

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030980.D
 Acq On : 31 Aug 2022 15:57
 Operator : JC/MD
 Sample : N4381-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Sep 06 02:18:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

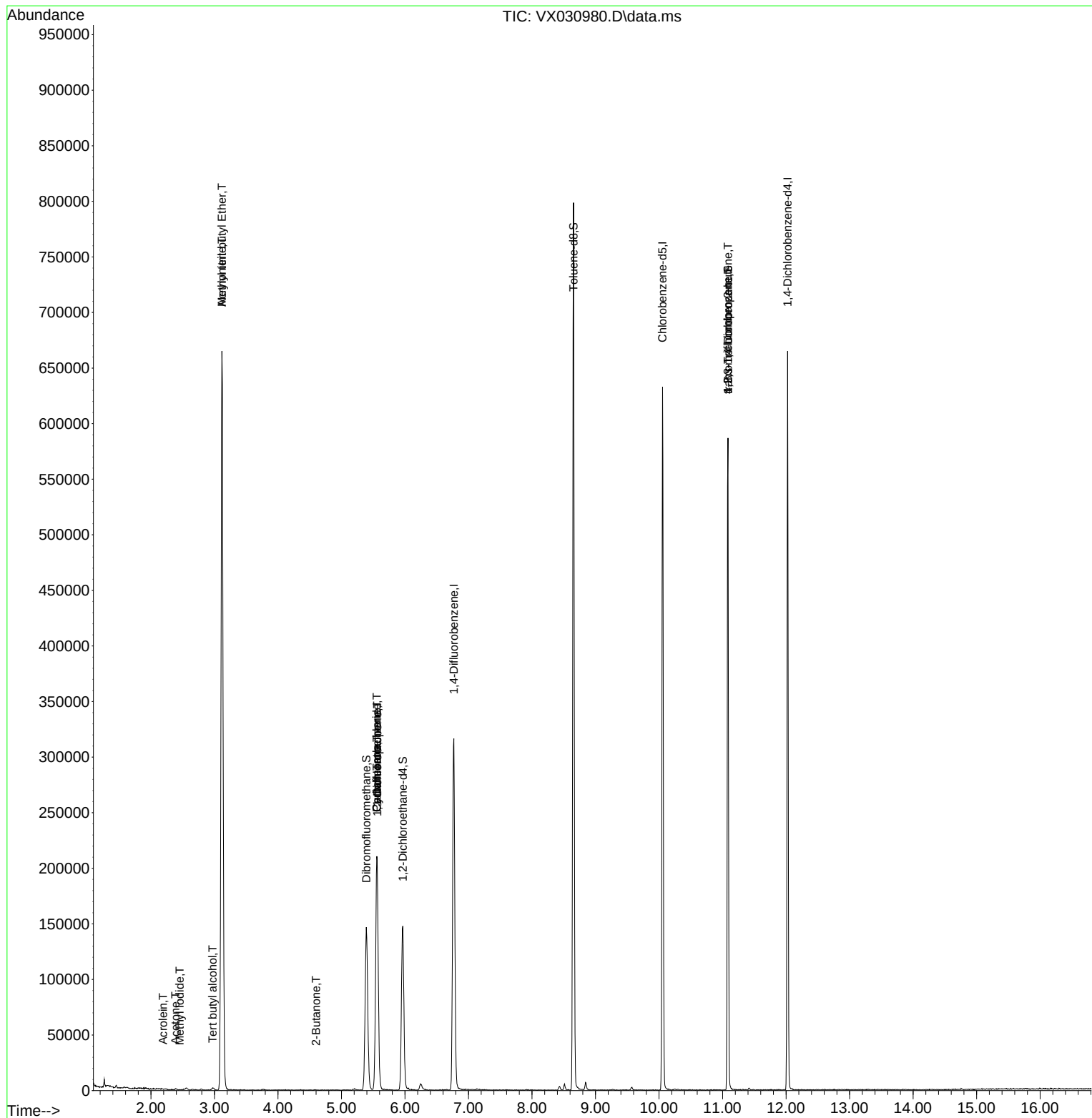
Internal Standards						
1) Pentafluorobenzene	5.556	168	207310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141588	47.618	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.240%
35) Dibromofluoromethane	5.391	113	130335	51.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	8.653	98	487998	51.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.300%
62) 4-Bromofluorobenzene	11.085	95	164094	48.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	20	Below Cal	#	2
10) Methyl Iodide	2.453	142	195	4.451	ug/l #	75
11) Tert butyl alcohol	2.971	59	2656	3.770	ug/l #	74
13) Acrolein	2.191	56	75	7.478	ug/l #	14
15) Acrylonitrile	3.117	53	7513	4.830	ug/l #	30
16) Acetone	2.386	43	1150	0.857	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	778234	94.836	ug/l	94
25) 2-Butanone	4.599	43	456	0.210	ug/l #	48
31) Cyclohexane	5.556	56	3329	0.756	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	15513	4.091	ug/l #	46
38) Carbon Tetrachloride	5.556	117	20262	5.613	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	77428	22.286	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	77428	66.259	ug/l #	13

