

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030985.D
 Acq On : 31 Aug 2022 17:54
 Operator : JC/MD
 Sample : N4381-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-50

Quant Time: Sep 06 02:20:39 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)

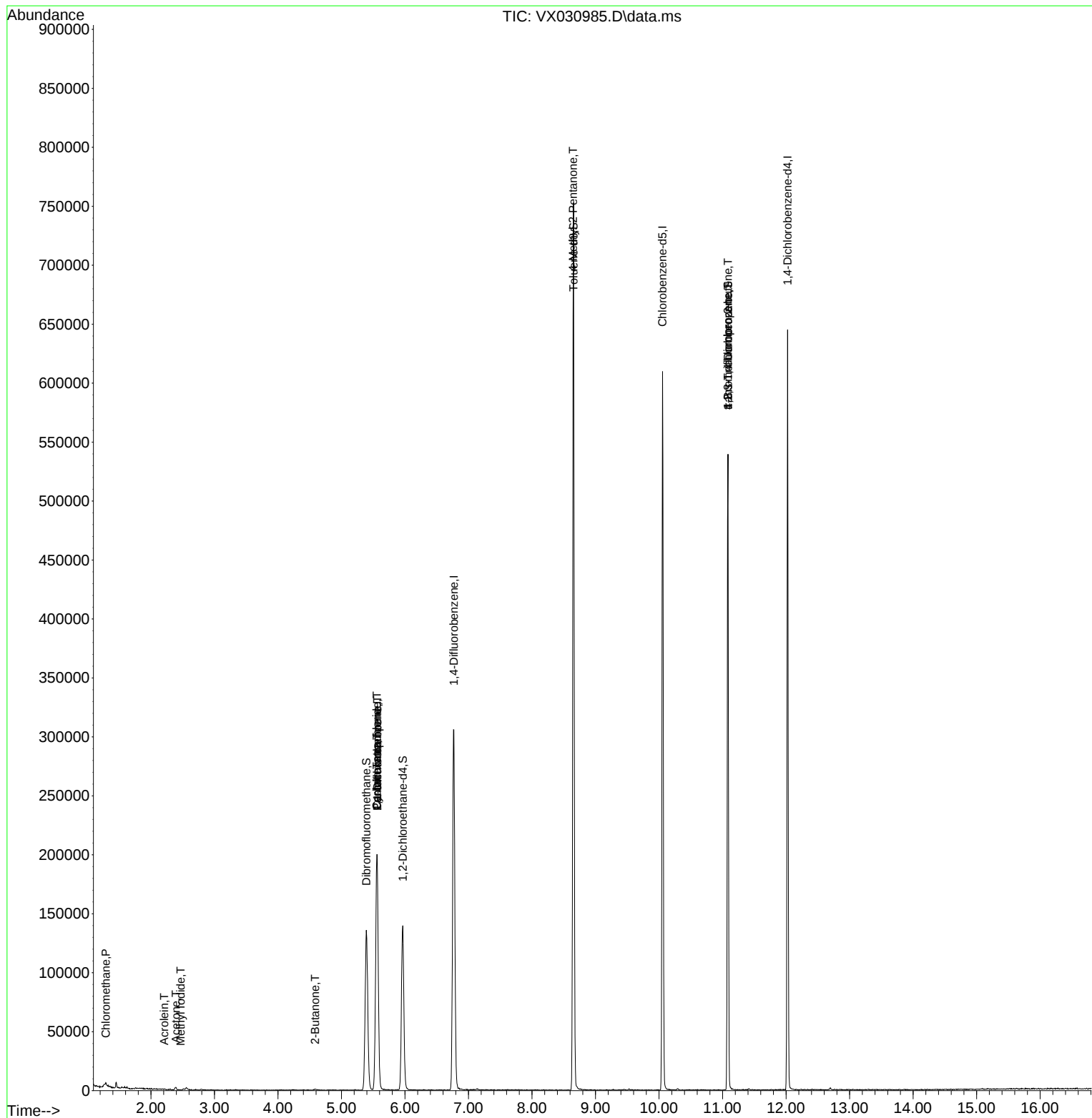
Internal Standards						
1) Pentafluorobenzene	5.562	168	198395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	336773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132627	46.609	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.220%
35) Dibromofluoromethane	5.391	113	121890	49.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	8.653	98	453856	49.366	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.085	95	151035	46.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1116	0.528	ug/l #	84
5) Bromomethane	1.605	94	223	Below Cal	#	73
10) Methyl Iodide	2.465	142	22	4.385	ug/l #	45
13) Acrolein	2.209	56	19	7.328	ug/l #	14
16) Acetone	2.392	43	2335	1.818	ug/l #	88
25) 2-Butanone	4.586	43	1210	0.582	ug/l	90
31) Cyclohexane	5.556	56	3653	0.867	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	14375	3.896	ug/l #	49
38) Carbon Tetrachloride	5.556	117	19805	5.638	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1596	0.402	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	68377	20.979	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	68377	62.374	ug/l #	12

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

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Response via : Initial Calibration

