

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026606.D
 Acq On : 26 Jan 2022 19:43
 Operator : JC/MD
 Sample : N1286-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8A

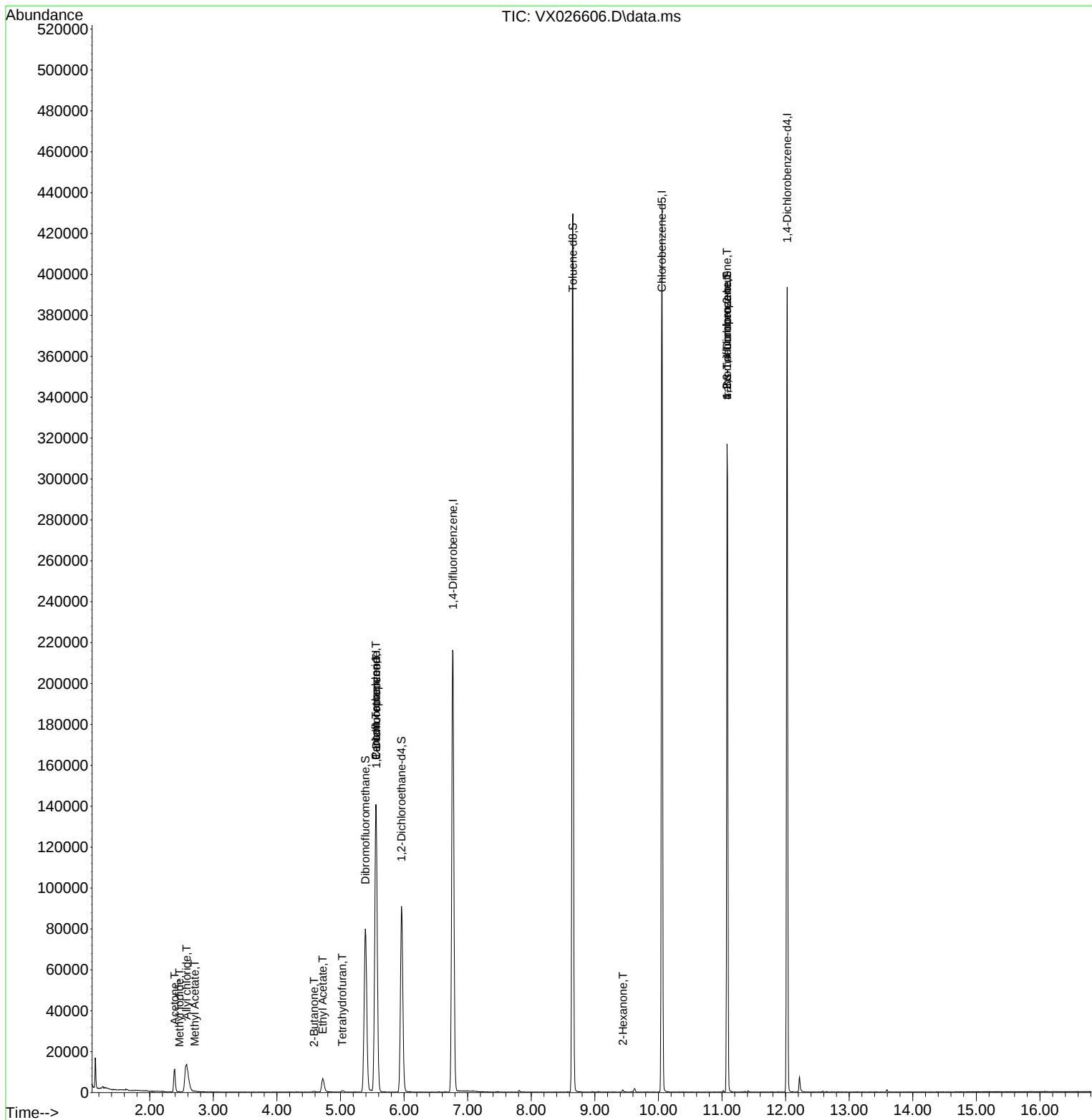
Quant Time: Jan 27 07:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	130748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87436	47.872	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.740%
35) Dibromofluoromethane	5.391	113	69770	48.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	8.653	98	255081	49.564	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	88592	48.458	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.920%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	73	4.488	ug/l #	37
14) Allyl chloride	2.581	41	3333	1.327	ug/l #	74
16) Acetone	2.392	43	13202	14.174	ug/l	99
18) Methyl Acetate	2.709	43	885	0.478	ug/l #	53
25) 2-Butanone	4.587	43	959	0.792	ug/l #	50
29) Tetrahydrofuran	5.026	42	629	0.874	ug/l #	50
36) 1,1-Dichloropropene	5.562	75	10444	4.632	ug/l #	50
37) Ethyl Acetate	4.721	43	12245	5.369	ug/l	99
38) Carbon Tetrachloride	5.556	117	13645	5.884	ug/l #	16
59) 2-Hexanone	9.439	43	837	0.500	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	44838	25.690	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	44838	77.950	ug/l #	3