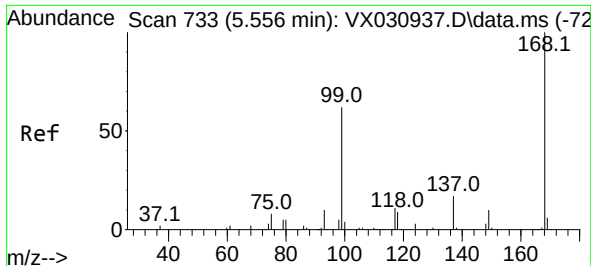
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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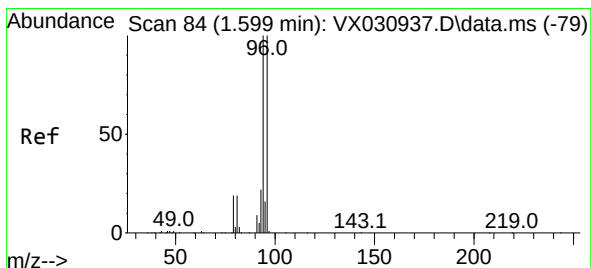
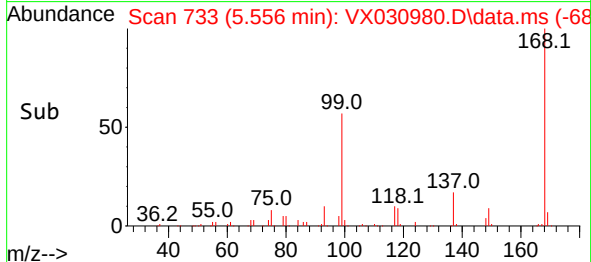
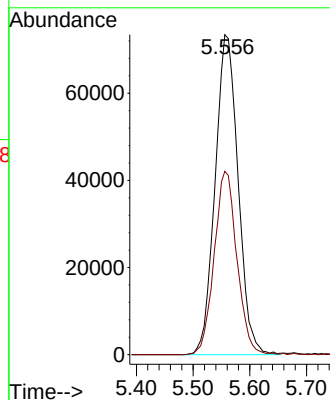
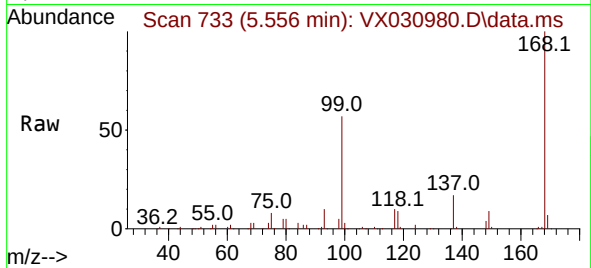




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

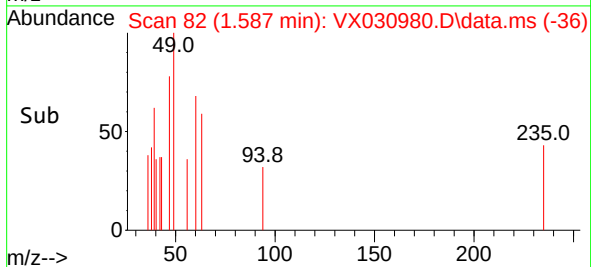
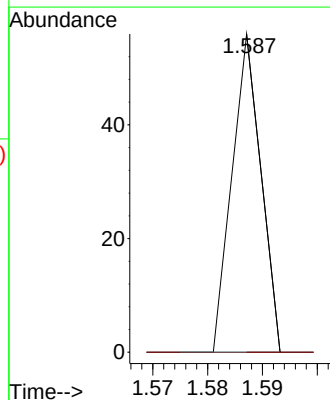
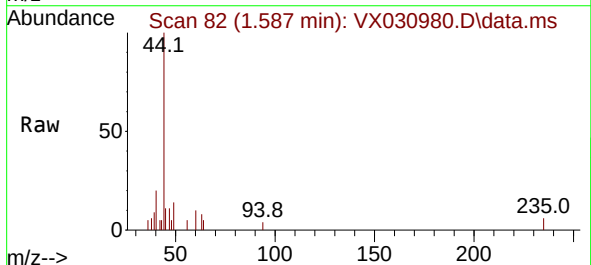
Instrument :
MSVOA_X
ClientSampleId :
MW-26

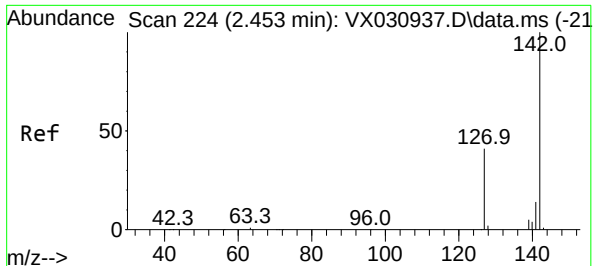
Tgt Ion:168 Resp: 207310
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.018 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#

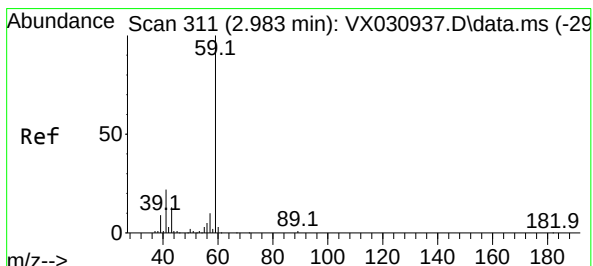
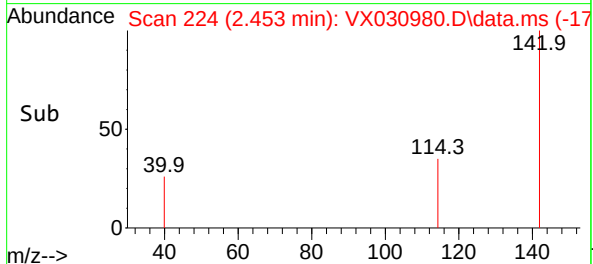
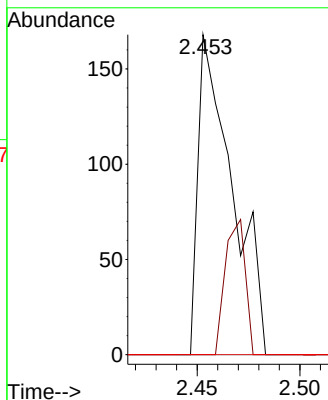
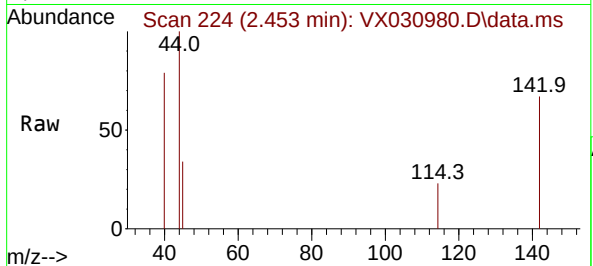




#10
Methyl Iodide
Concen: 4.451 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

