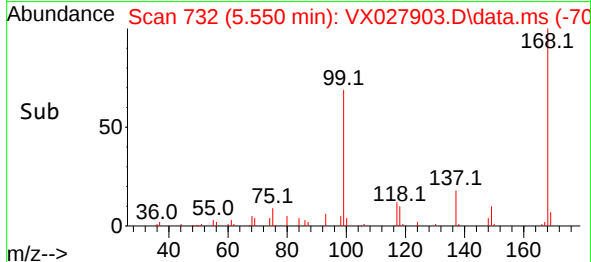
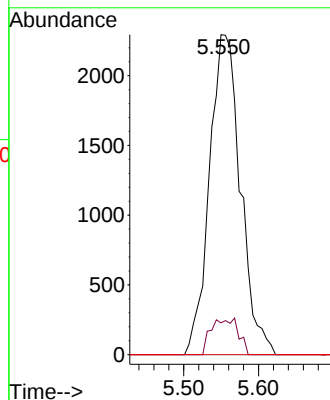
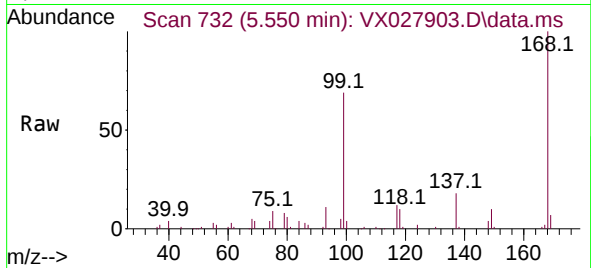




#36
1,1-Dichloropropene
Concen: 5.904 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

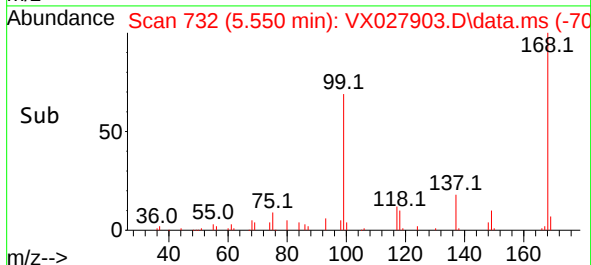
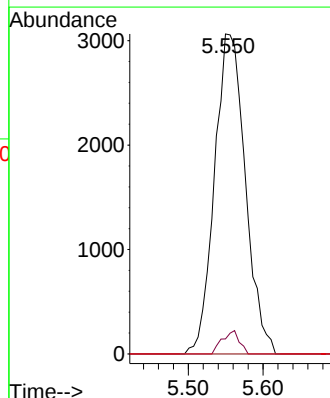
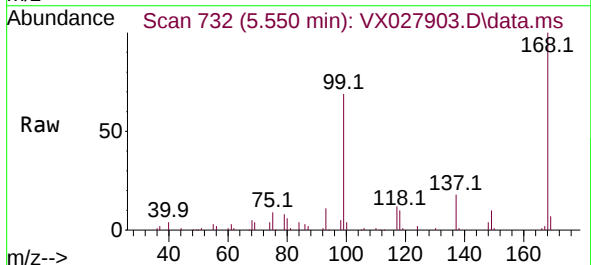
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

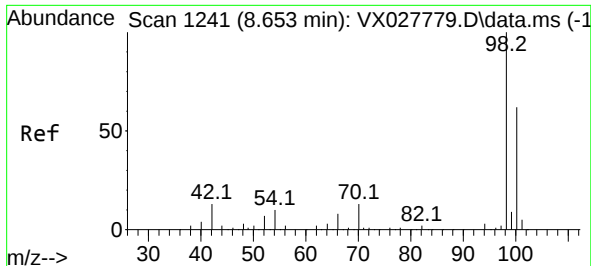
Tgt Ion: 75 Resp: 6622
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.094 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

Tgt Ion: 117 Resp: 8791
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 53.322 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027903.D

Acq: 02 Apr 2022 00:30

Instrument :

MSVOA_X

ClientSampleId :

