

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028984.D
 Acq On : 26 May 2022 05:25
 Operator : JC/MD
 Sample : N3003-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 35-MW-2-20220523

Quant Time: May 26 08:17:46 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)

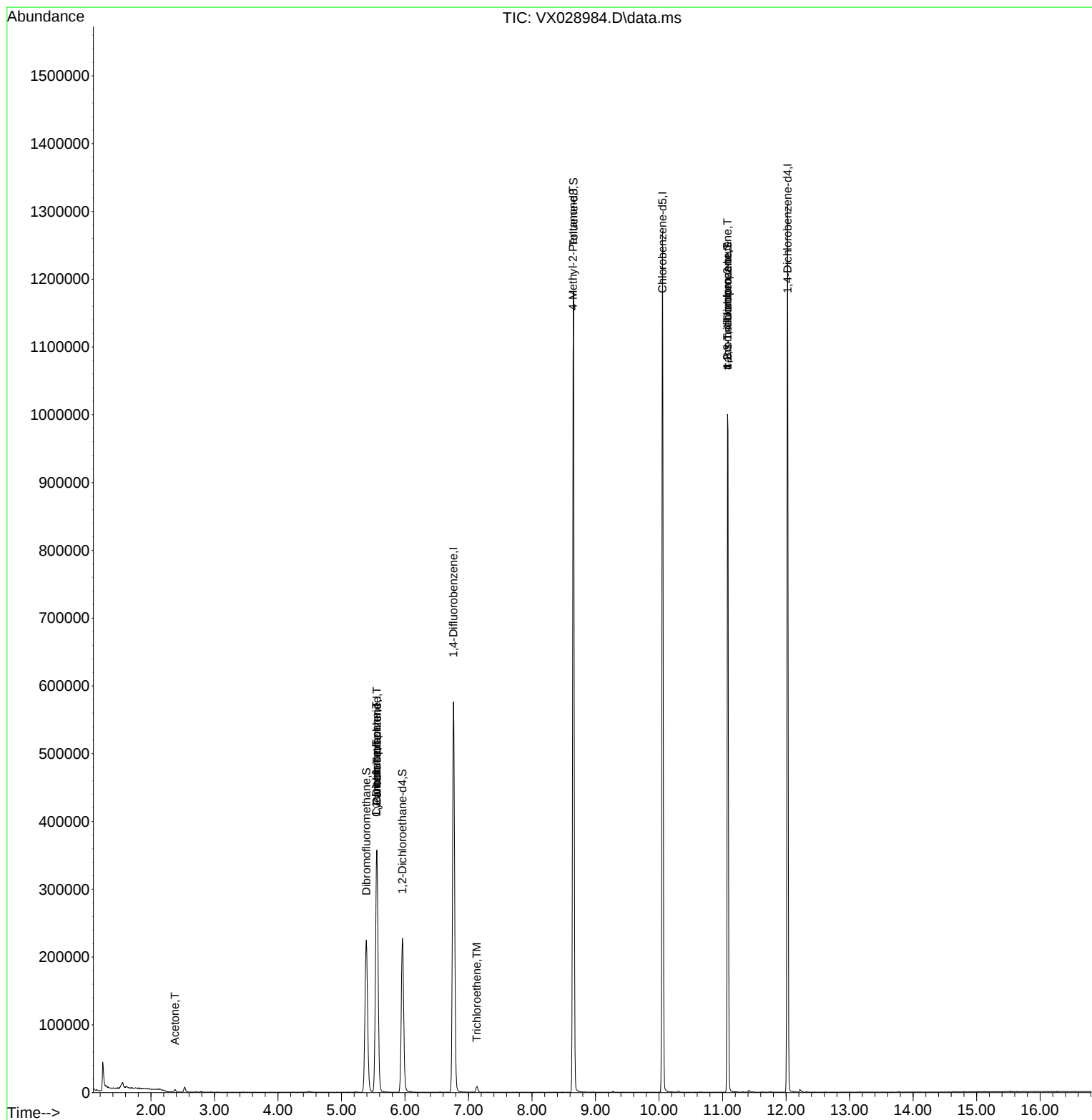
Internal Standards						
1) Pentafluorobenzene	5.556	168	337964	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	600599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223322	48.206	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.420%
35) Dibromofluoromethane	5.391	113	199698	50.749	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.500%
50) Toluene-d8	8.653	98	712442	48.022	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.040%
62) 4-Bromofluorobenzene	11.079	95	278523	50.263	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.520%
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	802	Below Cal		92
6) Chloroethane	1.618	64	496	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	182	Below Cal	#	72
16) Acetone	2.380	43	3916	1.970	ug/l	98
31) Cyclohexane	5.550	56	6572	1.022	ug/l	# 14
36) 1,1-Dichloropropene	5.550	75	25925	4.386	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	35549	5.977	ug/l	# 16
44) Trichloroethene	7.129	130	3478	0.755	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	2926	0.460	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	139552	22.239	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	139552	65.079	ug/l	# 15