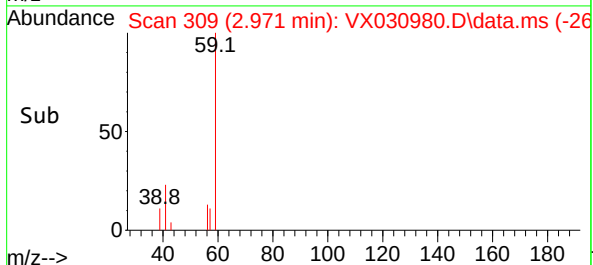
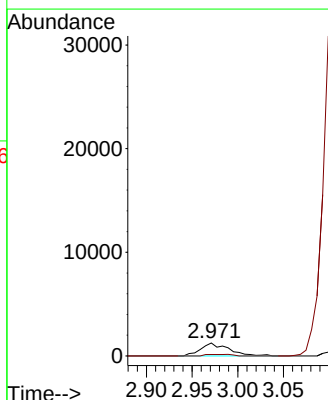
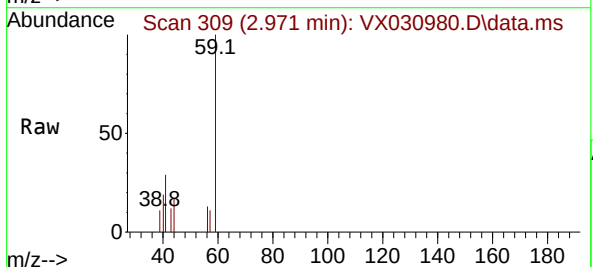
Instrument :
MSVOA_X
ClientSampleId :
MW-26

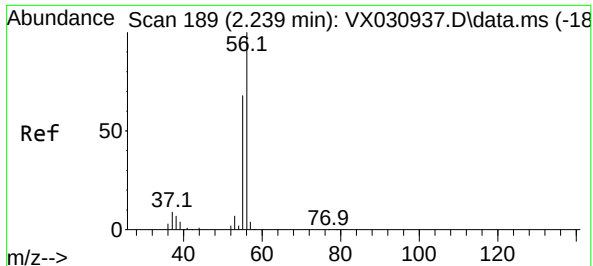
Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
127 24.6 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 3.770 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 59 Resp: 2656
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

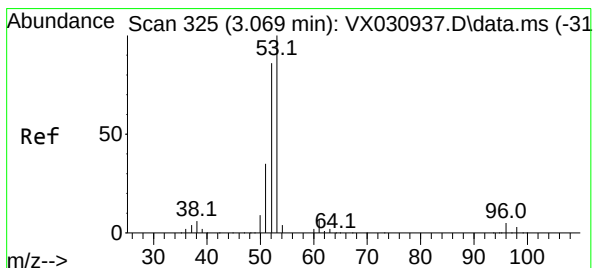
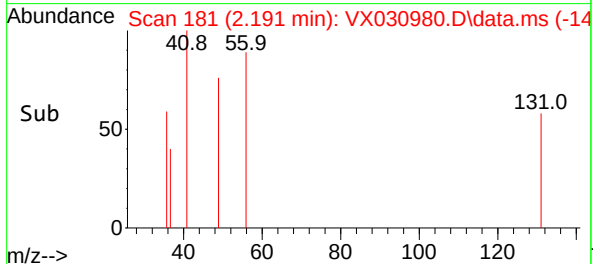
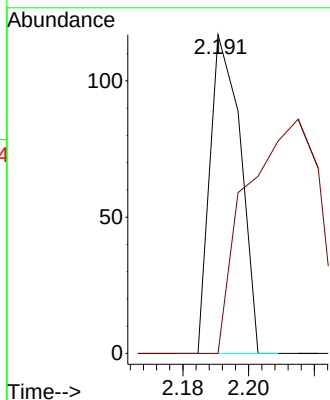
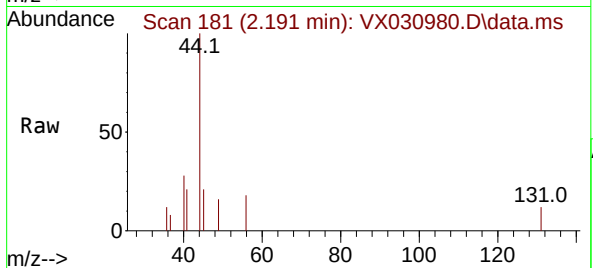




#13
Acrolein
Concen: 7.478 ug/l
RT: 2.191 min Scan# 11
Delta R.T. -0.048 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

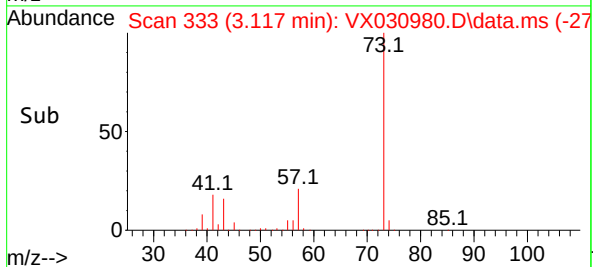
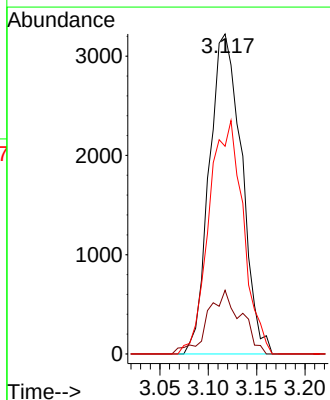
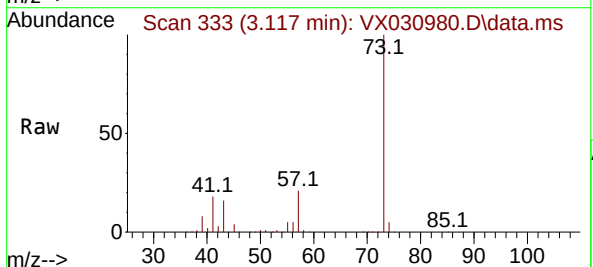
Instrument :
MSVOA_X
ClientSampleId :
MW-26

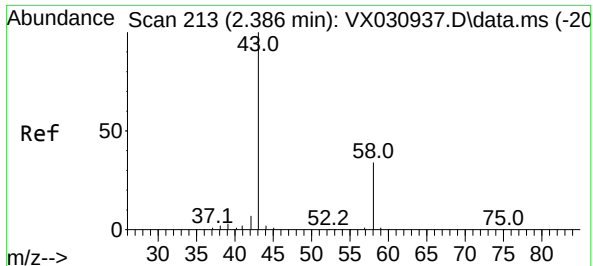
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#15
Acrylonitrile
Concen: 4.830 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.048 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 53 Resp: 7513
Ion Ratio Lower Upper
53 100
52 20.7 65.4 98.0#
51 76.9 27.7 41.5#