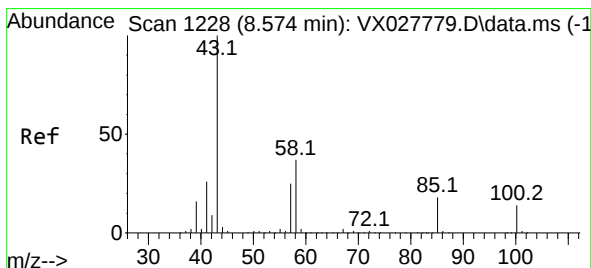
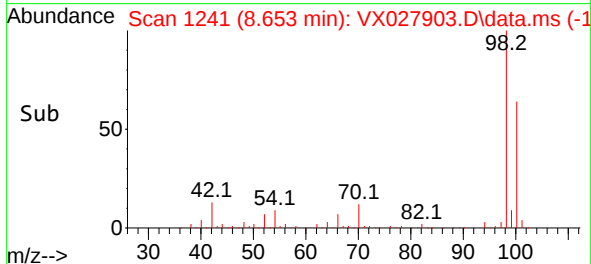
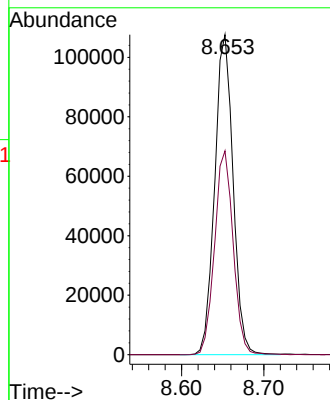
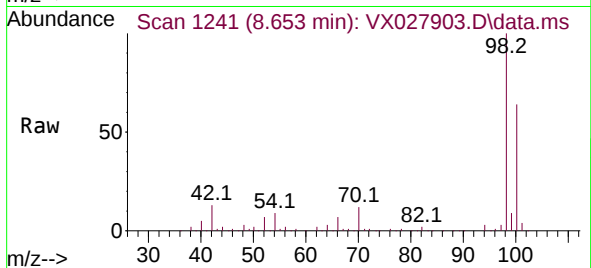
MW-2R

Tgt Ion: 98 Resp: 167081

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.562 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX027903.D

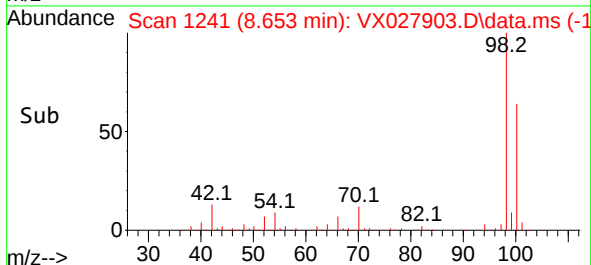
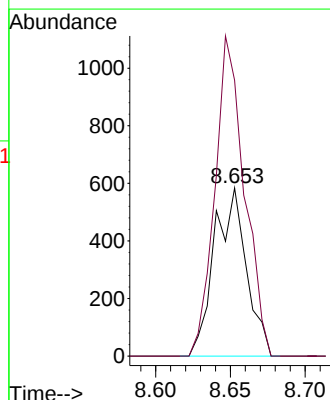
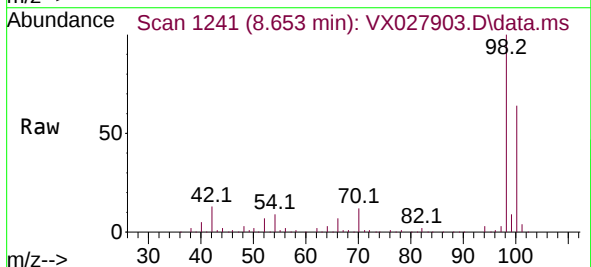
Acq: 02 Apr 2022 00:30

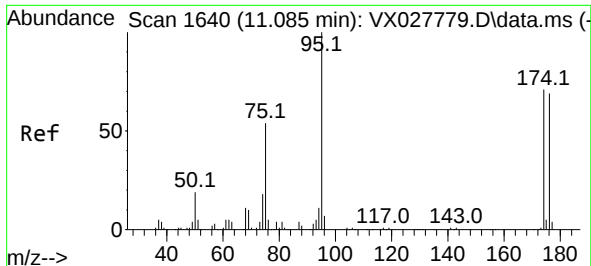
Tgt Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