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

Quant Time: Jan 27 07:33:27 2022
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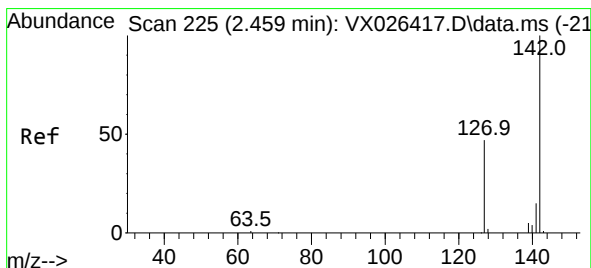
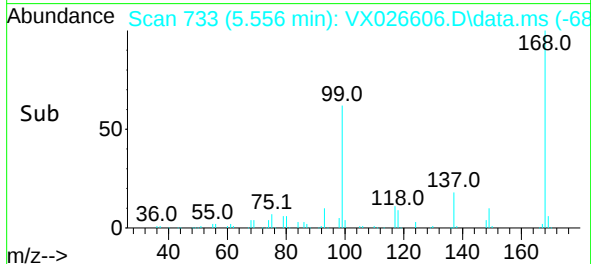
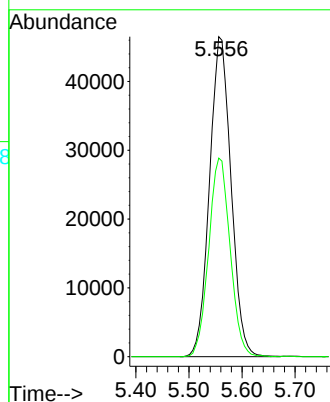
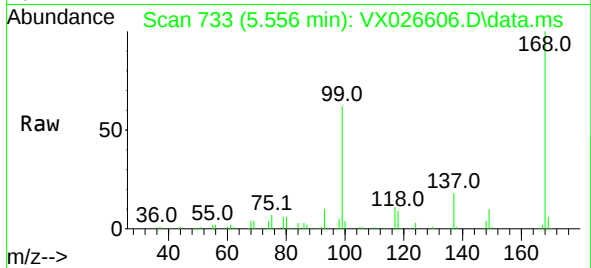




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

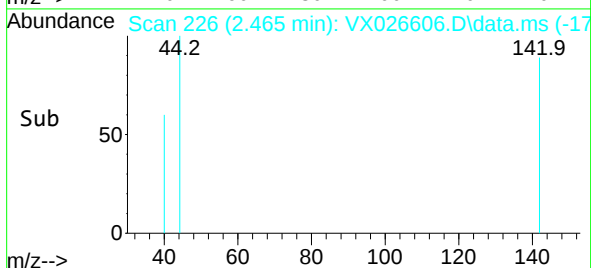
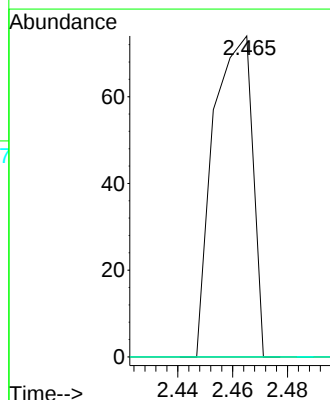
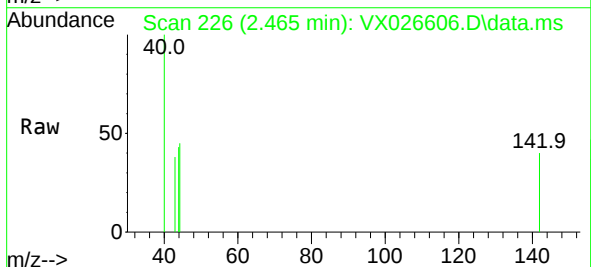
Instrument :
MSVOA_X
ClientSampleId :
MW-8A

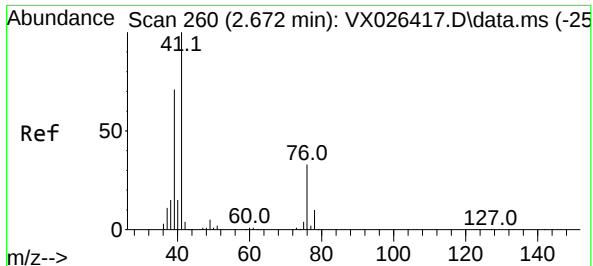
Tgt Ion:168 Resp: 130748
Ion Ratio Lower Upper
168 100
99 62.1 50.3 75.5



#10
Methyl Iodide
Concen: 4.488 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

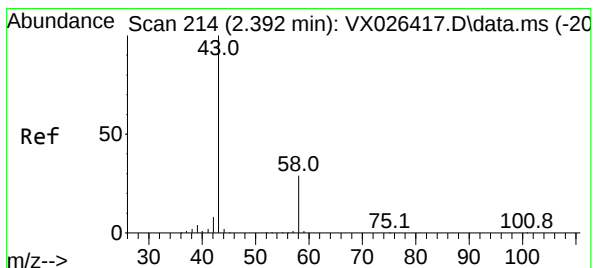
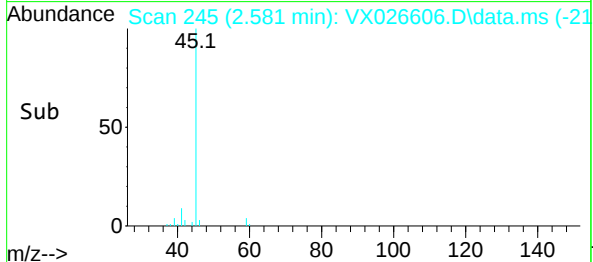
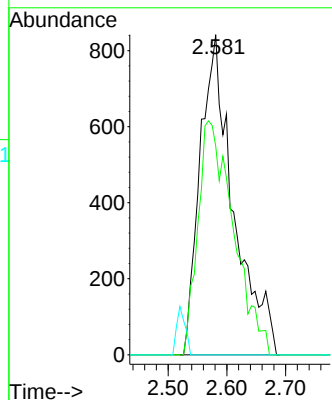
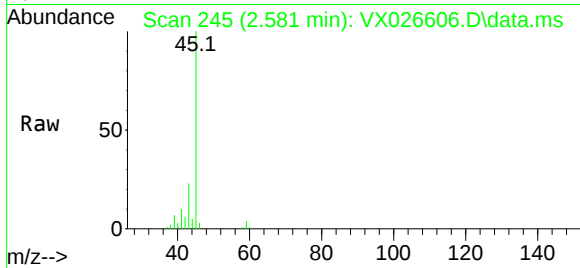




#14
 Allyl chloride
 Concen: 1.327 ug/l
 RT: 2.581 min Scan# 245
 Delta R.T. -0.091 min
 Lab File: VX026606.D
 Acq: 26 Jan 2022 19:43