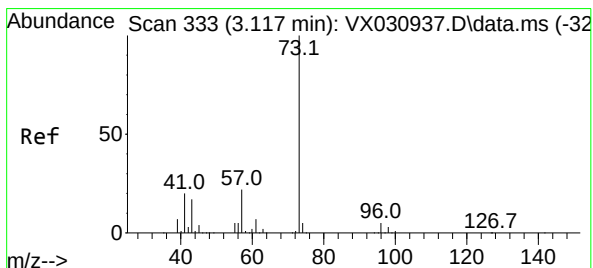
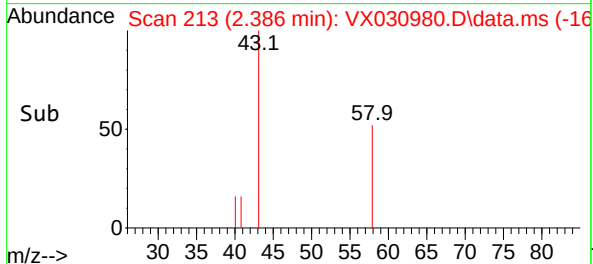
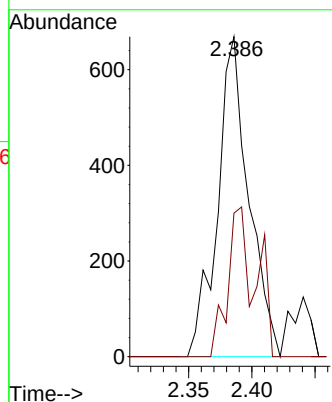
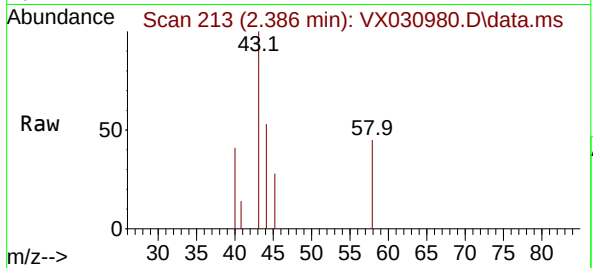




#16
Acetone
Concen: 0.857 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

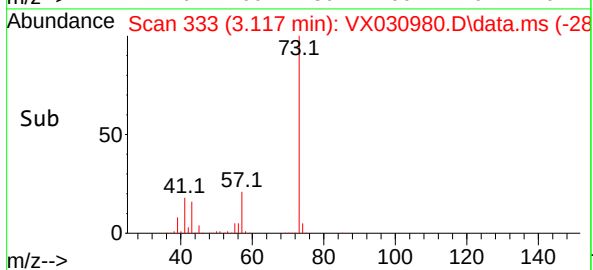
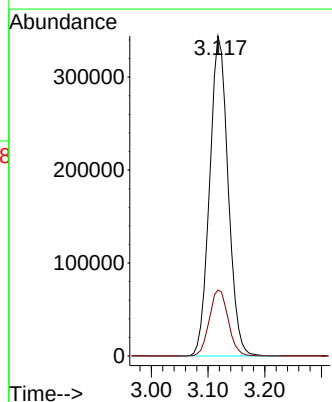
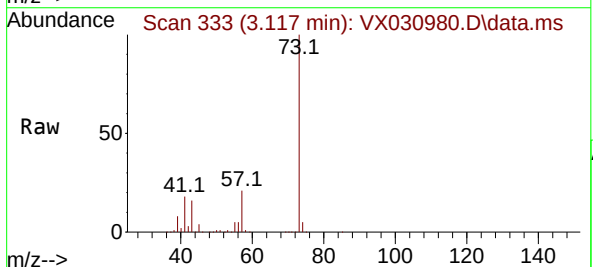
Instrument : MSVOA_X
ClientSampleId : MW-26

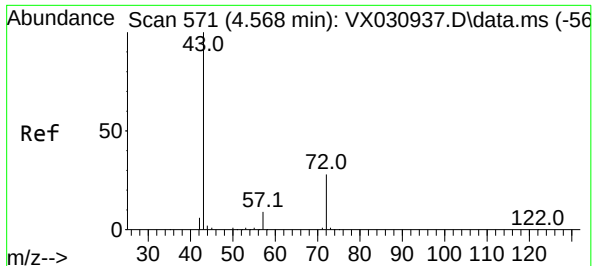
Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 44.8 27.7 41.5#



#19
Methyl tert-butyl Ether
Concen: 94.836 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 73 Resp: 778234
Ion Ratio Lower Upper
73 100
57 20.6 19.0 28.6





#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

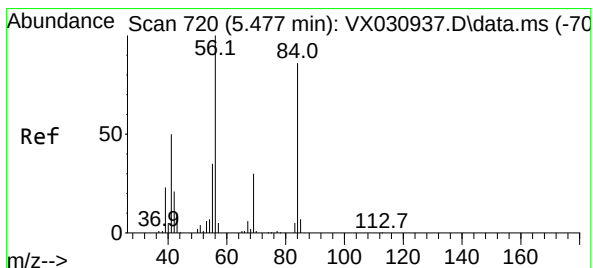
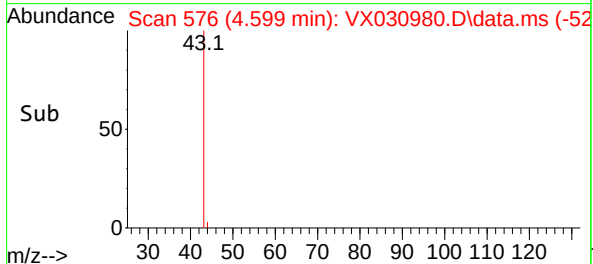
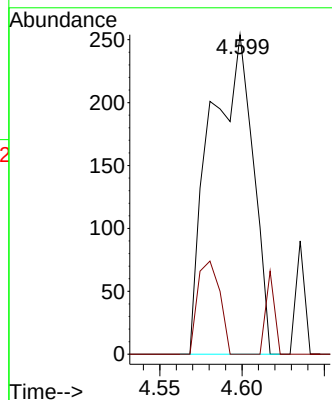
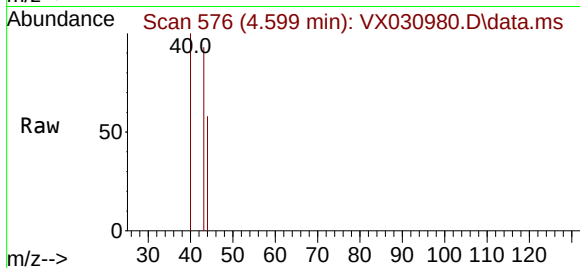
MW-26

Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 0.756 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

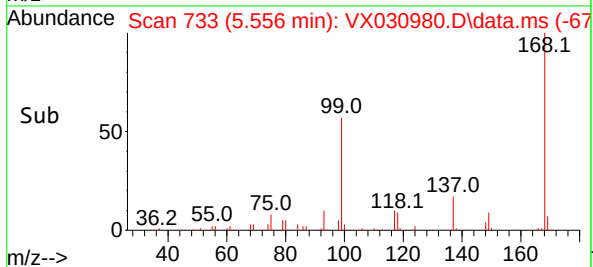
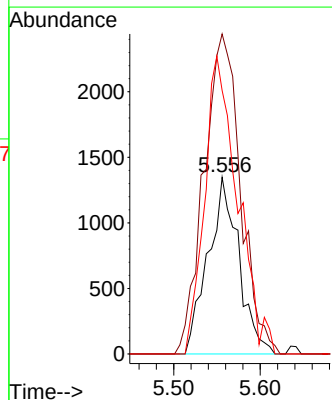
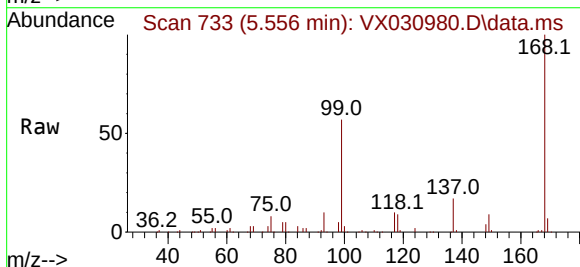
Tgt Ion: 56 Resp: 3329

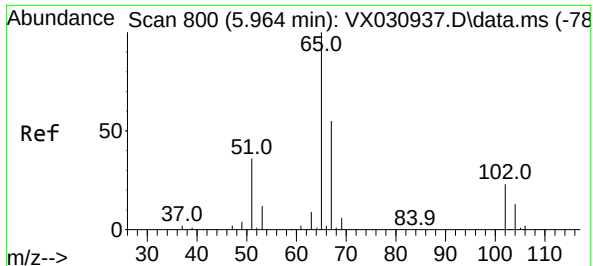
Ion Ratio Lower Upper

56 100

69 181.1 25.4 38.0#

84 149.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.618 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

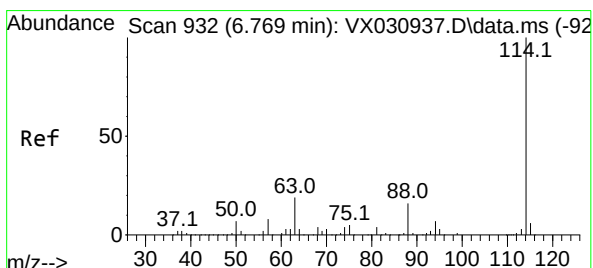
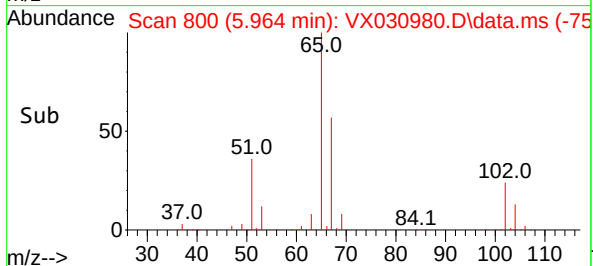
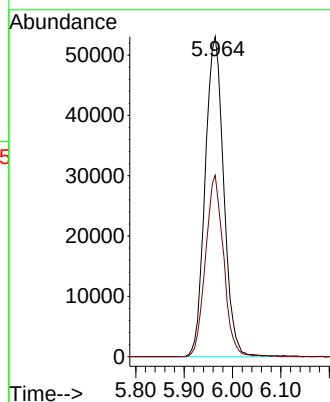
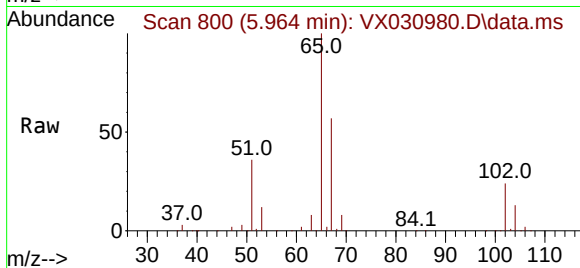
MW-26

Tgt Ion: 65 Resp: 141588

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

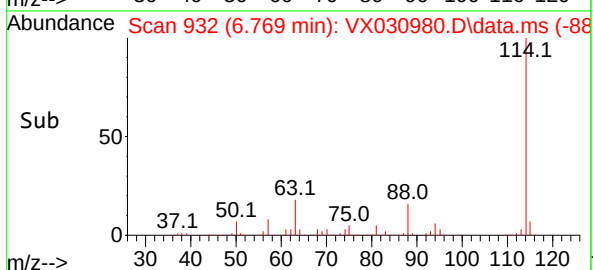
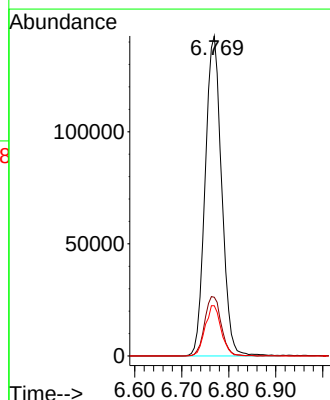
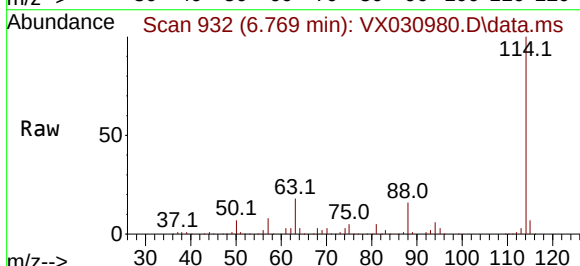
Tgt Ion: 114 Resp: 346088

