

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031985.D
 Acq On : 08 Oct 2022 01:56
 Operator : JC/MD
 Sample : N4937-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-116

Quant Time: Oct 08 06:34:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

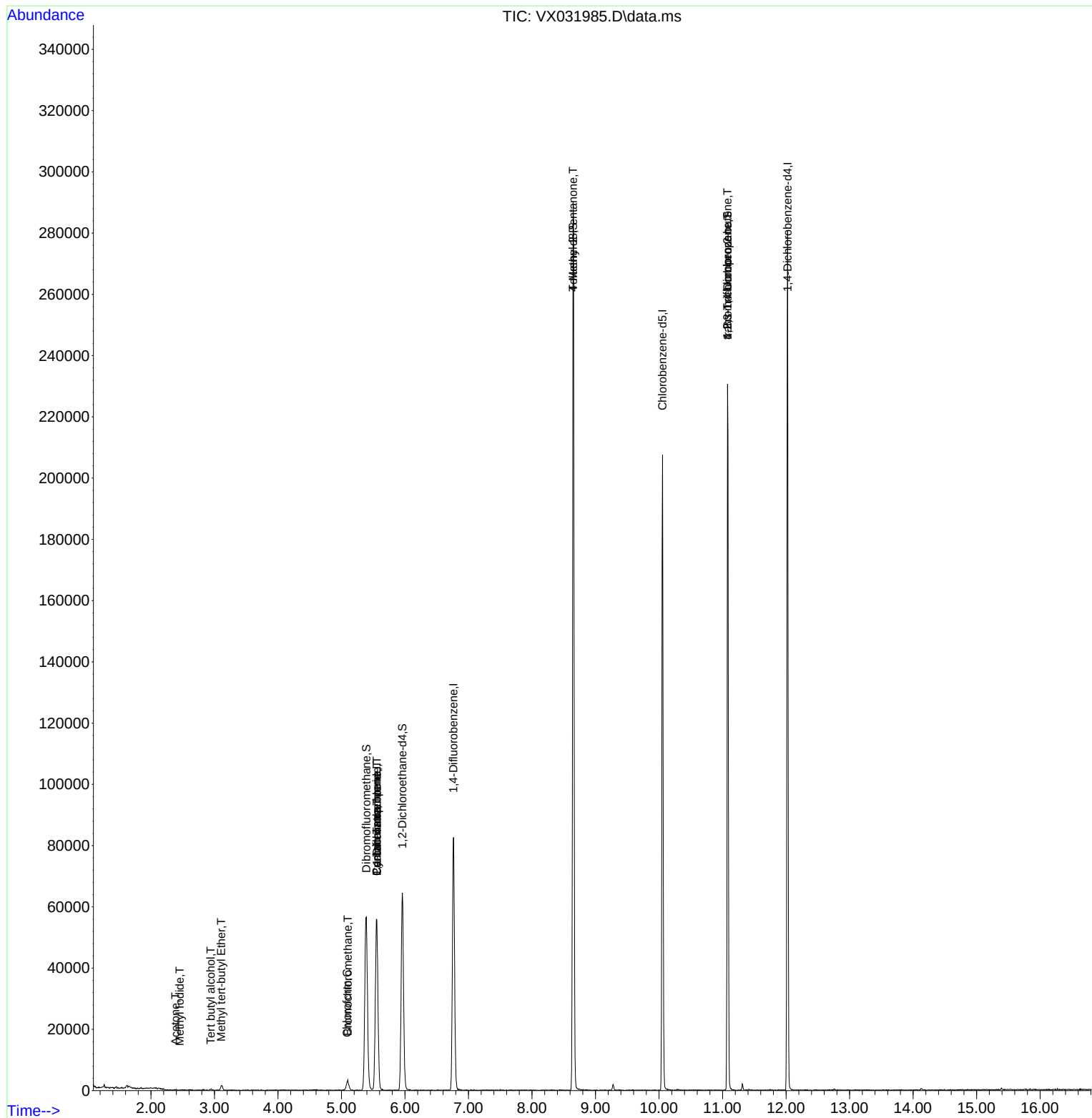
Internal Standards						
1) Pentafluorobenzene	5.556	168	52515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59922	55.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.500%
35) Dibromofluoromethane	5.391	113	48818	50.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	8.647	98	173181	49.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	11.079	95	59050	48.176	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.360%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	219	Below Cal	#	70
10) Methyl Iodide	2.453	142	58	2.817	ug/l #	38
11) Tert butyl alcohol	2.941	59	168	1.245	ug/l #	73
16) Acetone	2.386	43	273	0.741	ug/l #	45
19) Methyl tert-butyl Ether	3.105	73	1583	0.590	ug/l	97
28) Bromochloromethane	5.099	49	209	0.318	ug/l #	15
30) Chloroform	5.087	83	3730	2.183	ug/l	95
31) Cyclohexane	5.556	56	1353	1.044	ug/l #	59
36) 1,1-Dichloropropene	5.556	75	4096	3.206	ug/l #	52
38) Carbon Tetrachloride	5.556	117	5766	4.414	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	744	0.615	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30891	26.710	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30891	91.560	ug/l #	11