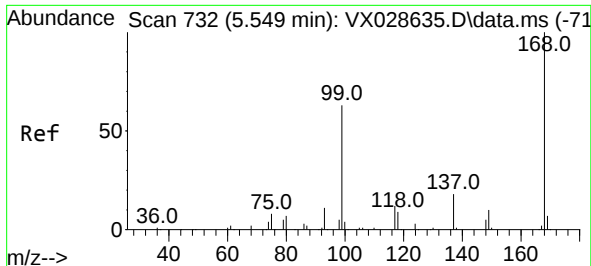
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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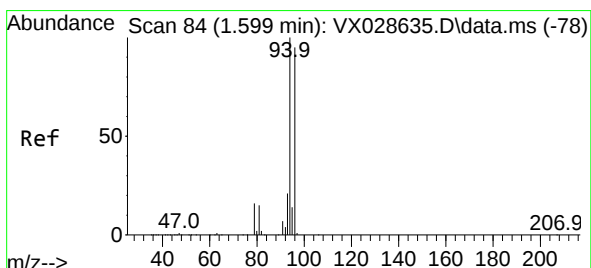
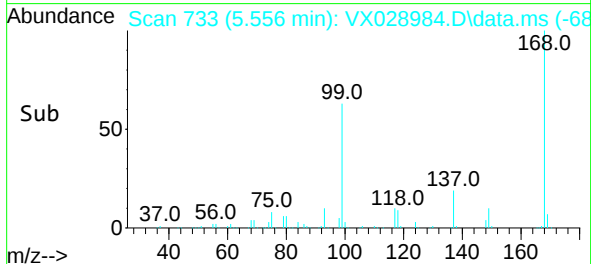
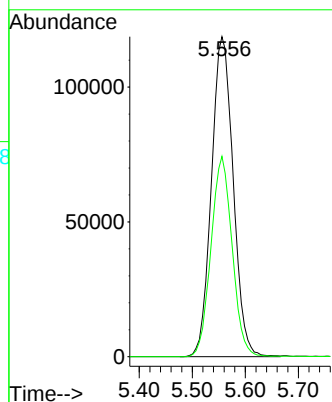
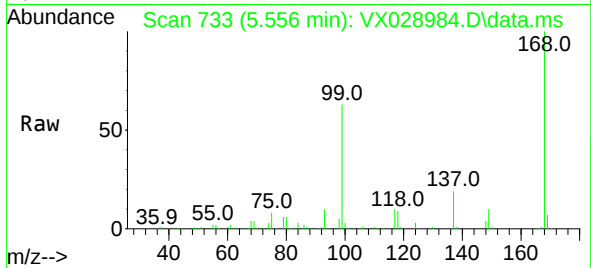




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

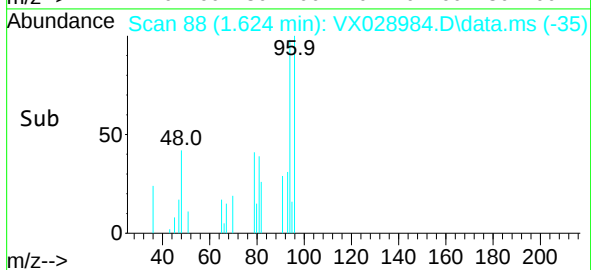
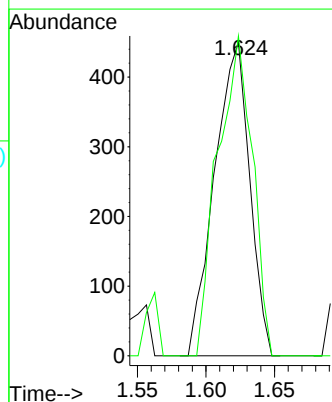
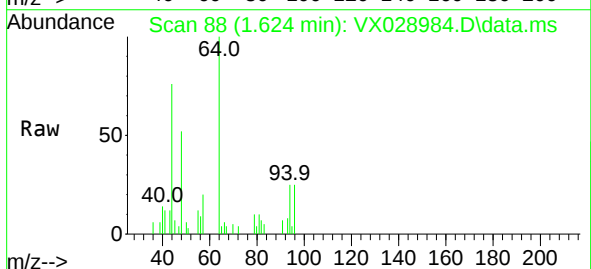
Instrument :
MSVOA_X
ClientSampleId :
35-MW-2-20220523

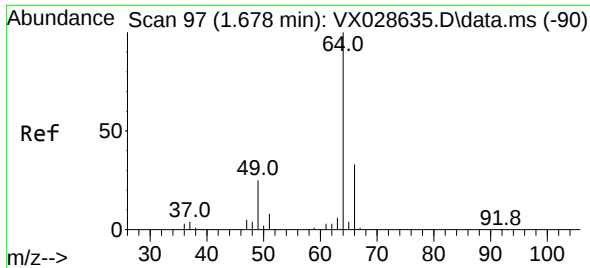
Tgt Ion:168 Resp: 337964
Ion Ratio Lower Upper
168 100
99 62.6 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

Tgt Ion: 94 Resp: 802
Ion Ratio Lower Upper
94 100
96 102.0 75.3 112.9

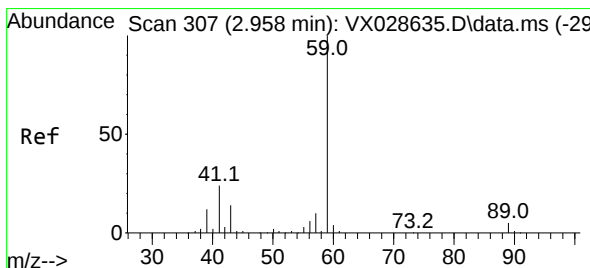
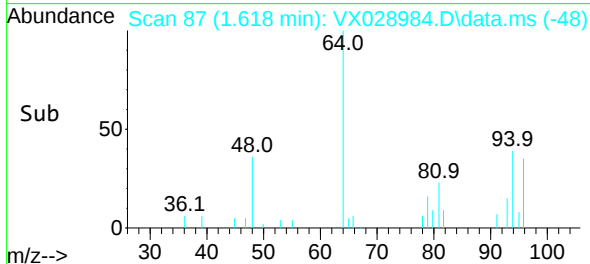
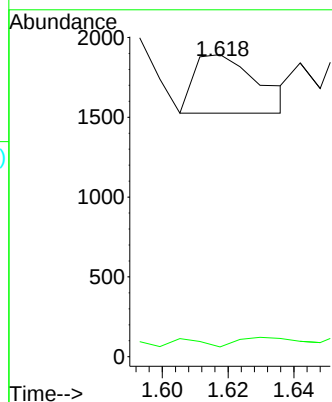
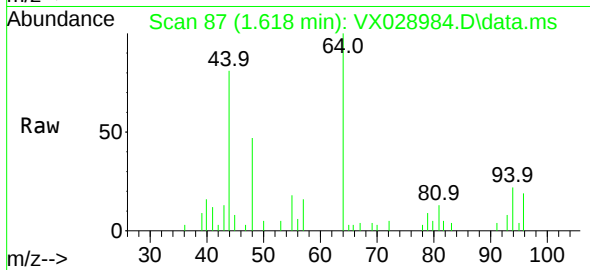