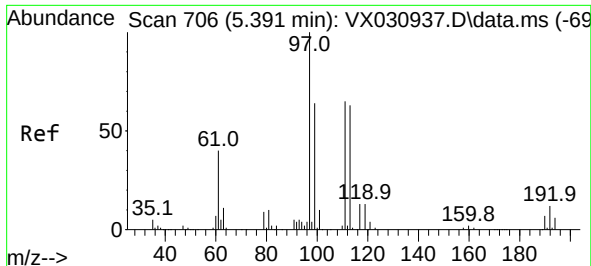
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 15.7 0.0 31.8

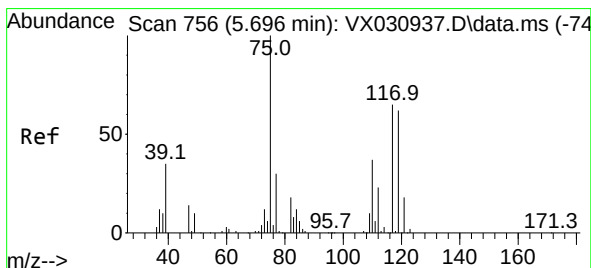
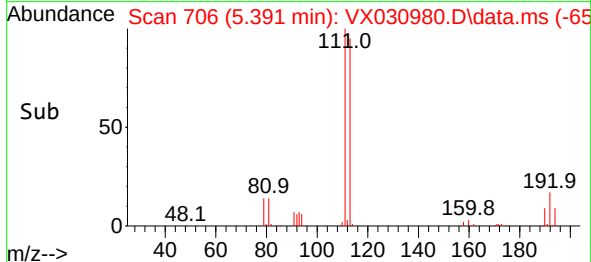
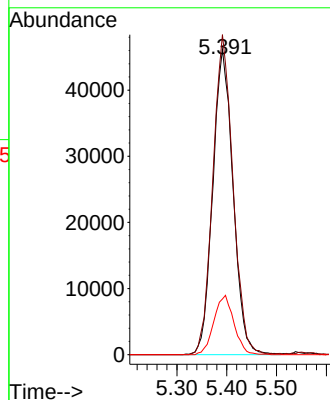
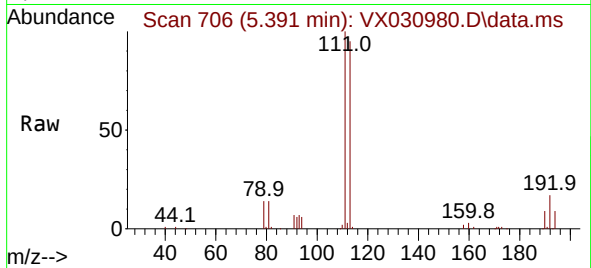




#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

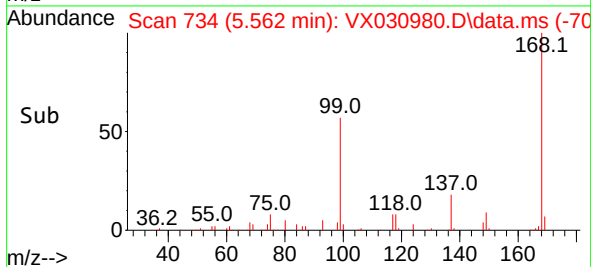
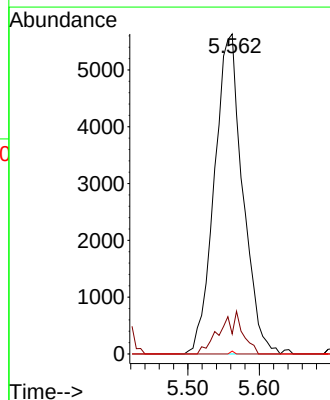
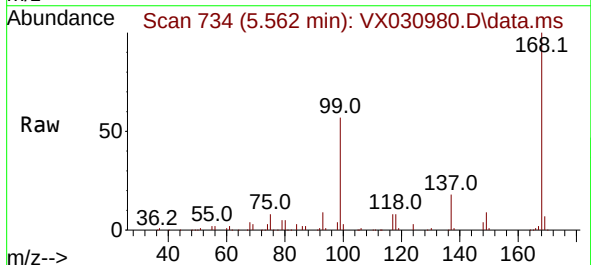
Instrument :
MSVOA_X
ClientSampleId :
MW-26

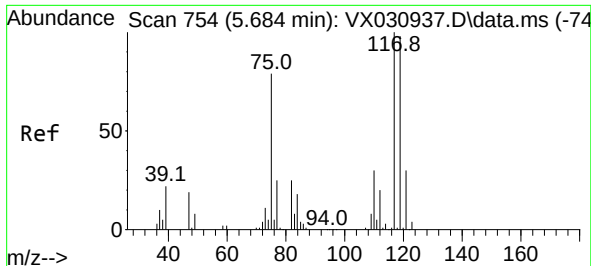
Tgt Ion:113 Resp: 130335
Ion Ratio Lower Upper
113 100
111 104.2 83.2 124.8
192 19.2 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.091 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 75 Resp: 15513
Ion Ratio Lower Upper
75 100
110 6.3 19.3 57.9#
77 0.1 24.4 36.6#

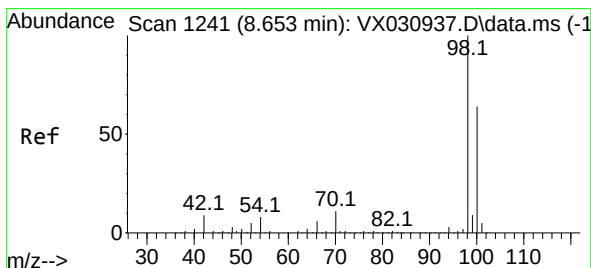
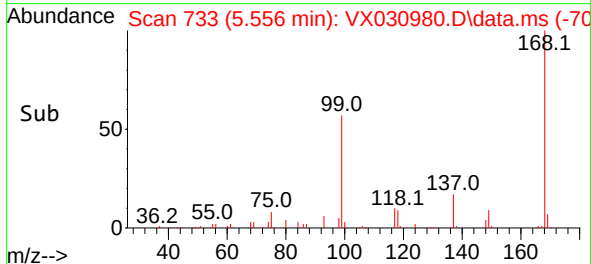
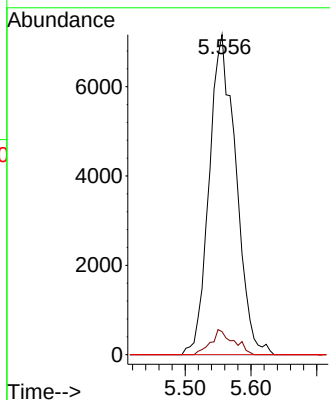
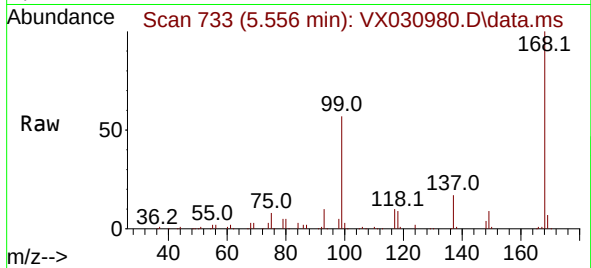