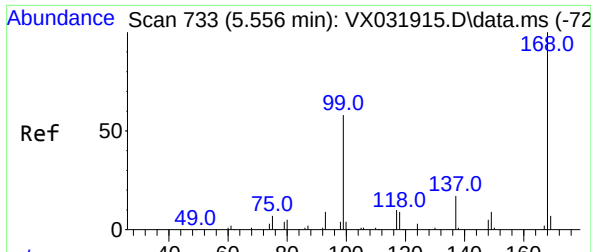
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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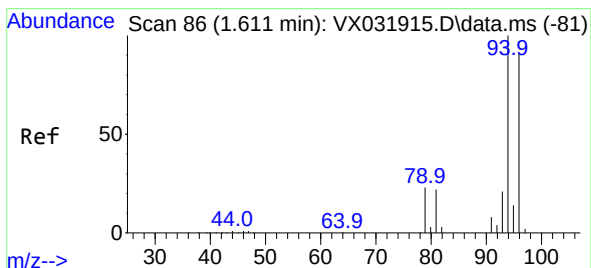
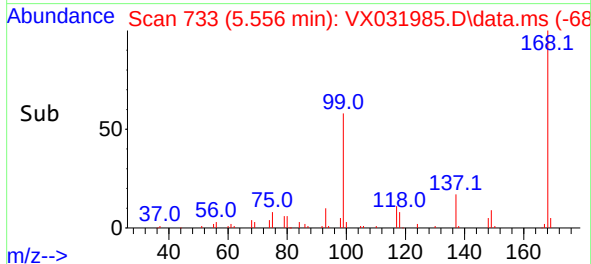
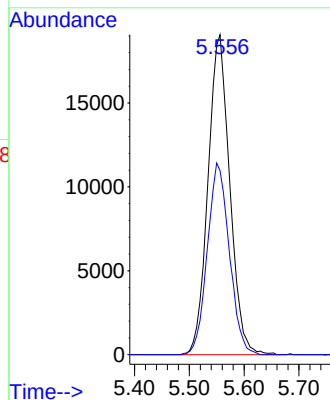
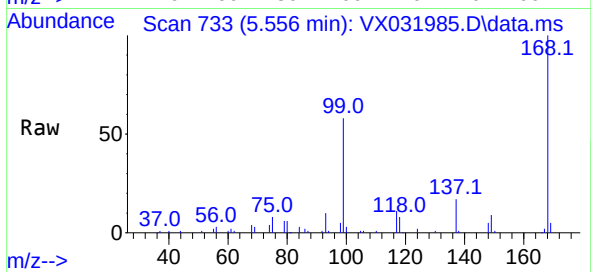




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

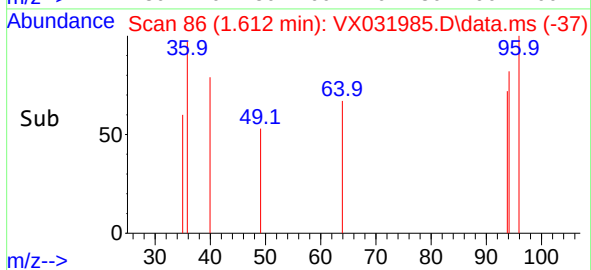
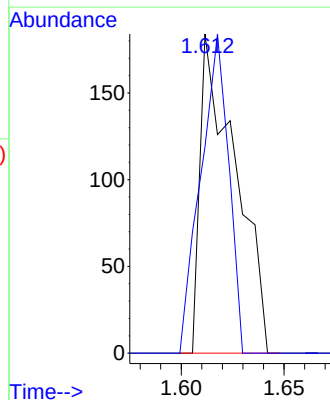
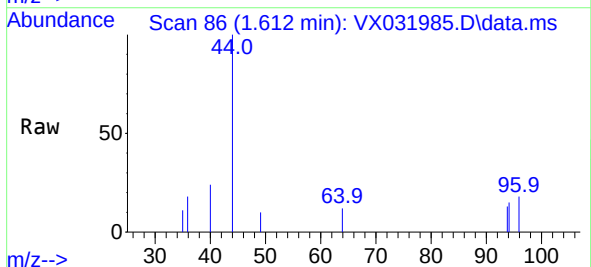
Instrument :
MSVOA_X
ClientSampleId :
MW-116

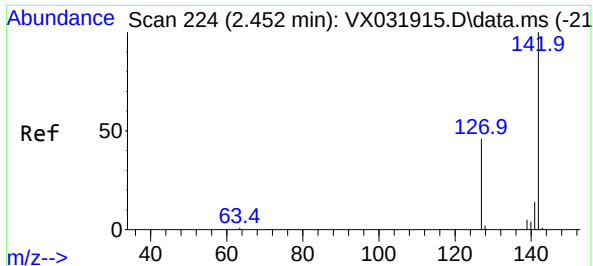
Tgt Ion:168 Resp: 52515
Ion Ratio Lower Upper
168 100
99 57.5 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

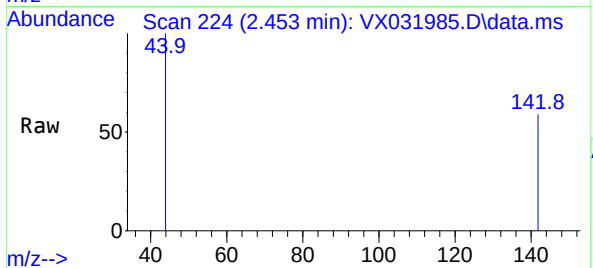
Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 64.7 74.4 111.6#



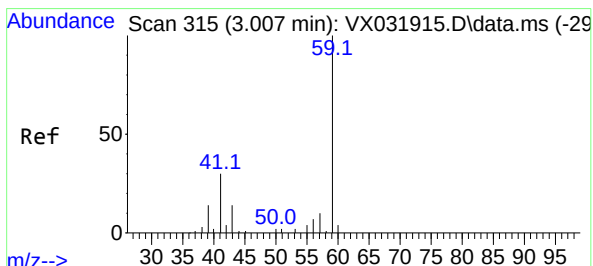
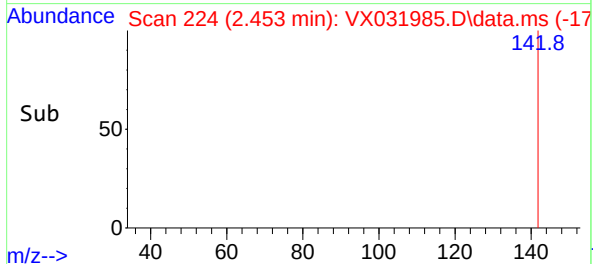
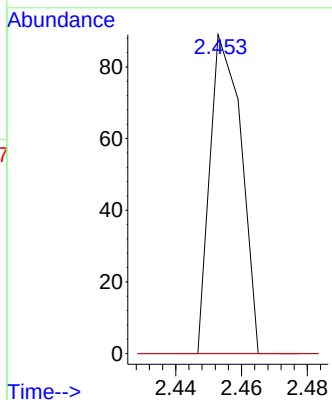


#10
Methyl Iodide
Concen: 2.817 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Instrument :
MSVOA_X
ClientSampleId :
MW-116