#6
Chloroethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. -0.060 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

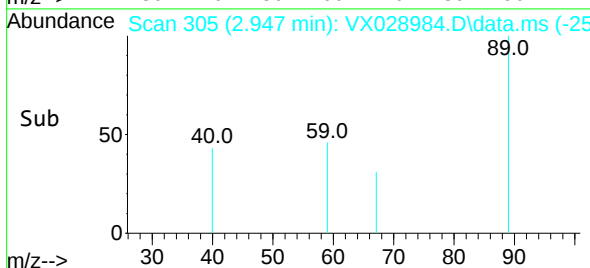
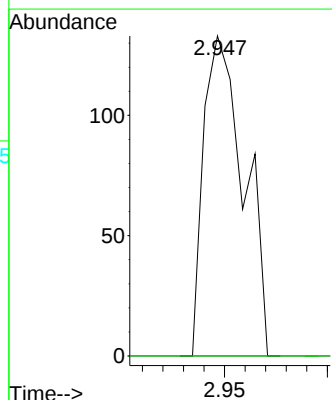
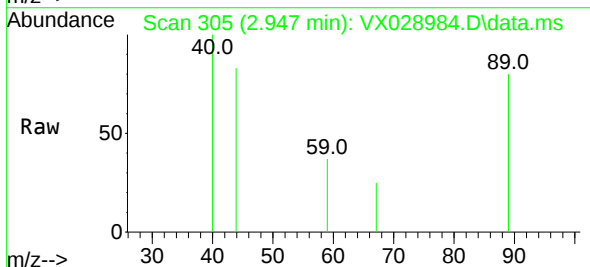
Instrument :
MSVOA_X
ClientSampleId :
35-MW-2-20220523

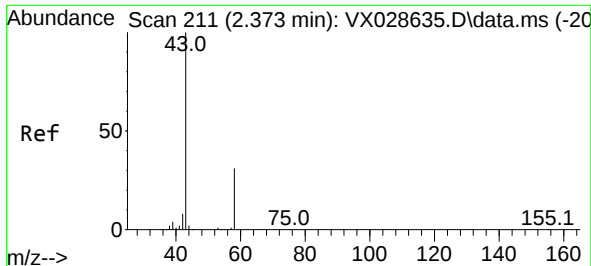
Tgt Ion: 64 Resp: 496
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

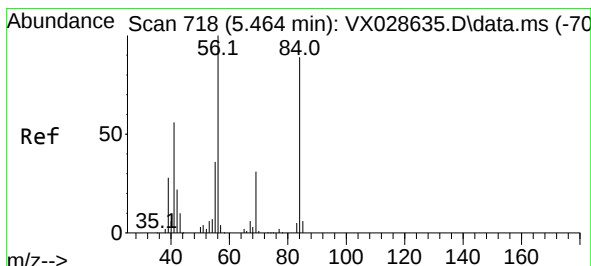
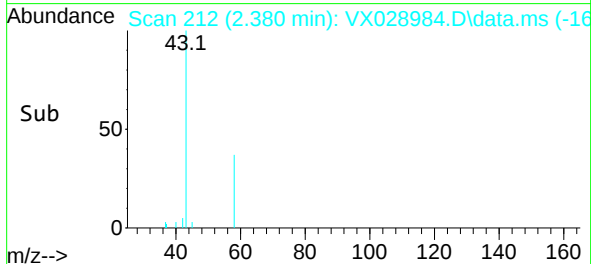
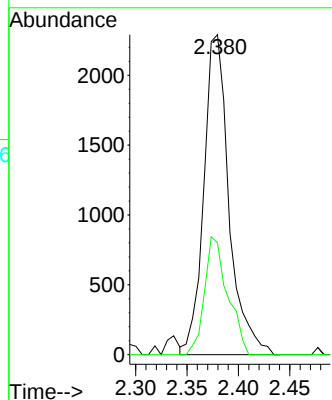
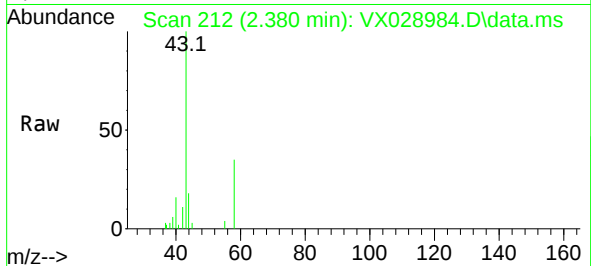




#16
Acetone
Concen: 1.970 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

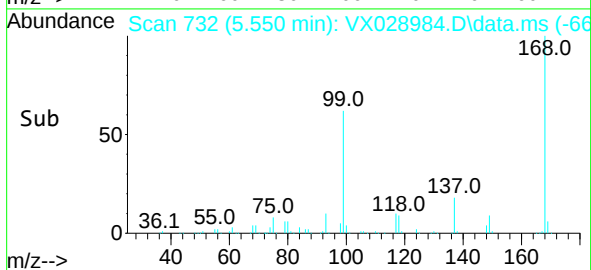
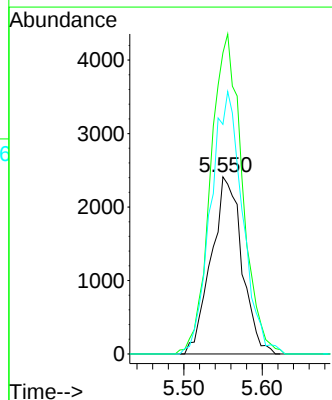
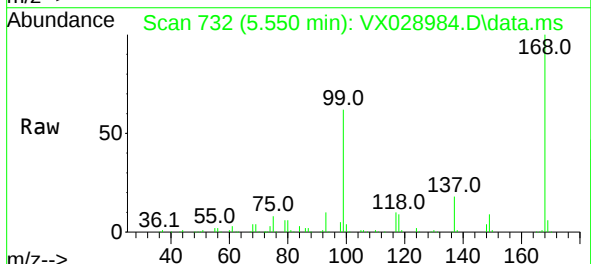
Instrument :
MSVOA_X
ClientSampleId :
35-MW-2-20220523