58 175.9 36.1 54.1#

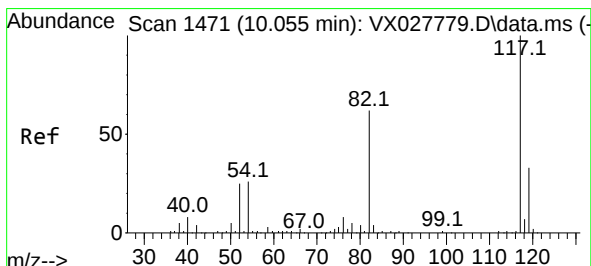
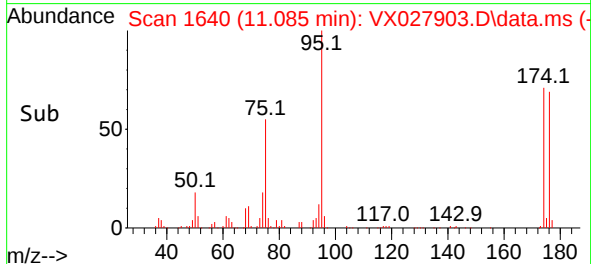
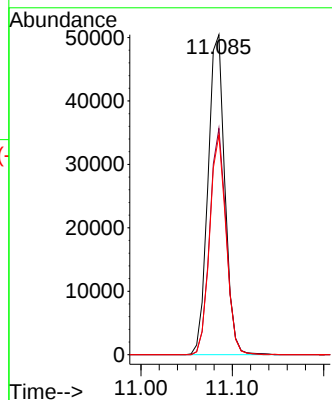
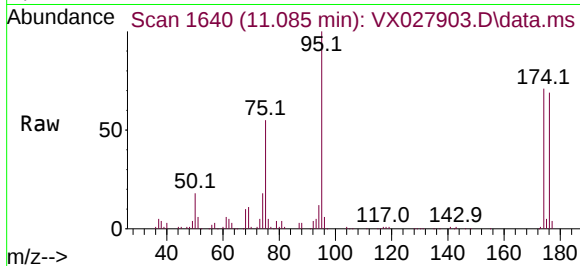




#62
4-Bromofluorobenzene
Concen: 48.441 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

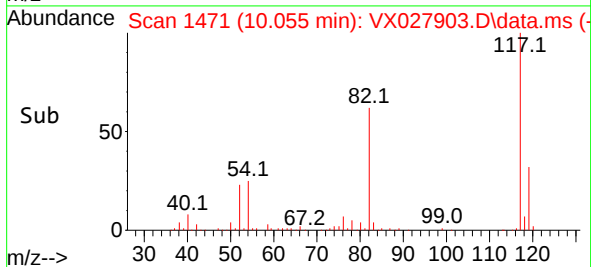
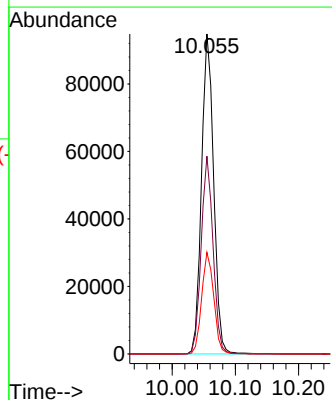
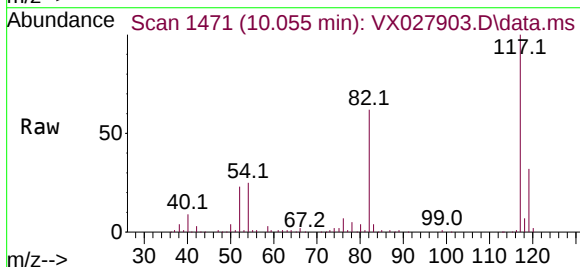
Instrument :
MSVOA_X
ClientSampleId :
MW-2R

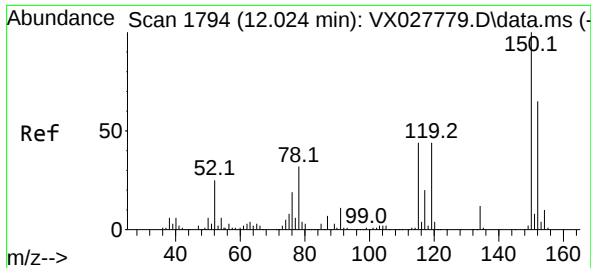
Tgt Ion: 95 Resp: 64504
Ion Ratio Lower Upper
95 100
174 68.7 0.0 163.0
176 66.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027903.D
Acq: 02 Apr 2022 00:30

Tgt Ion: 117 Resp: 126478
Ion Ratio Lower Upper
117 100
82 61.8 41.8 62.8
119 31.7 24.8 37.2