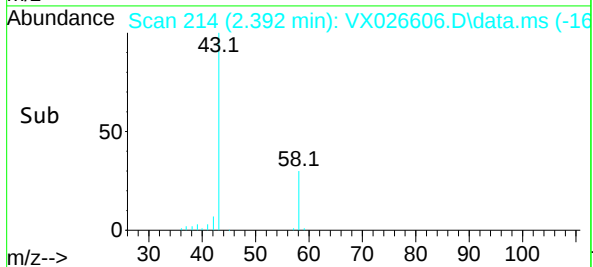
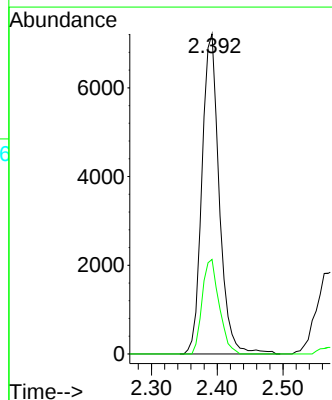
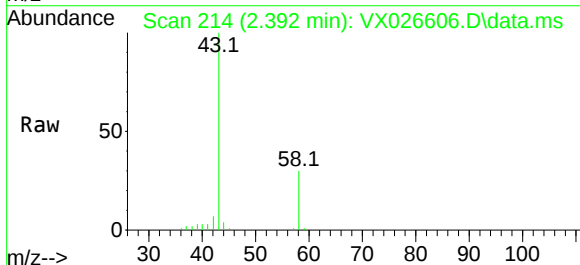
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8A

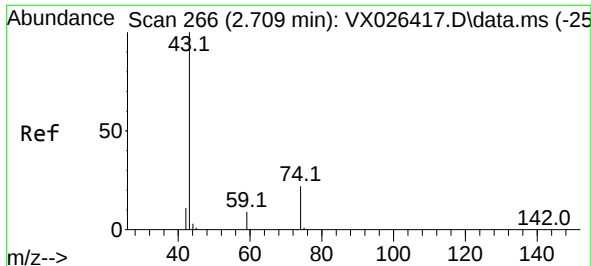
Tgt Ion: 41 Resp: 3333
 Ion Ratio Lower Upper
 41 100
 39 77.5 54.2 81.4
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 14.174 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VX026606.D
 Acq: 26 Jan 2022 19:43

Tgt Ion: 43 Resp: 13202
 Ion Ratio Lower Upper
 43 100
 58 29.6 23.0 34.6





#18

Methyl Acetate

Concen: 0.478 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX026606.D

Acq: 26 Jan 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

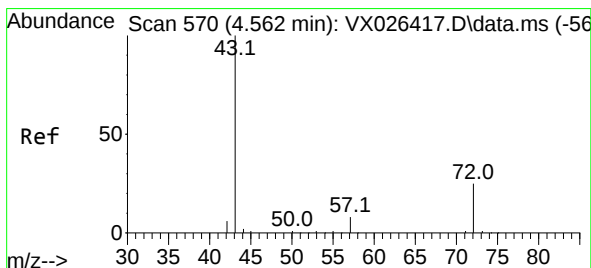
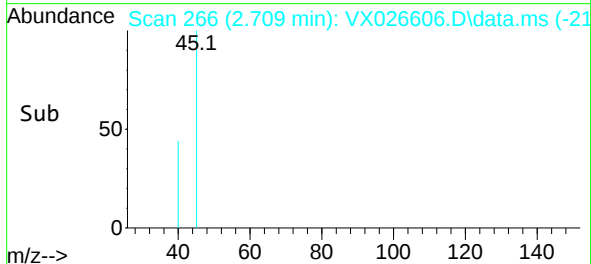
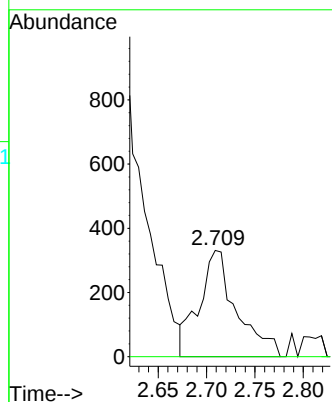
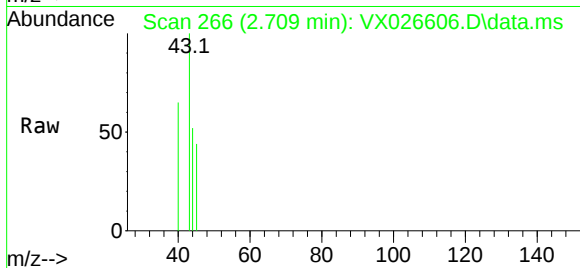
MW-8A

Tgt Ion: 43 Resp: 885

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



#25

2-Butanone

Concen: 0.792 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.025 min

Lab File: VX026606.D

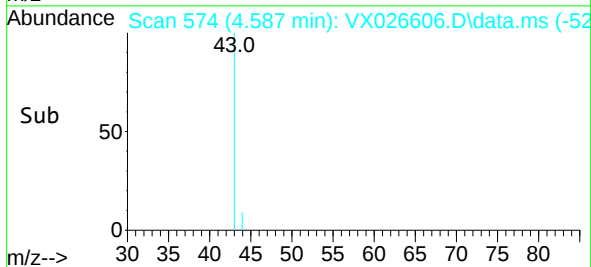
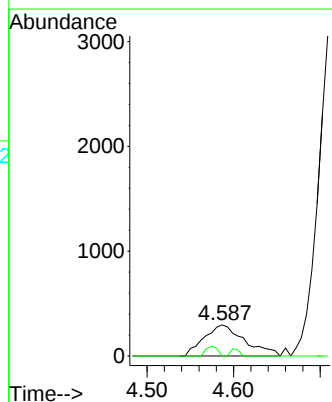
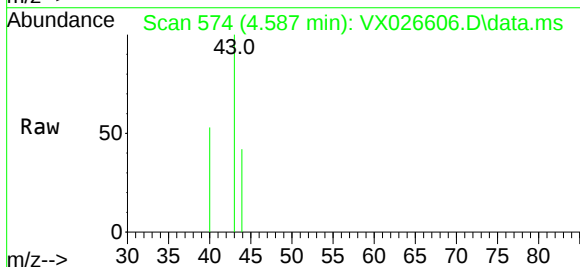
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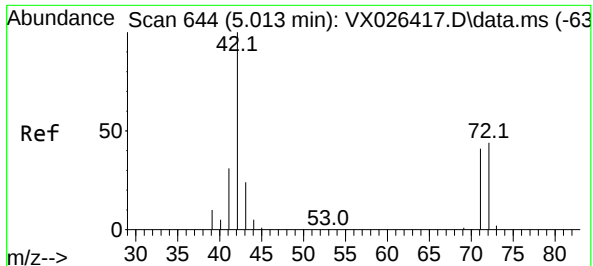
Tgt Ion: 43 Resp: 959