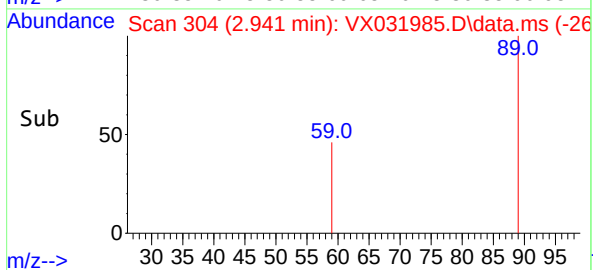
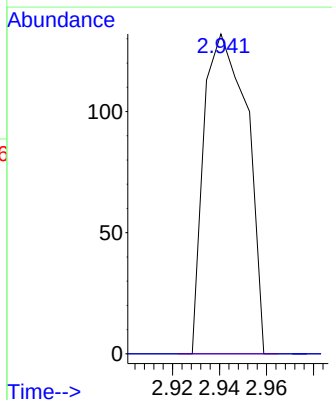
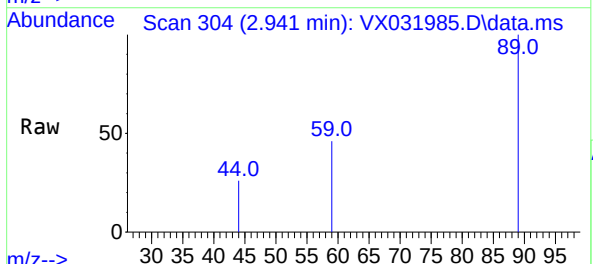


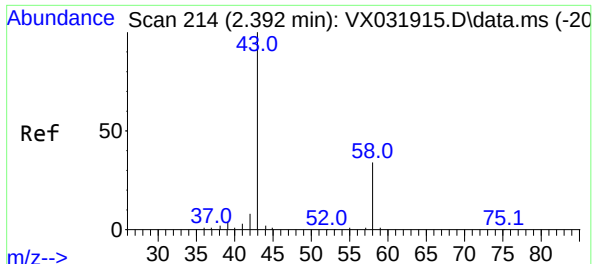
Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.245 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

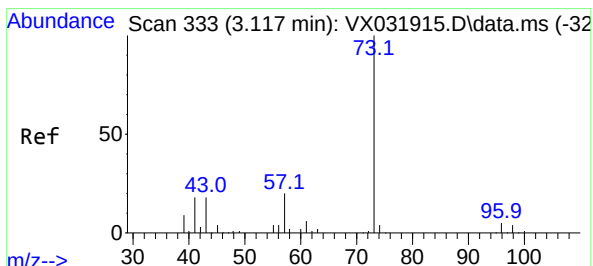
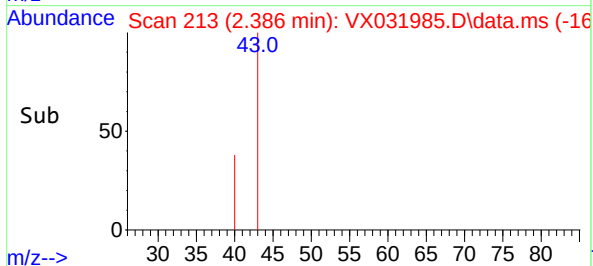
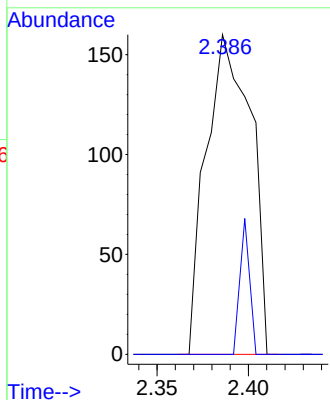
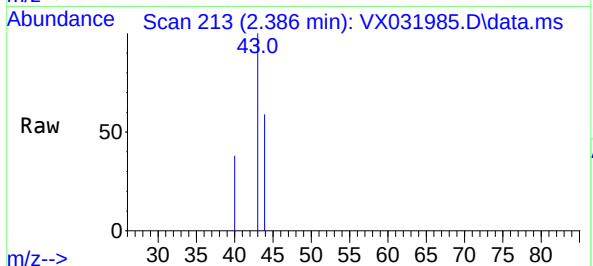




#16
Acetone
Concen: 0.741 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

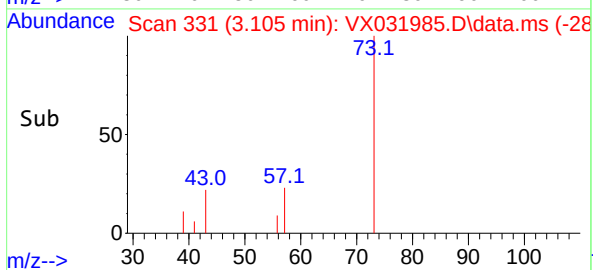
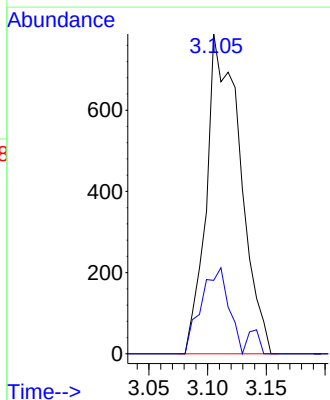
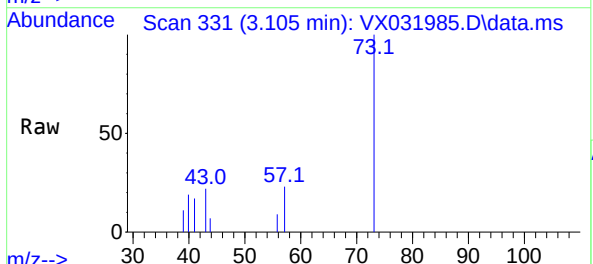
Instrument :
MSVOA_X
ClientSampleId :
MW-116

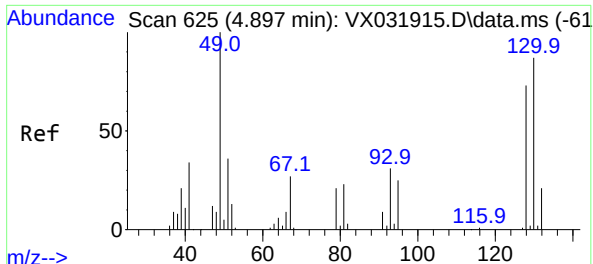
Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.590 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.012 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Tgt Ion: 73 Resp: 1583
Ion Ratio Lower Upper
73 100
57 23.0 17.2 25.8