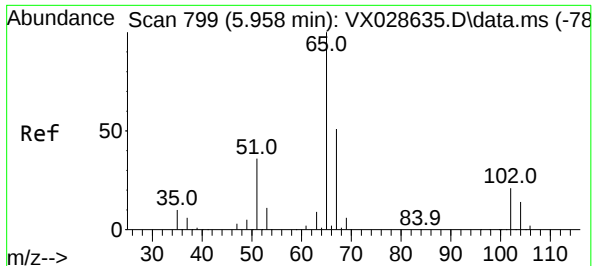
Tgt Ion: 43 Resp: 3916
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2



#31
Cyclohexane
Concen: 1.022 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

Tgt Ion: 56 Resp: 6572
Ion Ratio Lower Upper
56 100
69 167.7 26.7 40.1#
84 129.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.206 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028984.D

Acq: 26 May 2022 05:25

Instrument :

MSVOA_X

ClientSampleId :

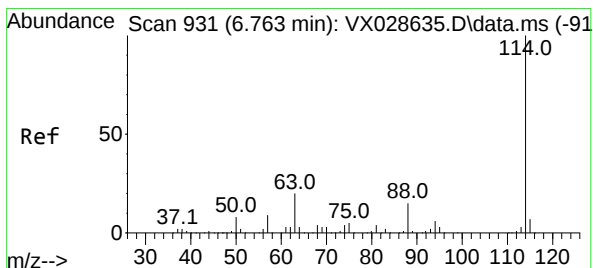
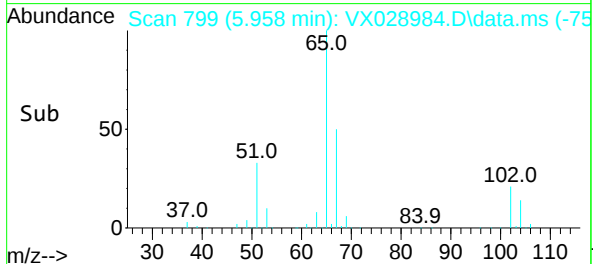
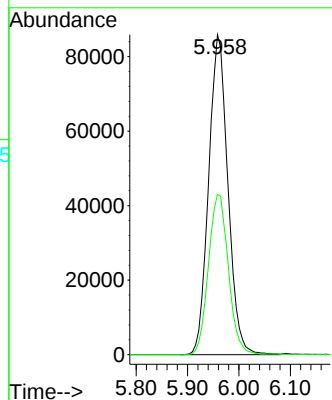
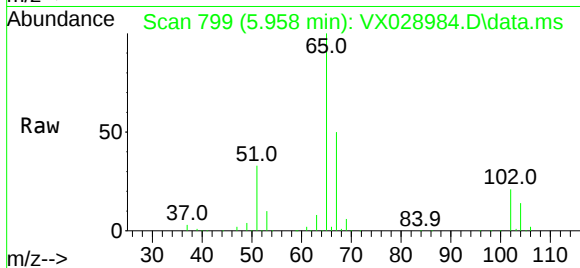
35-MW-2-20220523

Tgt Ion: 65 Resp: 223322

Ion Ratio Lower Upper

65 100

67 51.8 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: VX028984.D

Acq: 26 May 2022 05:25

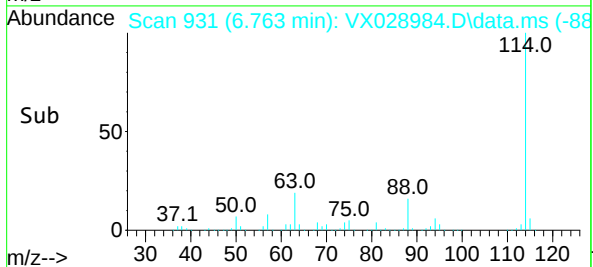
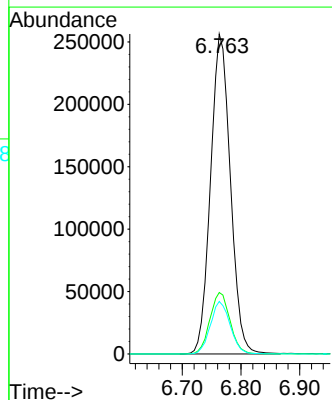
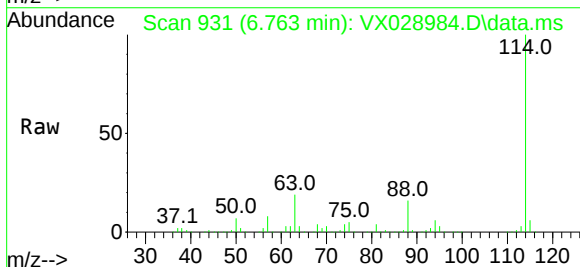
Tgt Ion: 114 Resp: 600599

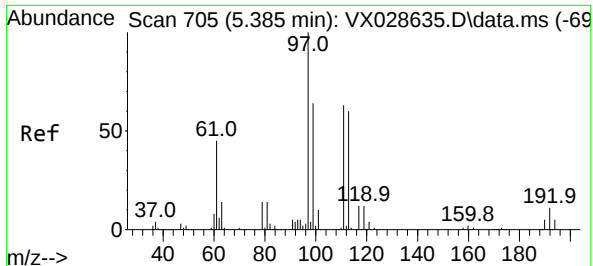
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.749 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028984.D