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#





#29

Tetrahydrofuran

Concen: 0.874 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX026606.D

Acq: 26 Jan 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

MW-8A

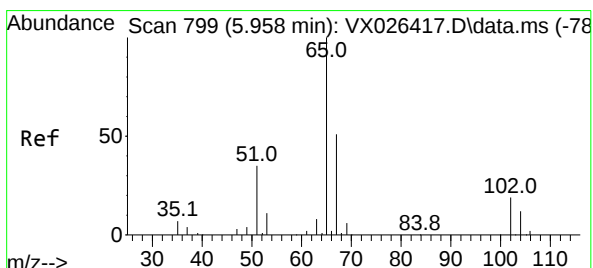
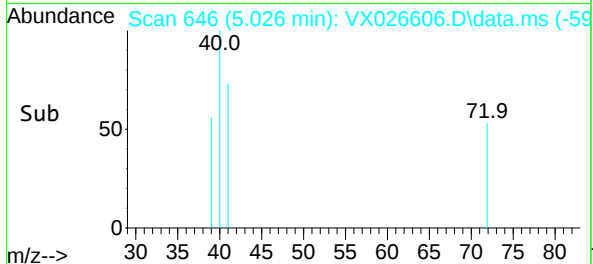
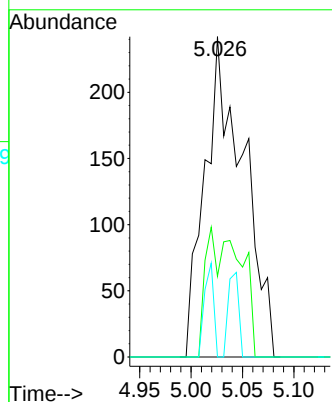
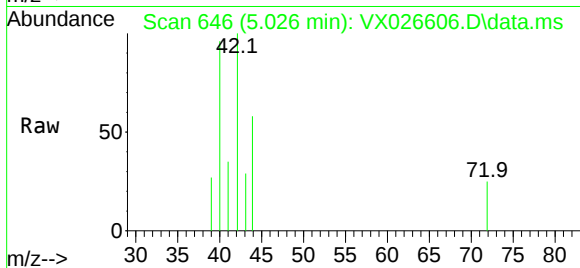
Tgt Ion: 42 Resp: 629

Ion Ratio Lower Upper

42 100

72 13.5 34.6 52.0#

71 7.2 31.8 47.8#



#33

1,2-Dichloroethane-d4

Concen: 47.872 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026606.D

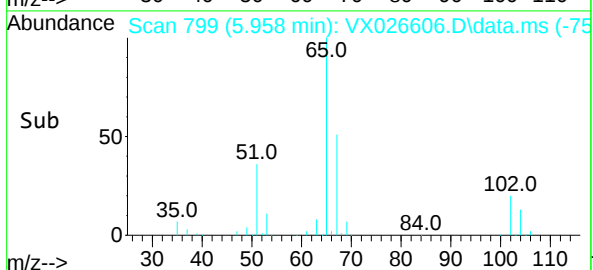
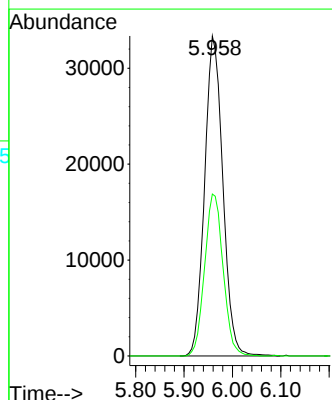
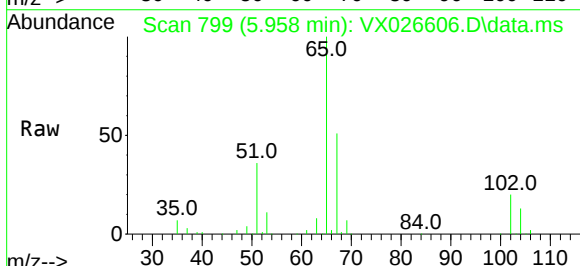
Acq: 26 Jan 2022 19:43