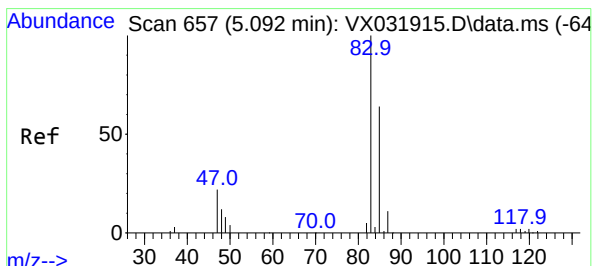
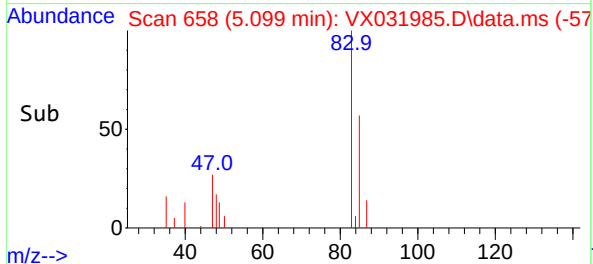
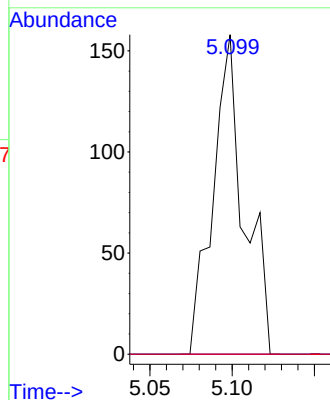
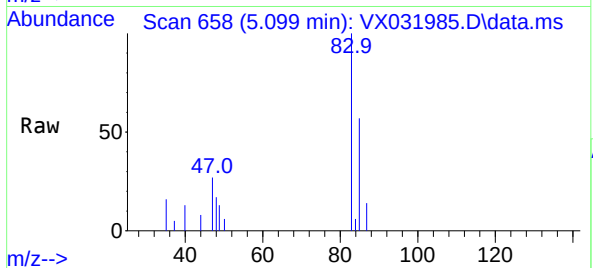




#28
Bromochloromethane
Concen: 0.318 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.202 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

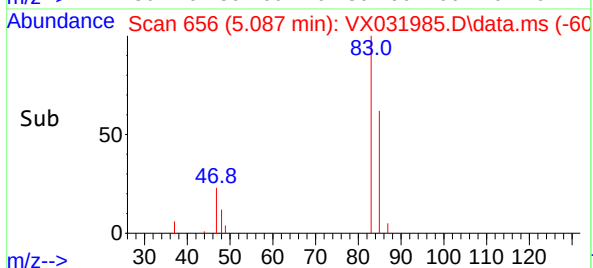
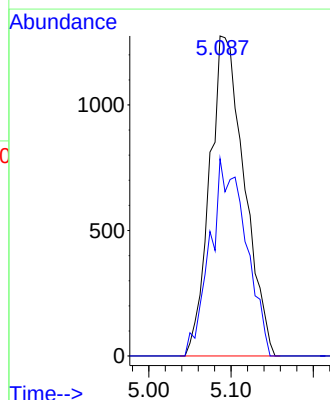
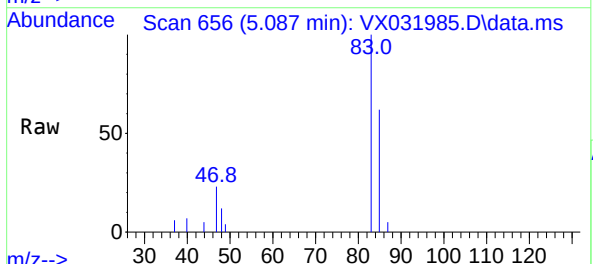
Instrument :
MSVOA_X
ClientSampleId :
MW-116

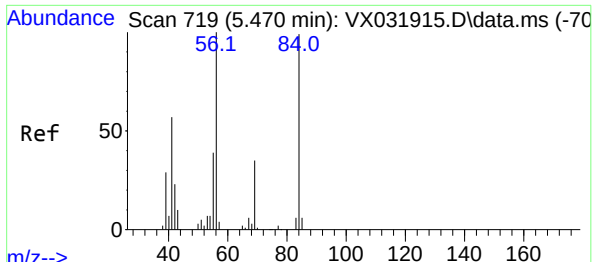
Tgt Ion: 49 Resp: 209
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#



#30
Chloroform
Concen: 2.183 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.005 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

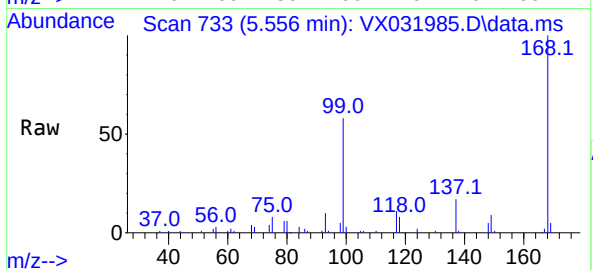
Tgt Ion: 83 Resp: 3730
Ion Ratio Lower Upper
83 100
85 61.6 52.8 79.2



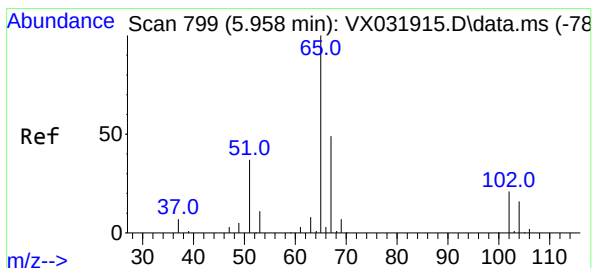
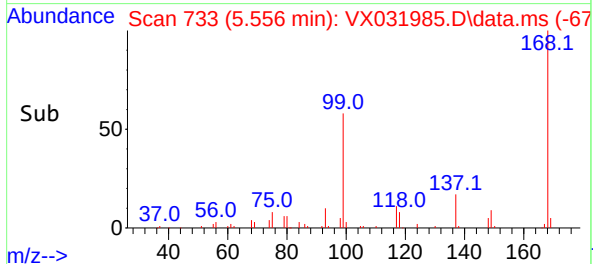
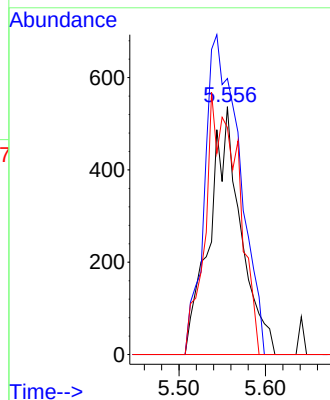