#38
Carbon Tetrachloride
Concen: 5.613 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

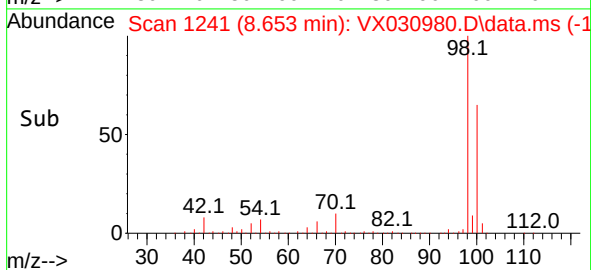
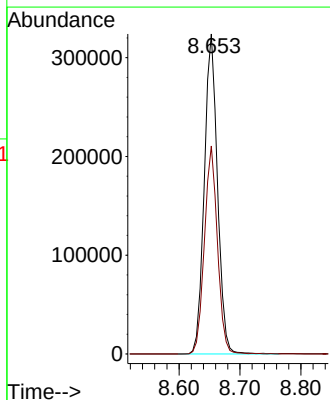
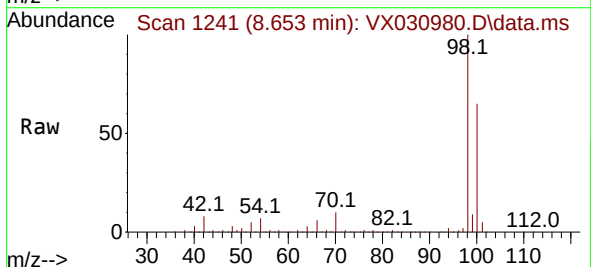
Instrument :
MSVOA_X
ClientSampleId :
MW-26

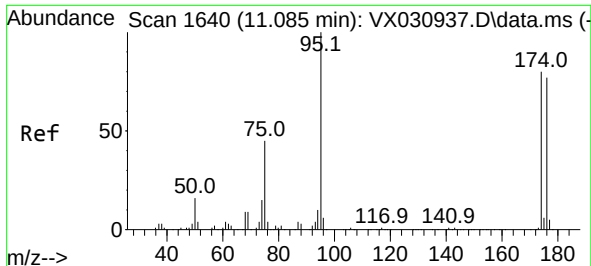
Tgt Ion:117 Resp: 20262
Ion Ratio Lower Upper
117 100
119 7.2 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 51.651 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030980.D
Acq: 31 Aug 2022 15:57

Tgt Ion: 98 Resp: 487998
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 48.773 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

Instrument :

MSVOA_X

ClientSampleId :

MW-26

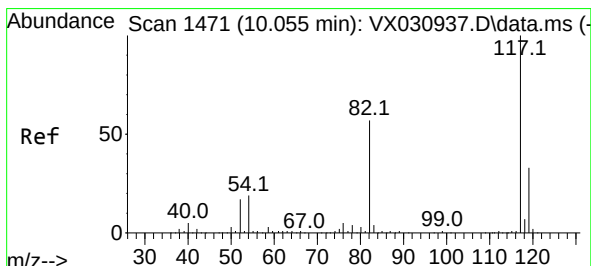
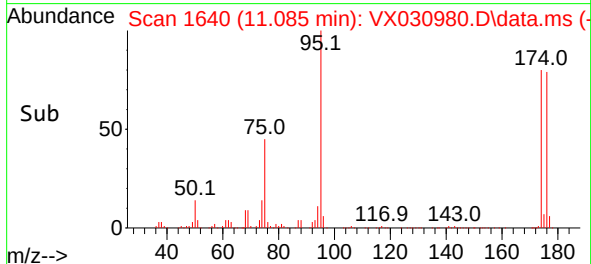
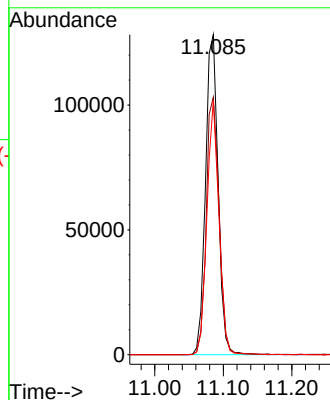
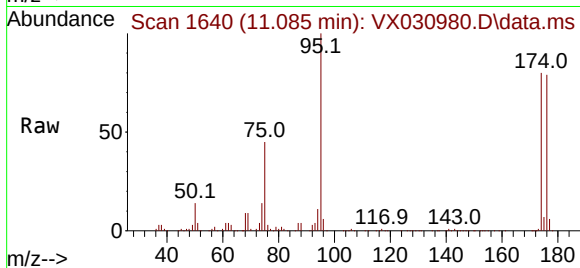
Tgt Ion: 95 Resp: 164094