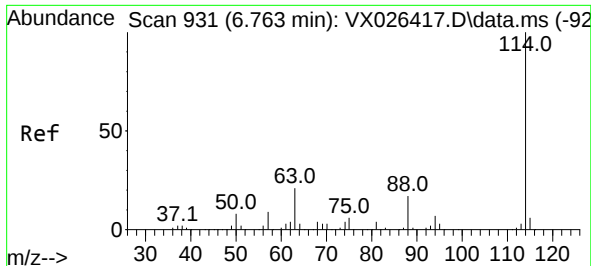
Tgt Ion: 65 Resp: 87436

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.8

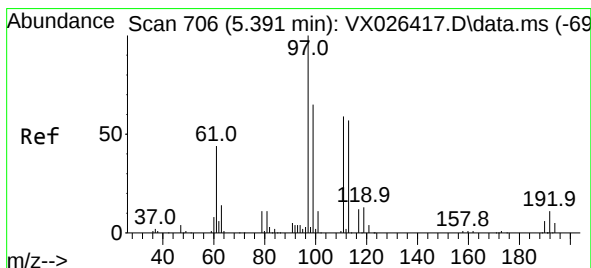
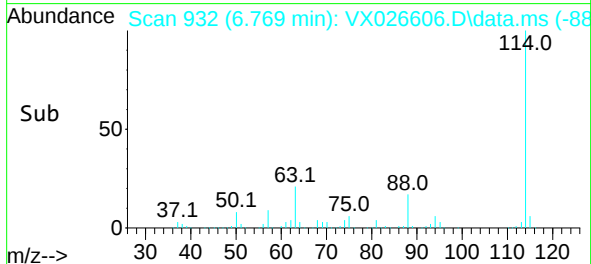
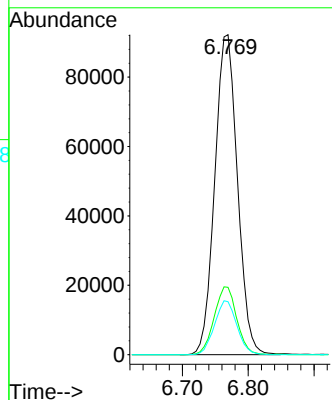
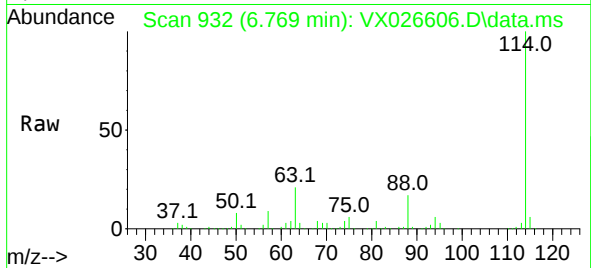




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

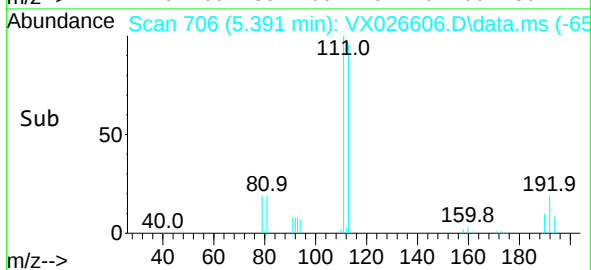
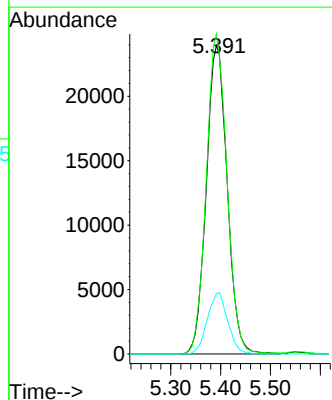
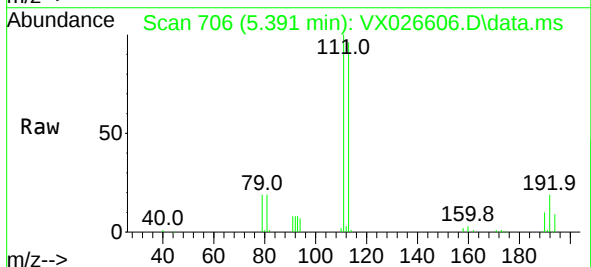
Instrument :
MSVOA_X
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MW-8A

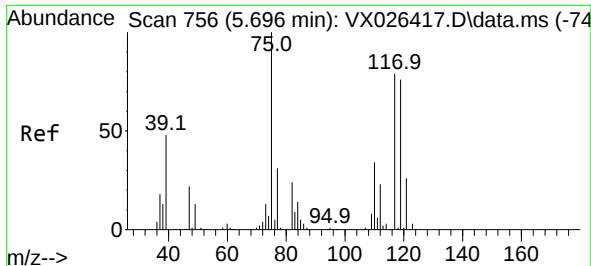
Tgt Ion:114 Resp: 221156
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.853 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

Tgt Ion:113 Resp: 69770
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.3 15.0 22.4

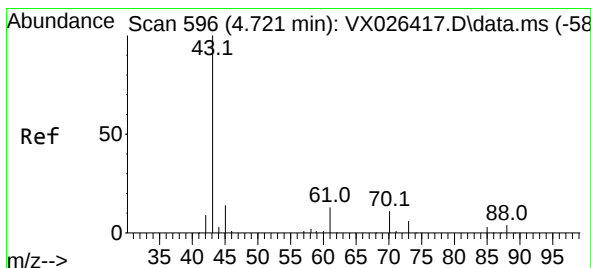
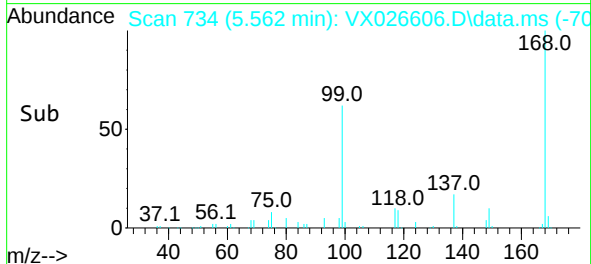
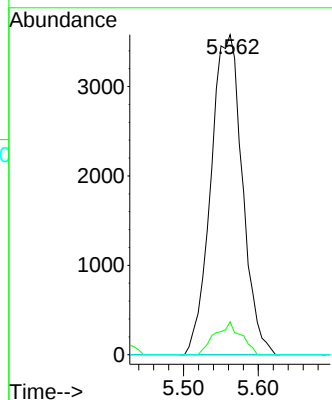
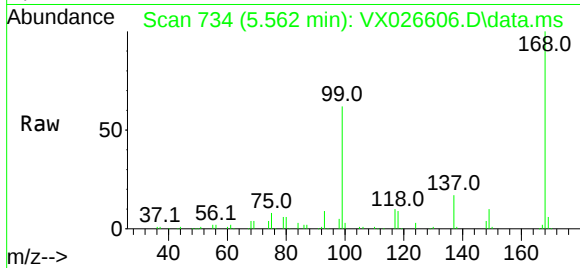




#36
1,1-Dichloropropene
Concen: 4.632 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