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Instrument :
MSVOA_X
ClientSampleId :
MW-116

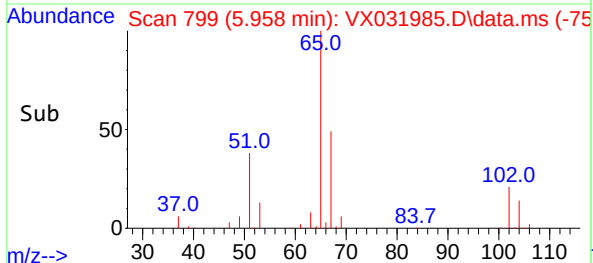
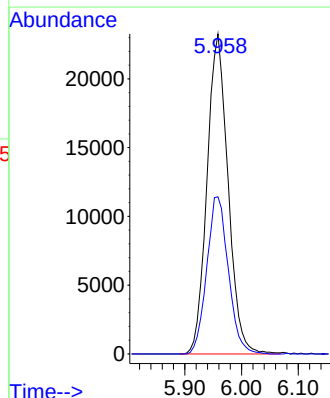
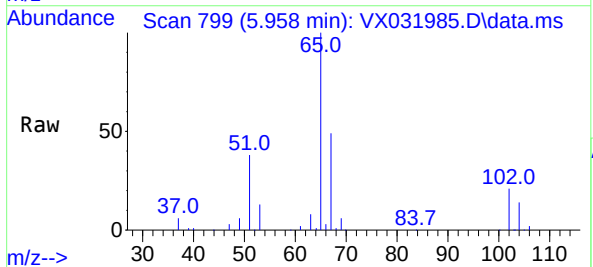


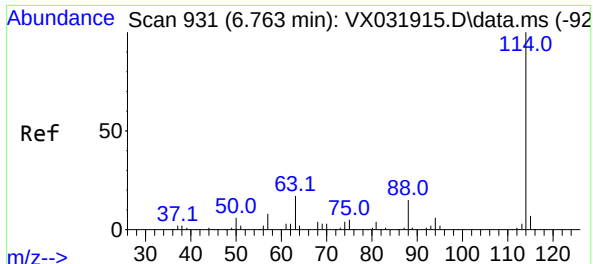
Tgt Ion: 56 Resp: 1353
Ion Ratio Lower Upper
56 100
69 111.4 25.1 37.7#
84 91.6 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 55.251 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Tgt Ion: 65 Resp: 59922
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4



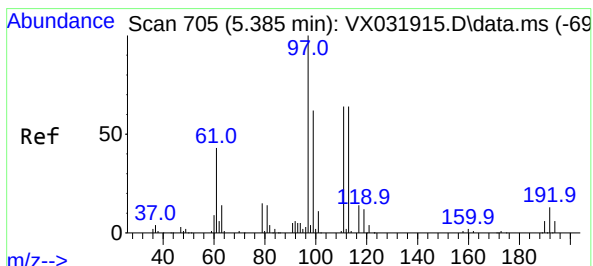
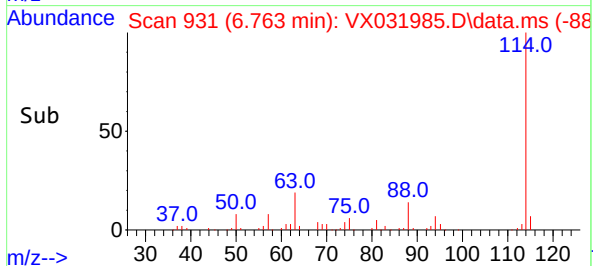
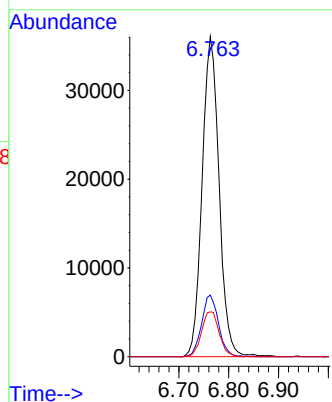
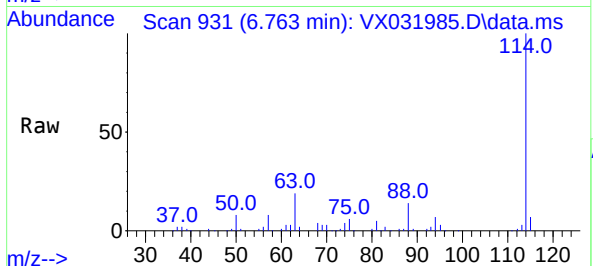


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Instrument :
MSVOA_X
ClientSampleId :
MW-116

Tgt Ion:114 Resp: 85122

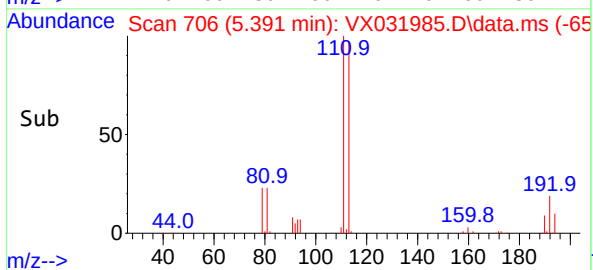
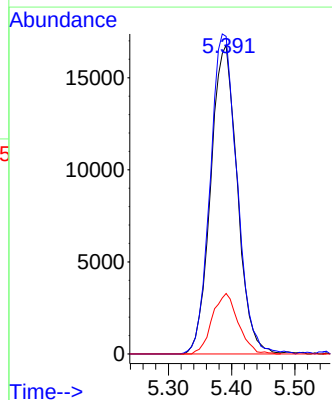
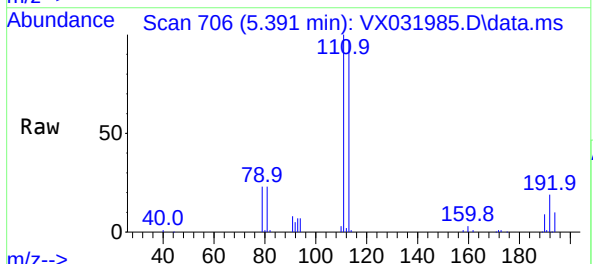
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.6
88	14.0	0.0	33.0