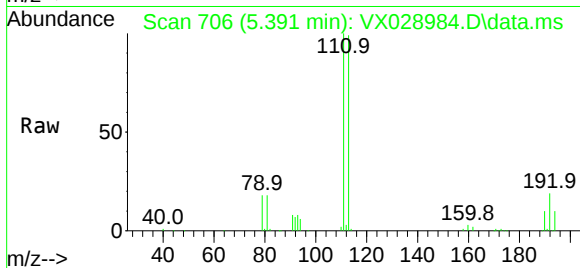
Acq: 26 May 2022 05:25

Instrument :

MSVOA_X

ClientSampleId :

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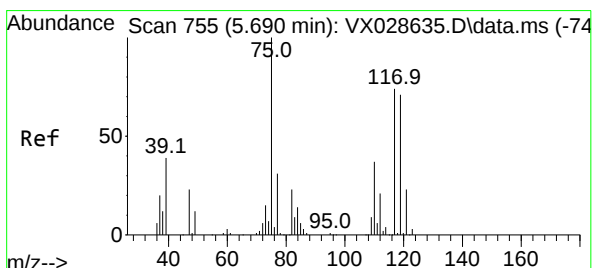
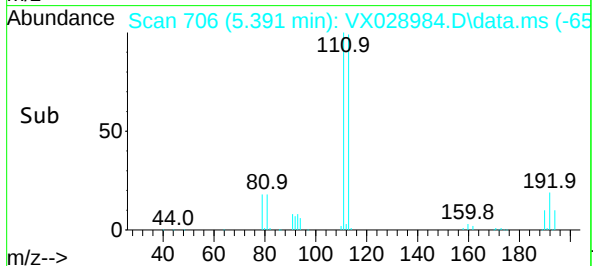
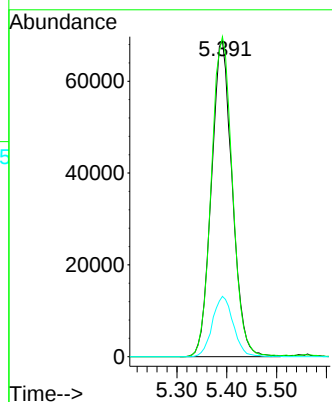
Tgt Ion:113 Resp: 199698

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 19.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028984.D

Acq: 26 May 2022 05:25

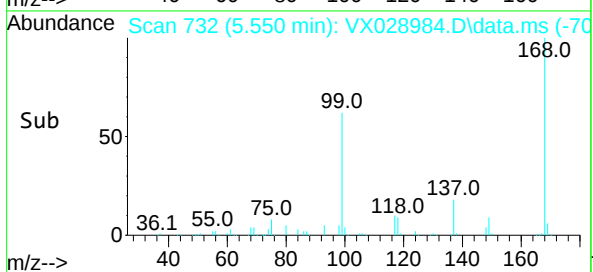
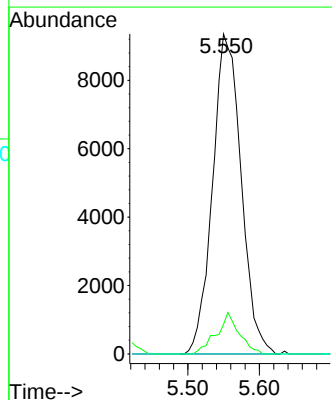
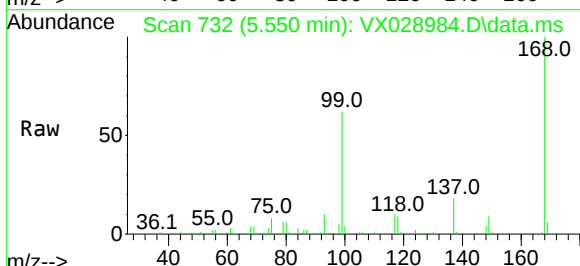
Tgt Ion: 75 Resp: 25925

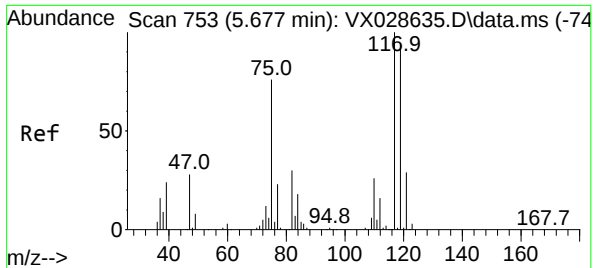
Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

77 0.0 24.8 37.2#

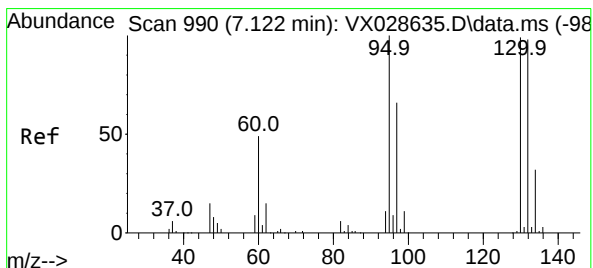
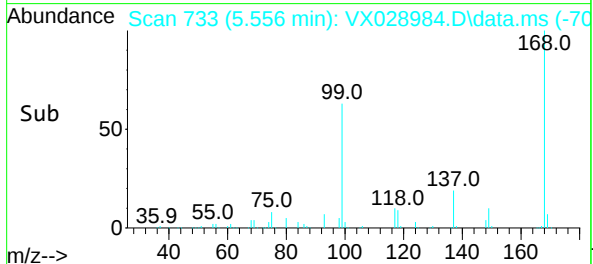
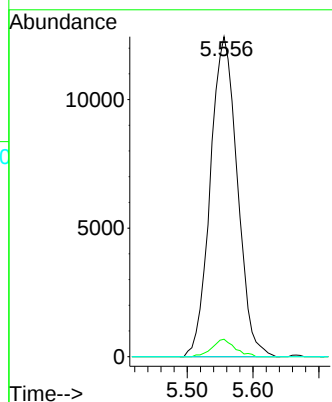
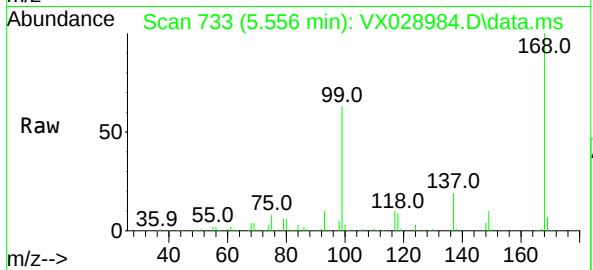