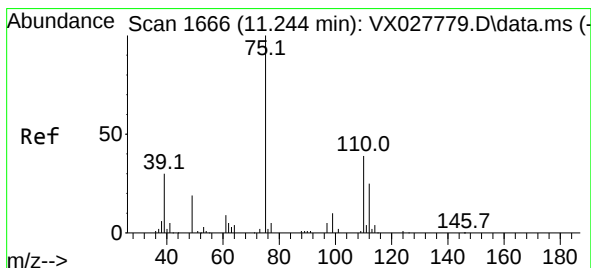
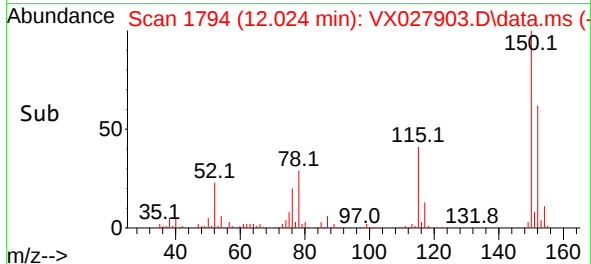
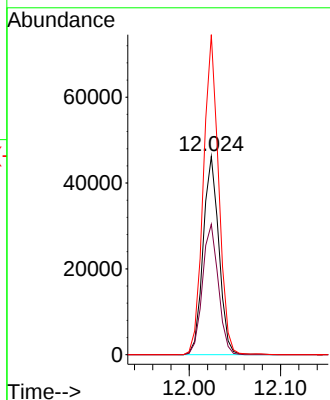
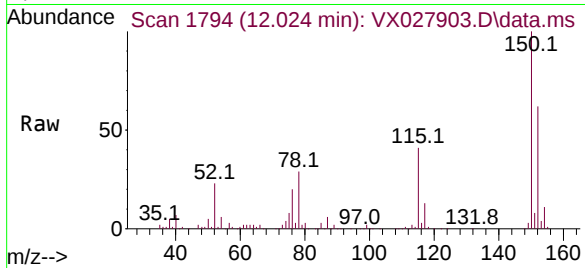




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027903.D
 Acq: 02 Apr 2022 00:30

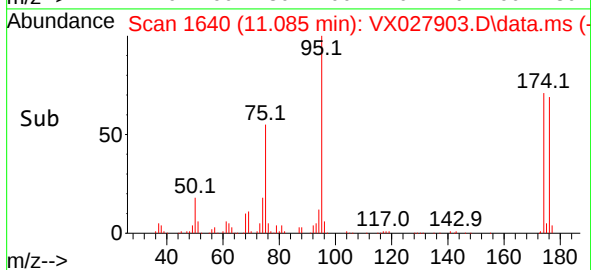
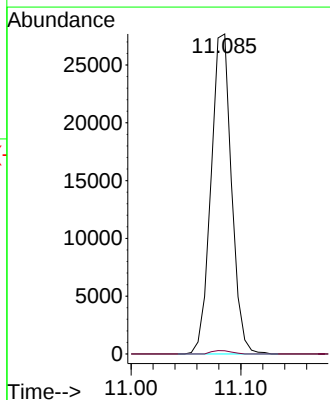
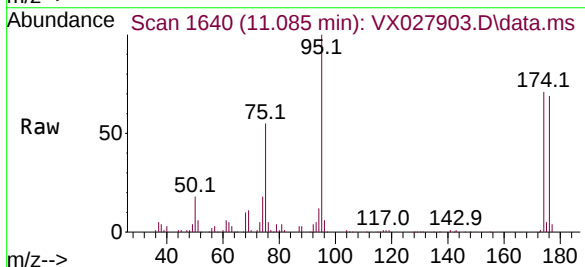
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

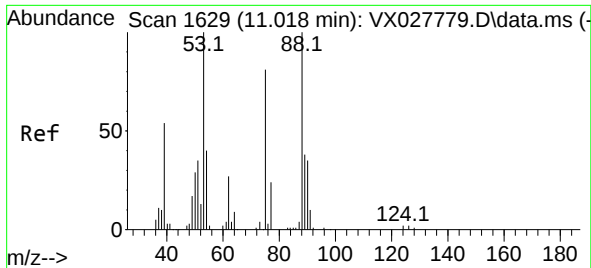
Tgt Ion:152 Resp: 54926
 Ion Ratio Lower Upper
 152 100
 115 66.1 37.5 112.7
 150 157.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.944 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX027903.D
 Acq: 02 Apr 2022 00:30

Tgt Ion: 75 Resp: 36005
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.634 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027903.D
 Acq: 02 Apr 2022 00:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R

Tgt Ion: 75 Resp: 36005
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