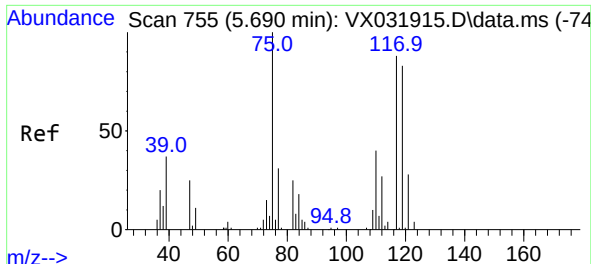


#35
Dibromofluoromethane
Concen: 50.666 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Tgt Ion:113 Resp: 48818

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	19.2	14.1	21.1

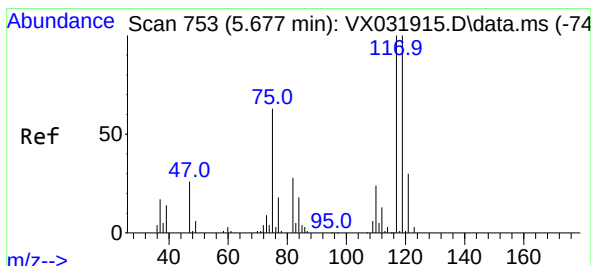
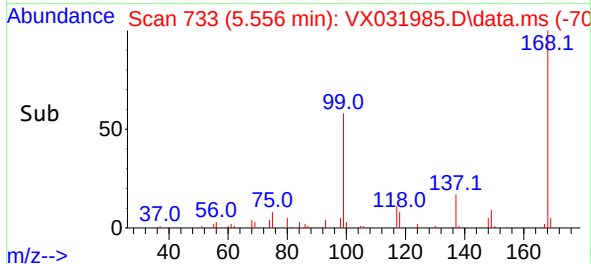
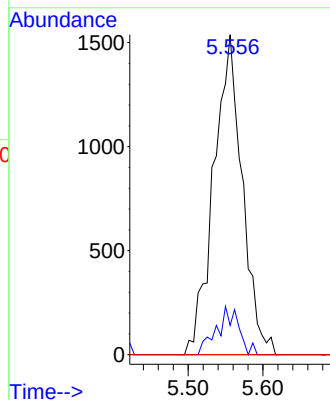
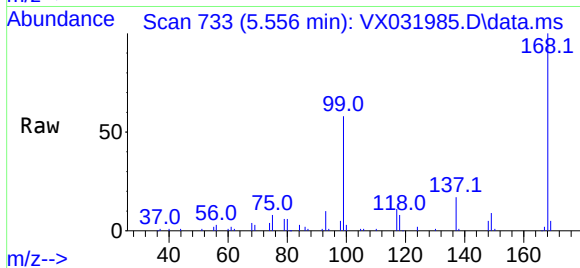




#36
1,1-Dichloropropene
Concen: 3.206 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

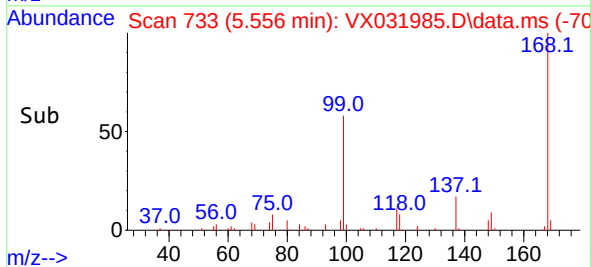
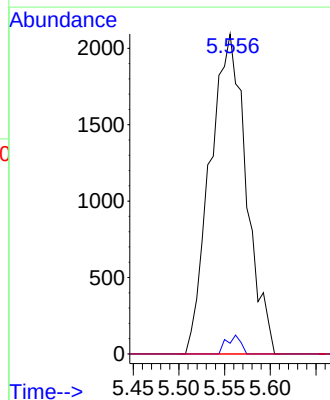
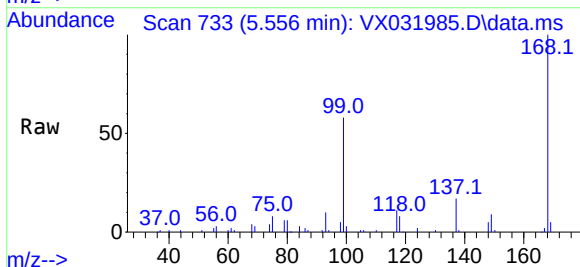
Instrument :
MSVOA_X
ClientSampleId :
MW-116

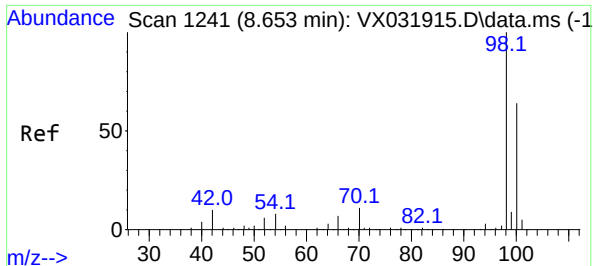
Tgt Ion: 75 Resp: 4096
Ion Ratio Lower Upper
75 100
110 11.5 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.414 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Tgt Ion: 117 Resp: 5766
Ion Ratio Lower Upper
117 100
119 3.3 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.949 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031985.D

Acq: 08 Oct 2022 01:56

Instrument :

MSVOA_X

ClientSampleId :