#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

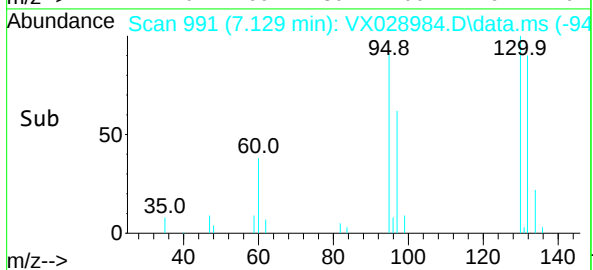
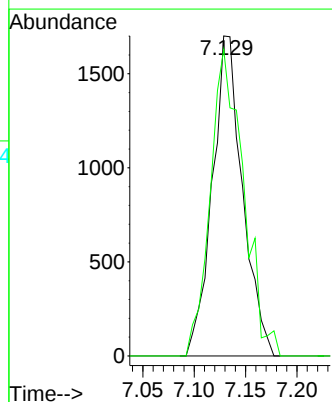
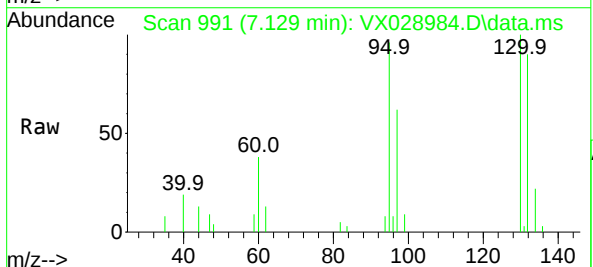
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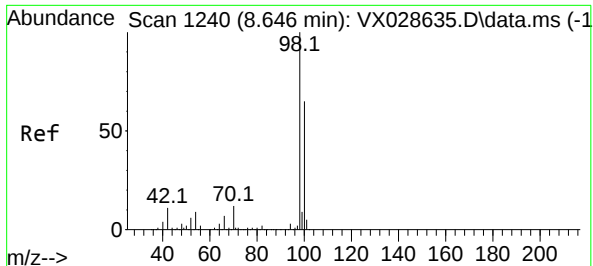
Tgt Ion:117 Resp: 35549
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.755 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

Tgt Ion:130 Resp: 3478
Ion Ratio Lower Upper
130 100
95 95.8 0.0 188.8

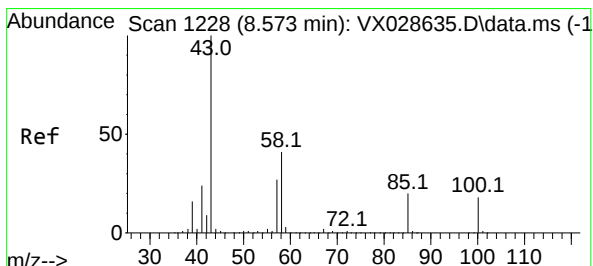
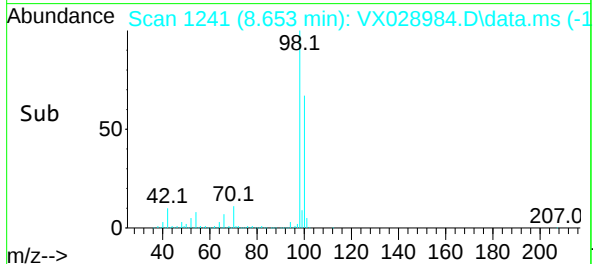
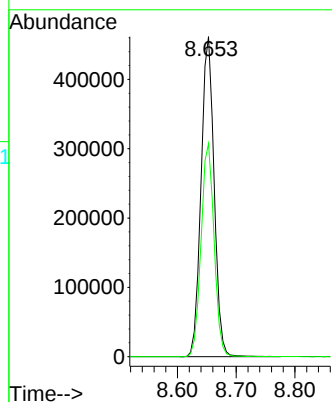
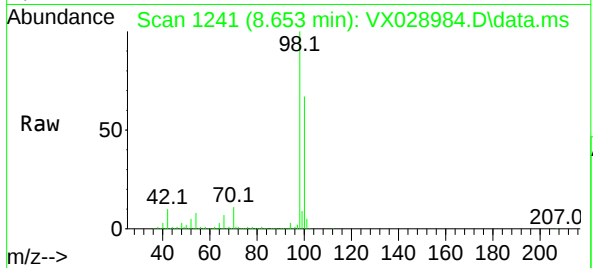




#50
Toluene-d8
Concen: 48.022 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