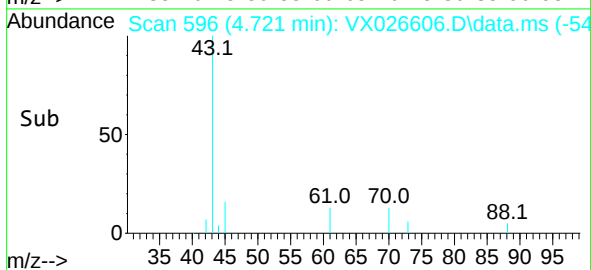
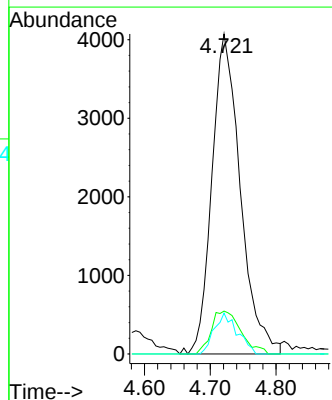
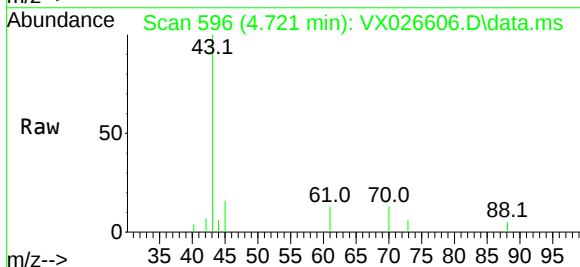
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ClientSampleId :
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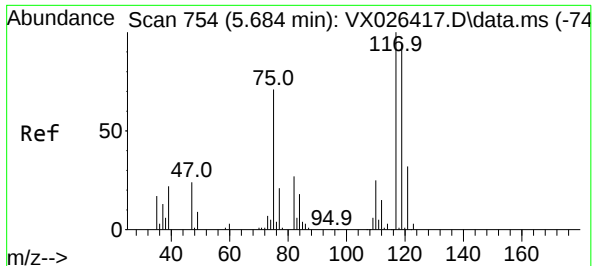
Tgt Ion: 75 Resp: 10444
Ion Ratio Lower Upper
75 100
110 8.5 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 5.369 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

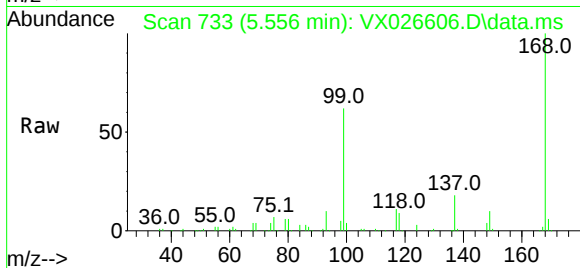
Tgt Ion: 43 Resp: 12245
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 10.4 8.5 12.7



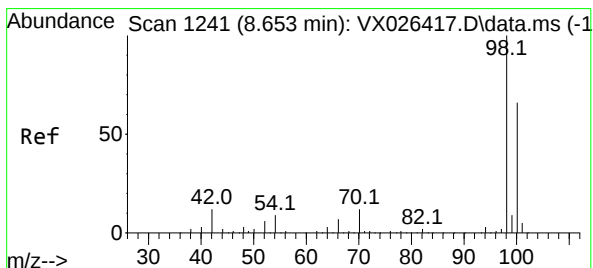
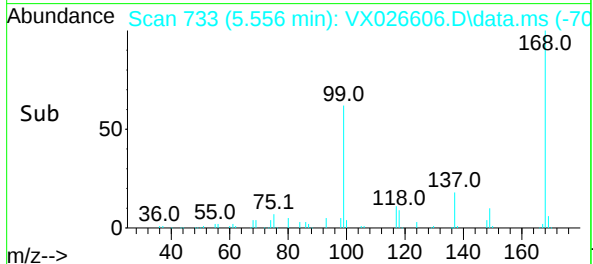
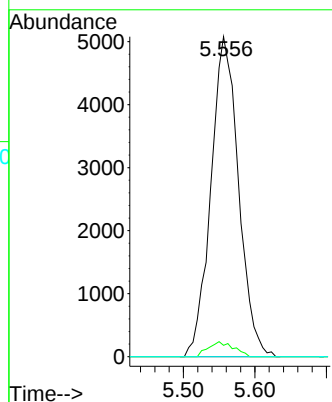


#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-8A

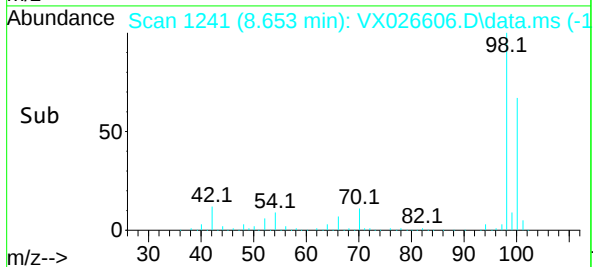
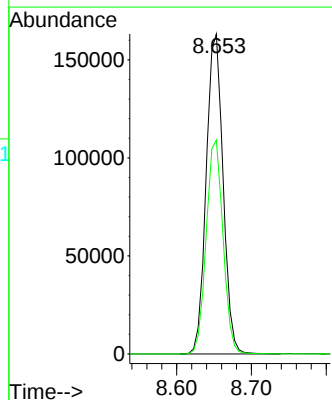
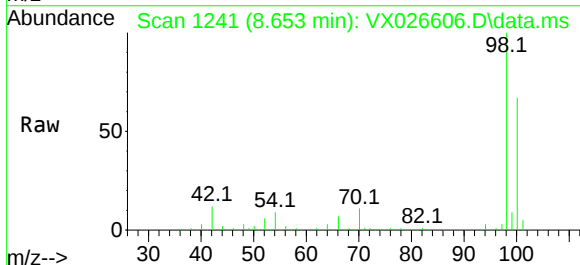