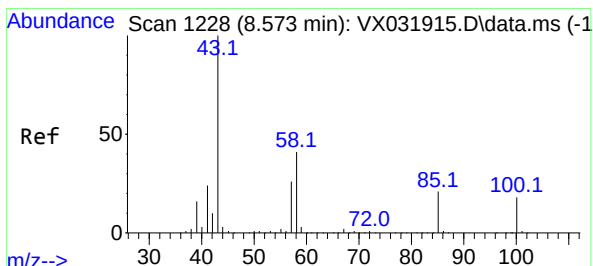
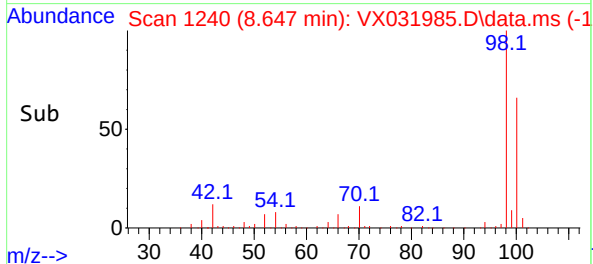
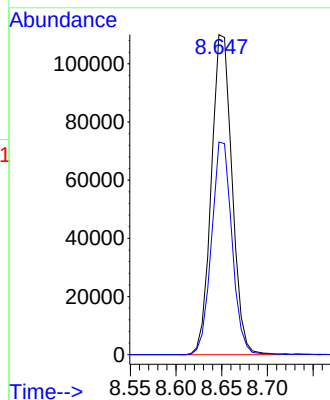
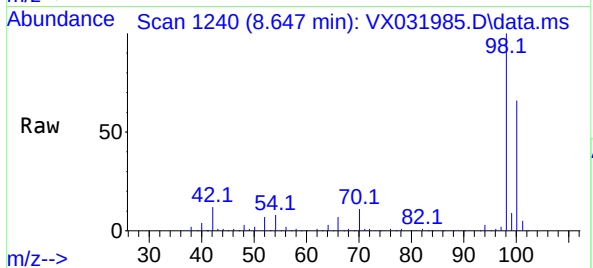
MW-116

Tgt Ion: 98 Resp: 173181

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.615 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX031985.D

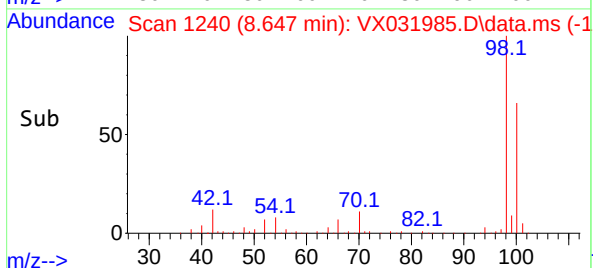
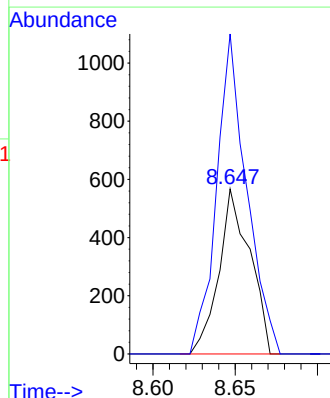
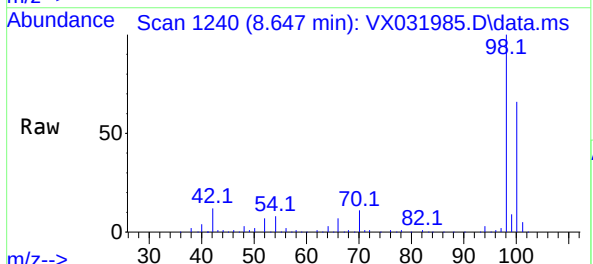
Acq: 08 Oct 2022 01:56

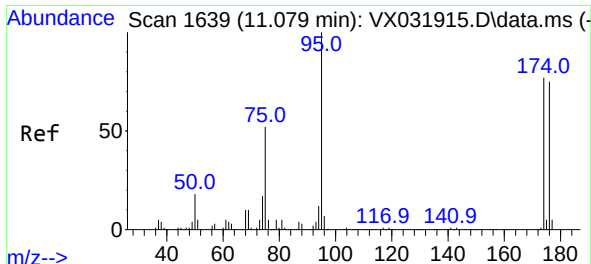
Tgt Ion: 43 Resp: 744

Ion Ratio Lower Upper

43 100

58 188.3 30.6 46.0#

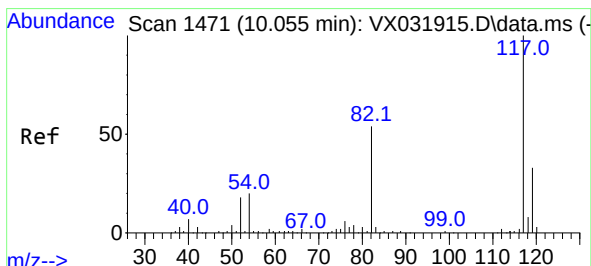
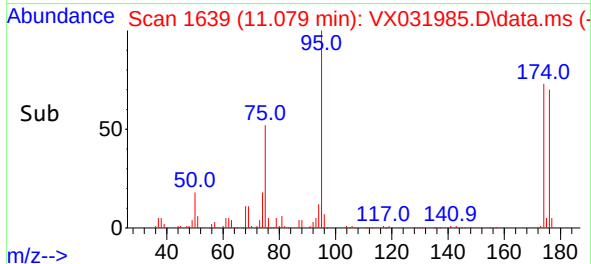
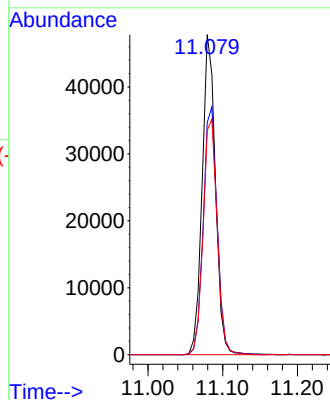
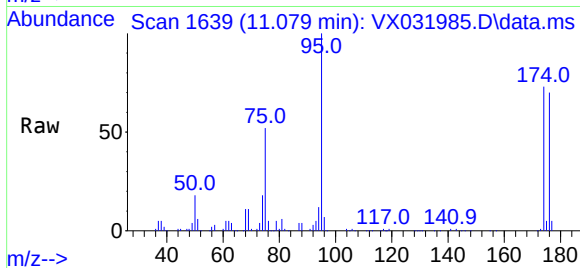




#62
4-Bromofluorobenzene
Concen: 48.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