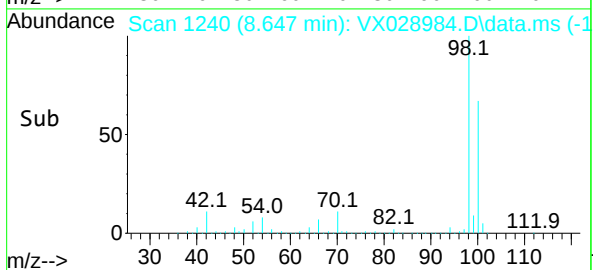
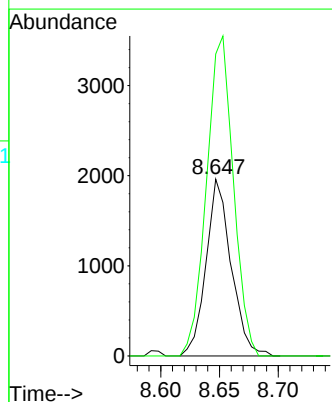
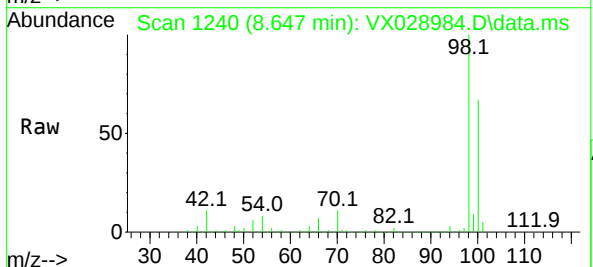
Instrument :
MSVOA_X
ClientSampleId :
35-MW-2-20220523

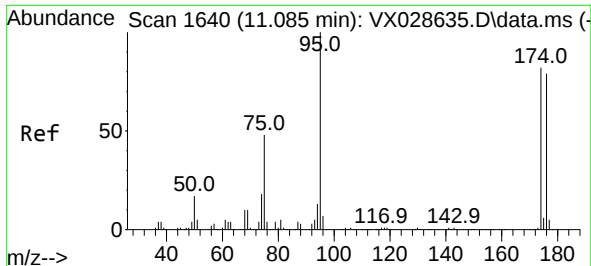
Tgt Ion: 98 Resp: 712442
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.460 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
58 192.9 36.1 54.1#

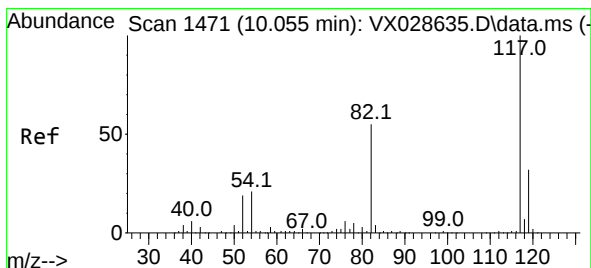
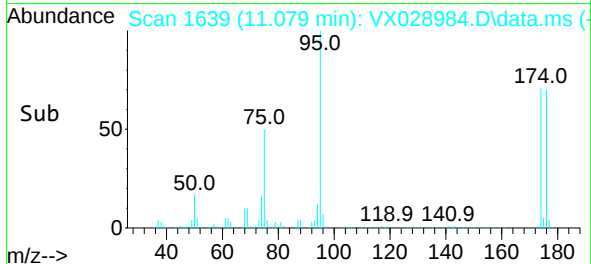
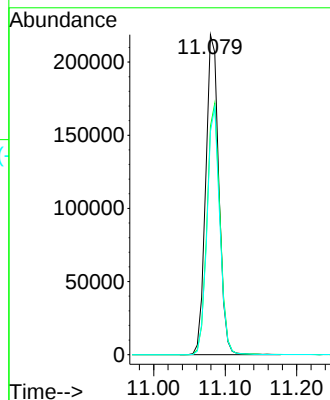
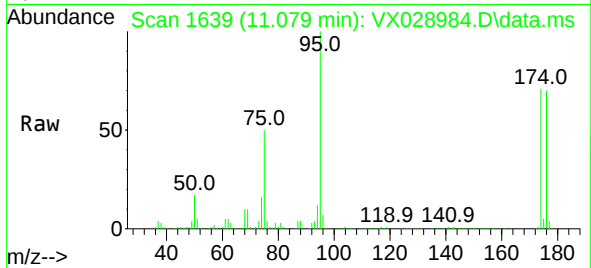




#62
4-Bromofluorobenzene
Concen: 50.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

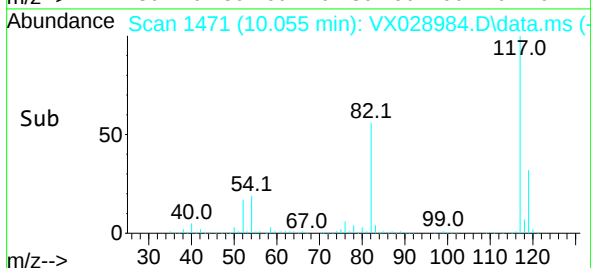
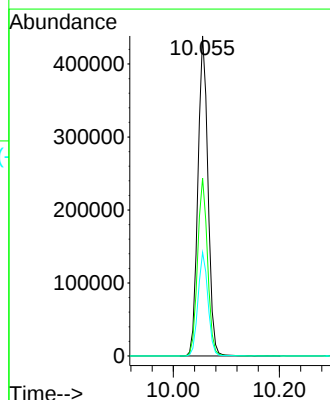
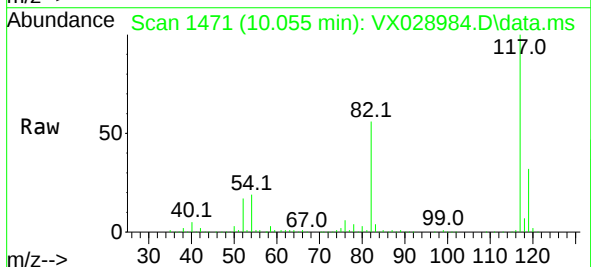
Instrument :
MSVOA_X
ClientSampleId :
35-MW-2-20220523