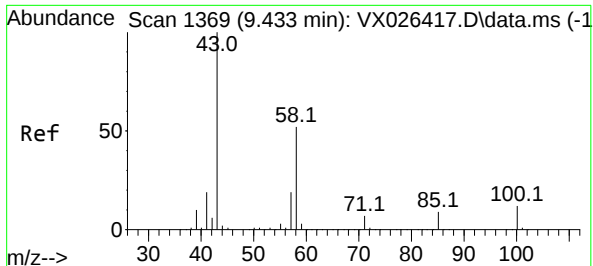
Tgt Ion:117 Resp: 13645
Ion Ratio Lower Upper
117 100
119 3.5 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.564 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

Tgt Ion: 98 Resp: 255081
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8





#59

2-Hexanone

Concen: 0.500 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX026606.D

Acq: 26 Jan 2022 19:43

Instrument :

MSVOA_X

ClientSampleId :

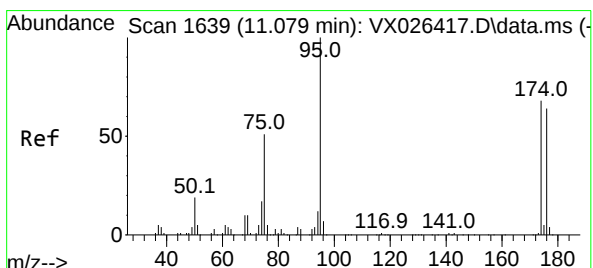
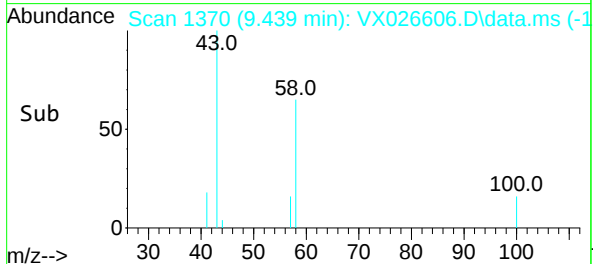
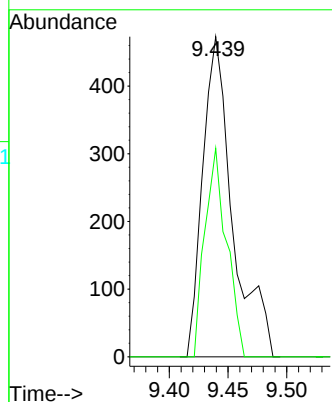
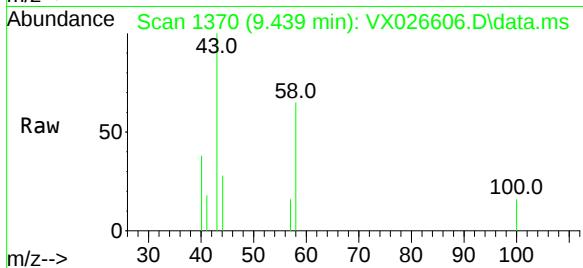
MW-8A

Tgt Ion: 43 Resp: 837

Ion Ratio Lower Upper

43 100

58 47.6 26.4 79.2



#62

4-Bromofluorobenzene

Concen: 48.458 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026606.D

Acq: 26 Jan 2022 19:43

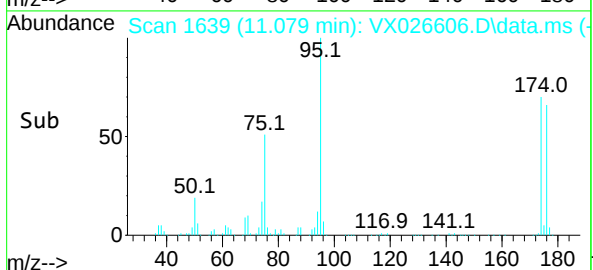
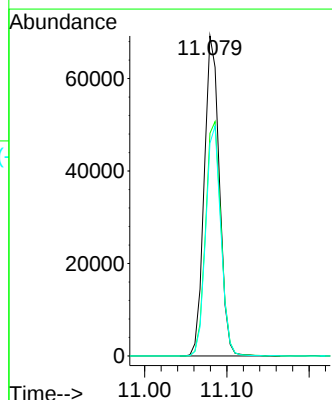
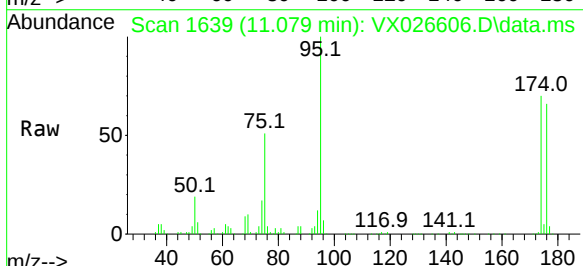
Tgt Ion: 95 Resp: 88592