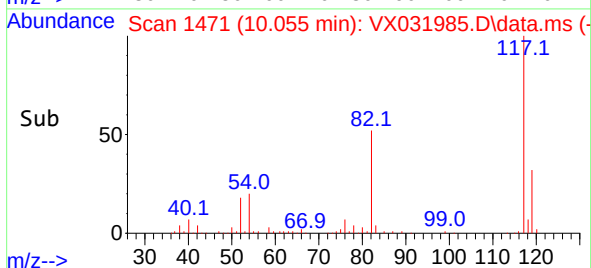
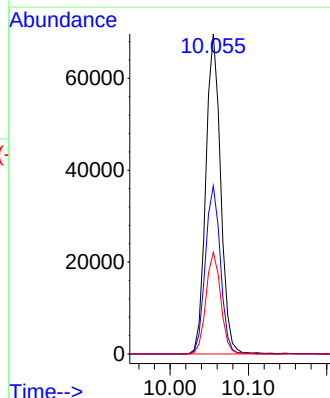
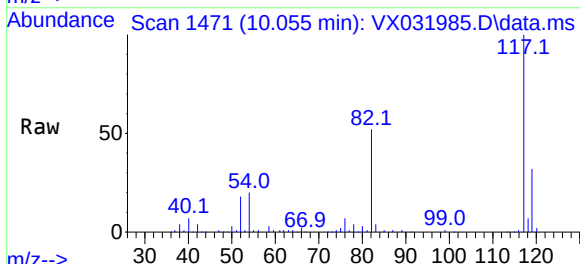
Instrument :
MSVOA_X
ClientSampleId :
MW-116

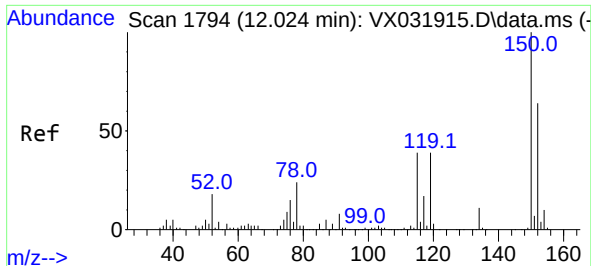
Tgt Ion: 95 Resp: 59050
Ion Ratio Lower Upper
95 100
174 80.8 0.0 153.2
176 77.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Tgt Ion: 117 Resp: 91565
Ion Ratio Lower Upper
117 100
82 52.5 46.8 70.2
119 31.8 26.4 39.6

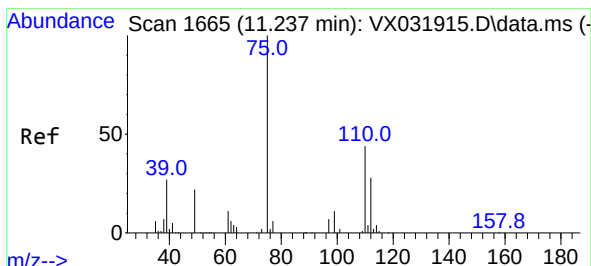
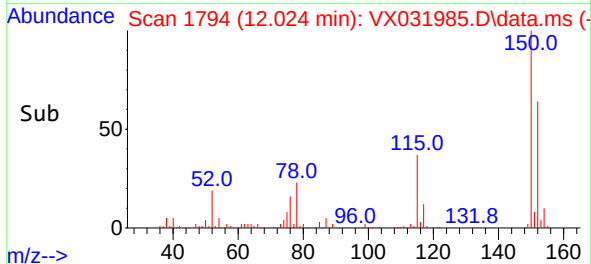
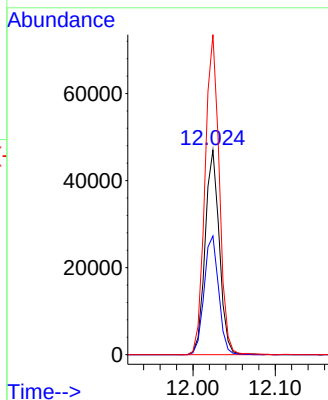
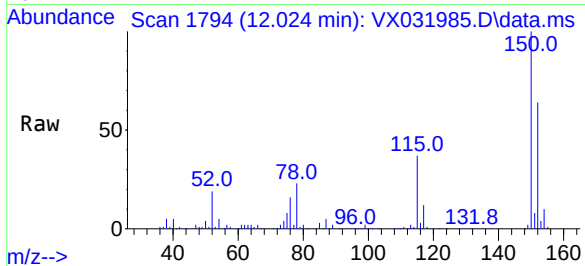




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031985.D
 Acq: 08 Oct 2022 01:56

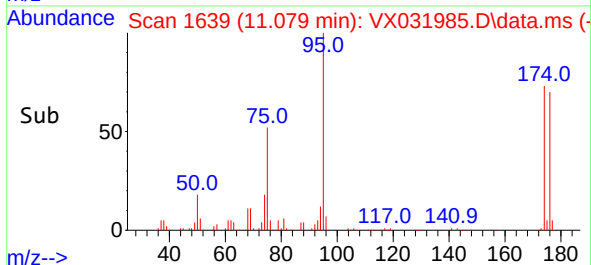
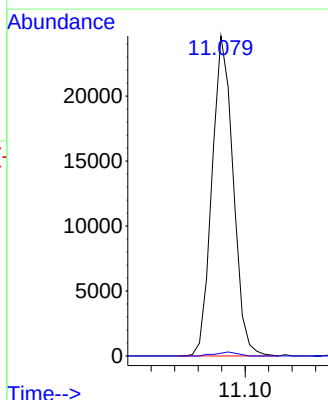
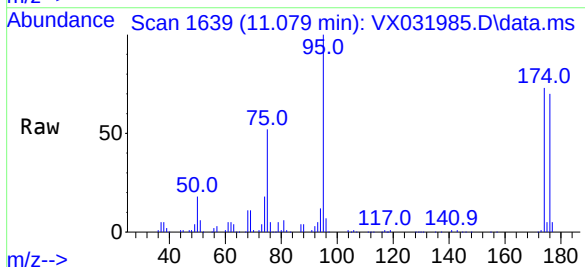
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-116

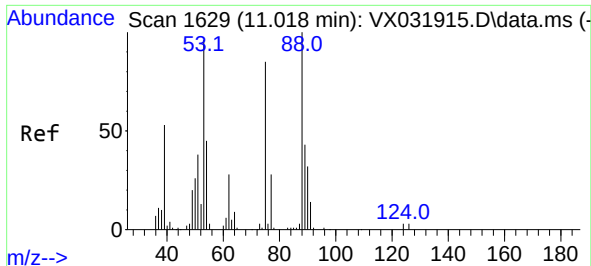
Tgt Ion:152 Resp: 56431
 Ion Ratio Lower Upper
 152 100
 115 59.4 43.4 130.1
 150 156.9 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 26.710 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031985.D
 Acq: 08 Oct 2022 01:56

Tgt Ion: 75 Resp: 30891
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.560 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031985.D
Acq: 08 Oct 2022 01:56

Instrument :
MSVOA_X
ClientSampleId :
MW-116

Tgt Ion: 75 Resp: 30891
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