Ion Ratio Lower Upper

95 100

174 82.2 0.0 149.0

176 76.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030980.D

Acq: 31 Aug 2022 15:57

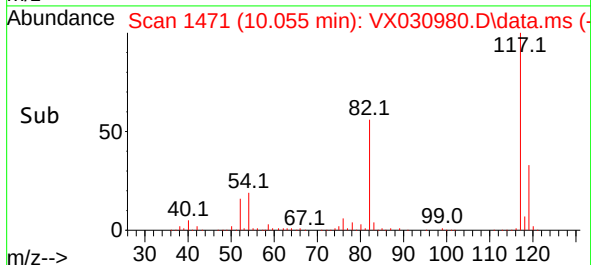
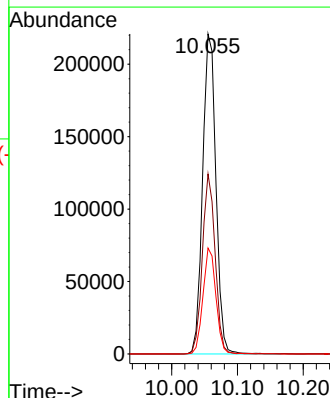
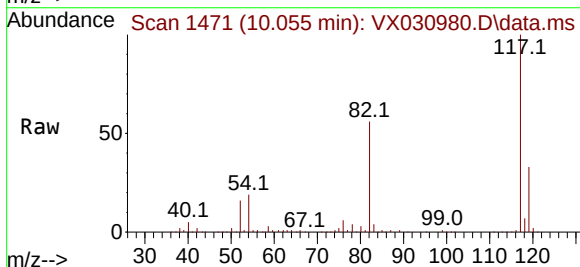
Tgt Ion: 117 Resp: 310398

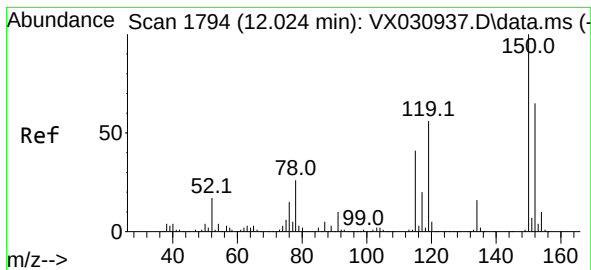
Ion Ratio Lower Upper

117 100

82 56.2 42.7 64.1

119 33.1 25.4 38.2

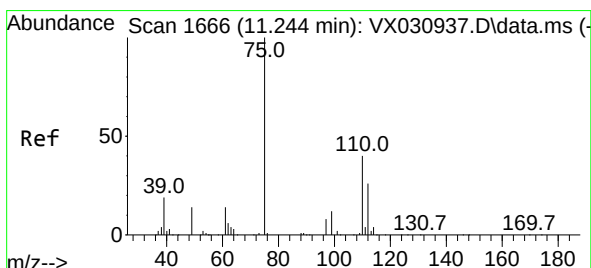
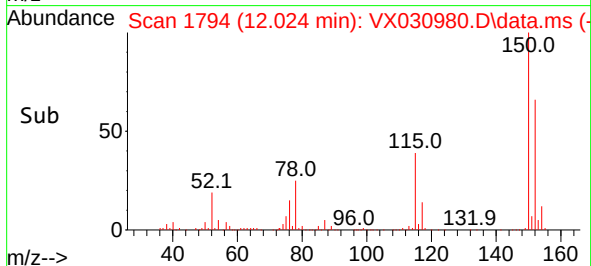
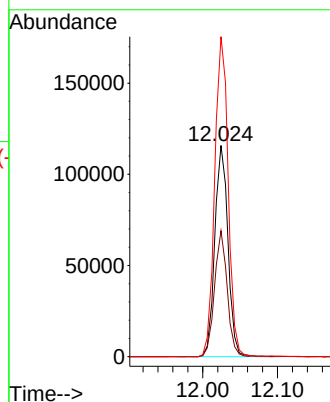
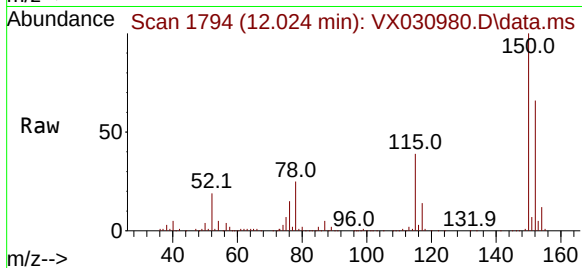




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030980.D
 Acq: 31 Aug 2022 15:57

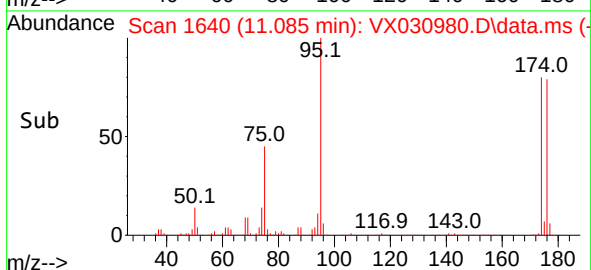
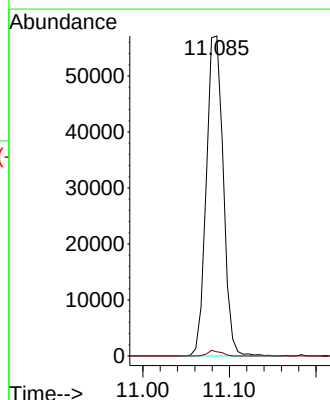
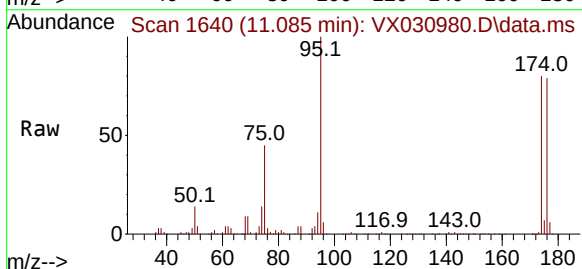
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

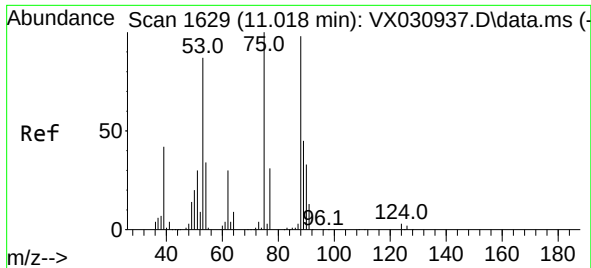
Tgt Ion:152 Resp: 141125
 Ion Ratio Lower Upper
 152 100
 115 57.6 40.5 121.5
 150 154.8 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.286 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030980.D
 Acq: 31 Aug 2022 15:57

Tgt Ion: 75 Resp: 77428
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.259 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030980.D
 Acq: 31 Aug 2022 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Tgt Ion: 75 Resp: 77428
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