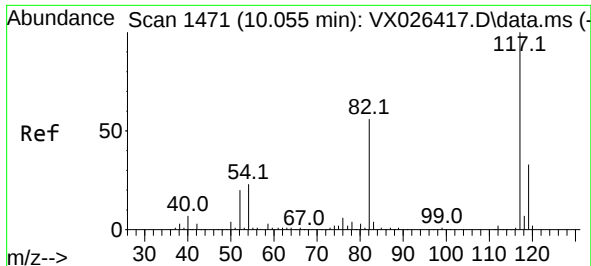
Ion Ratio Lower Upper

95 100

174 74.5 0.0 148.6

176 71.7 0.0 141.4

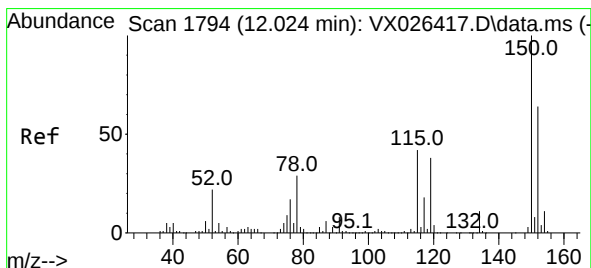
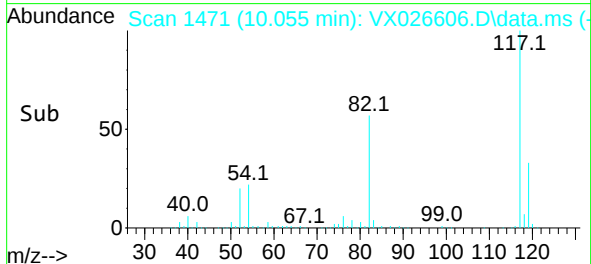
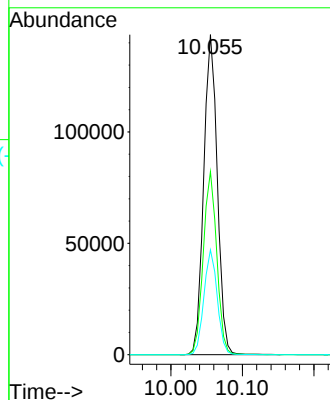
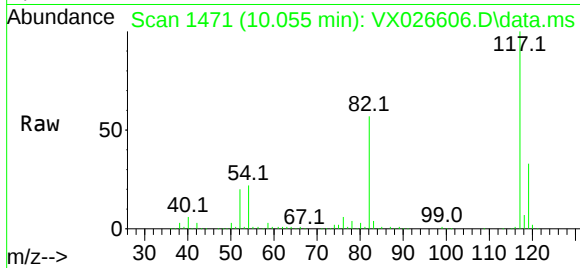




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

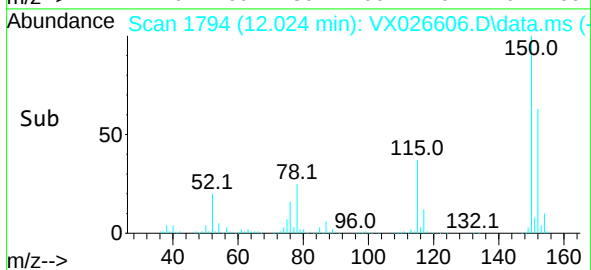
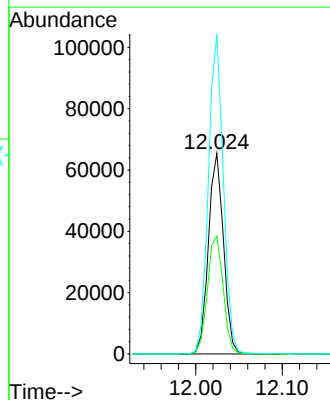
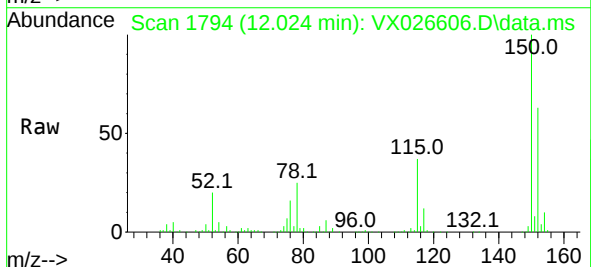
Instrument :
MSVOA_X
ClientSampleId :
MW-8A

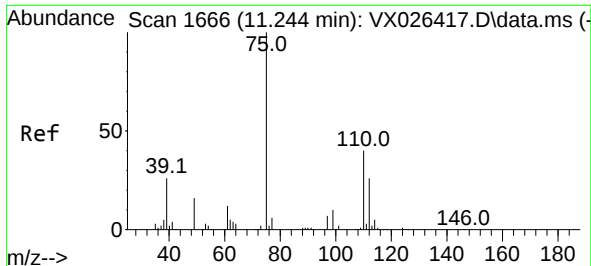
Tgt Ion:117 Resp: 190255
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

Tgt Ion:152 Resp: 79270
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 157.5 0.0 348.2

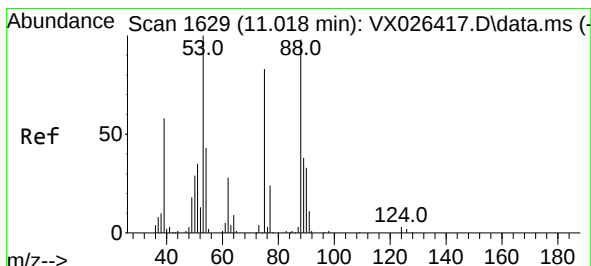
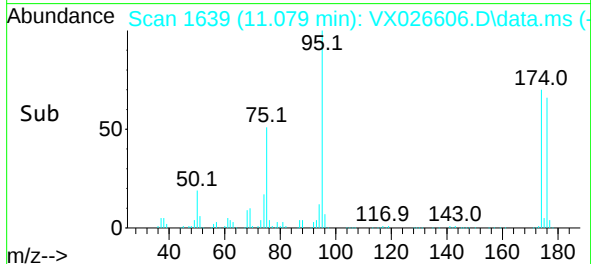
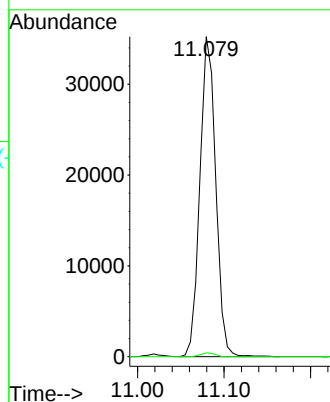
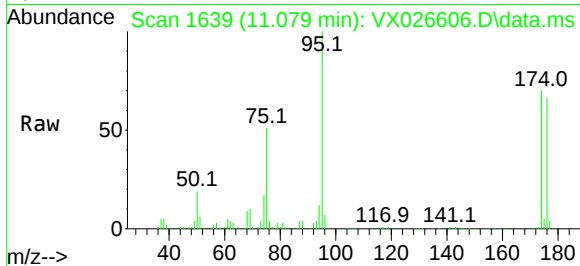




#76
1,2,3-Trichloropropane
Concen: 25.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-8A

Tgt Ion: 75 Resp: 44838
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.950 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026606.D
Acq: 26 Jan 2022 19:43

Tgt Ion: 75 Resp: 44838
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