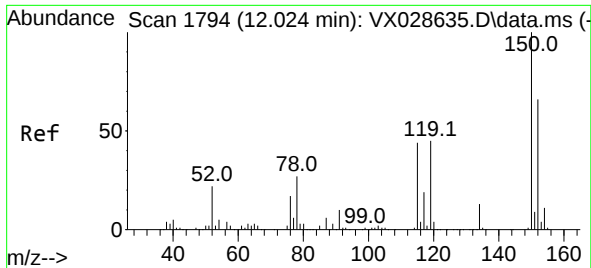
Tgt Ion: 95 Resp: 278523
Ion Ratio Lower Upper
95 100
174 77.8 0.0 163.0
176 75.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

Tgt Ion: 117 Resp: 575997
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.4 24.8 37.2

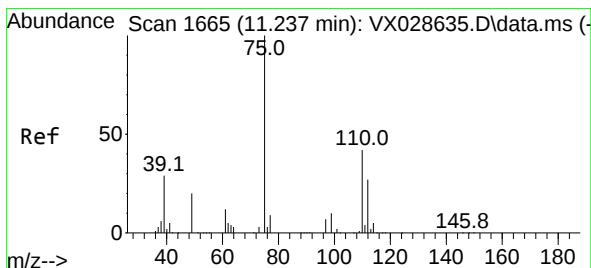
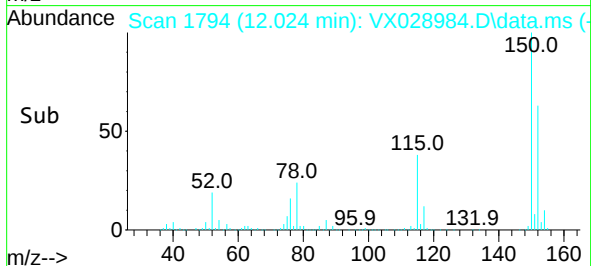
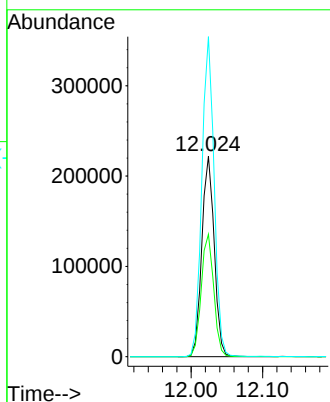
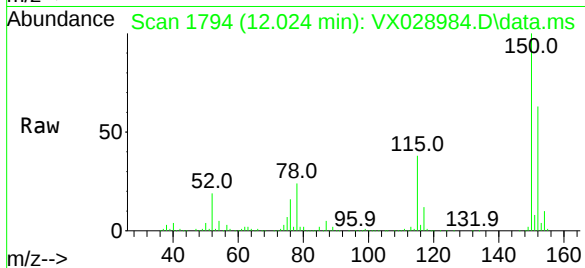




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

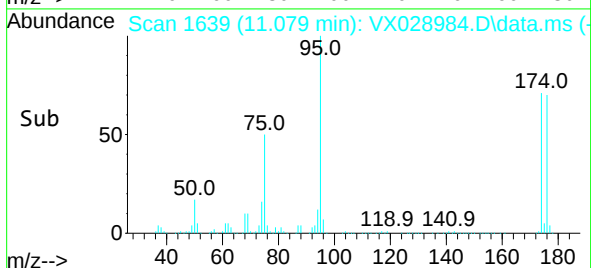
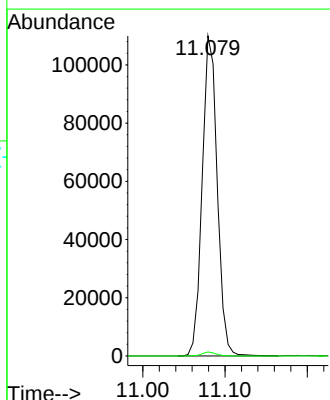
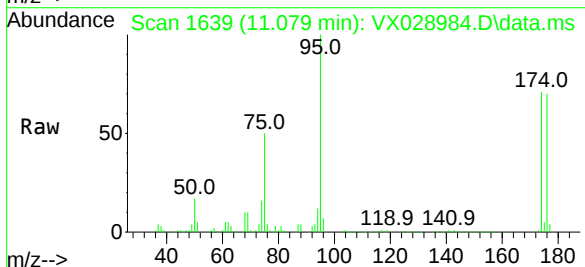
Instrument :
MSVOA_X
ClientSampleId :
35-MW-2-20220523

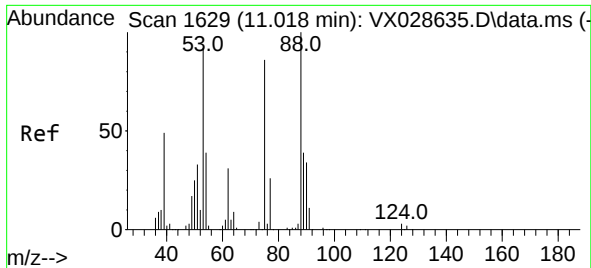
Tgt Ion:152 Resp: 267949
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 157.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.239 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028984.D
Acq: 26 May 2022 05:25

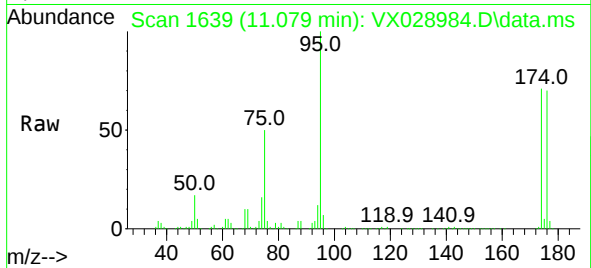
Tgt Ion: 75 Resp: 139552
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.079 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028984.D
 Acq: 26 May 2022 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 35-MW-2-20220523



Tgt Ion: 75 Resp: 139552
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