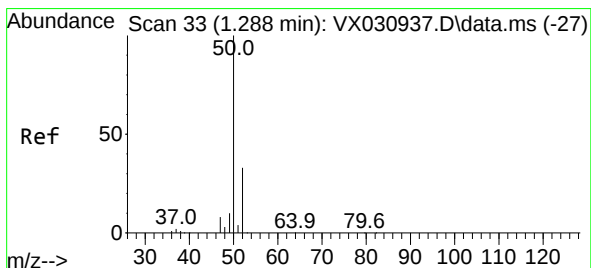
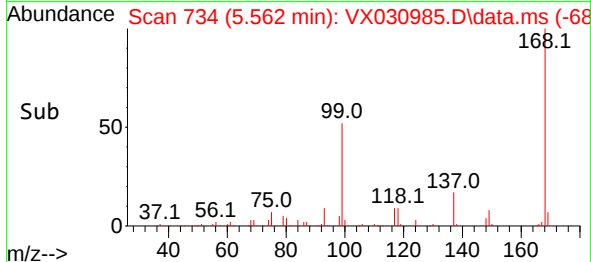
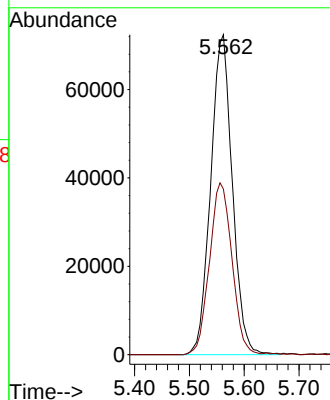
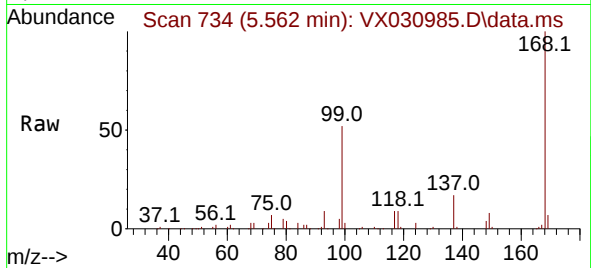




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

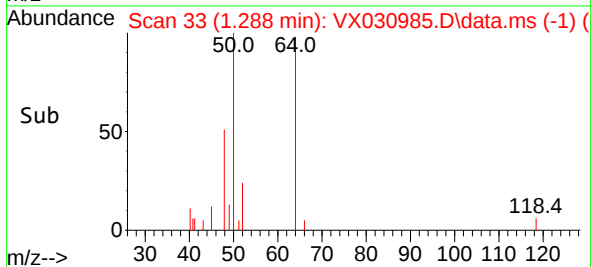
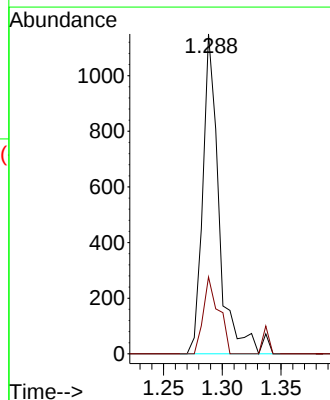
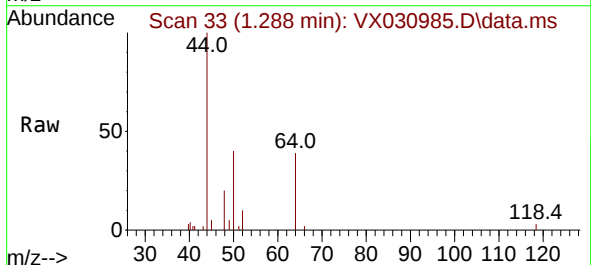
Instrument :
MSVOA_X
ClientSampleId :
MW-50

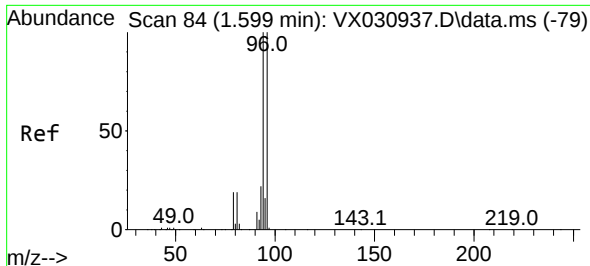
Tgt Ion:168 Resp: 198395
Ion Ratio Lower Upper
168 100
99 51.8 44.0 66.0



#3
Chloromethane
Concen: 0.528 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Tgt Ion: 50 Resp: 1116
Ion Ratio Lower Upper
50 100
52 24.0 26.3 39.5#

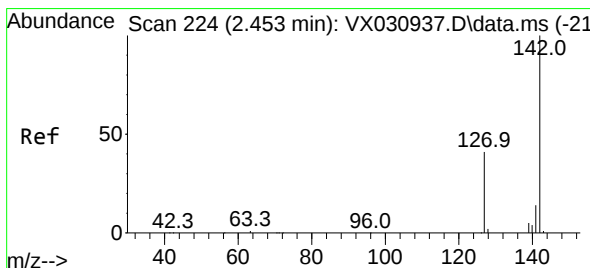
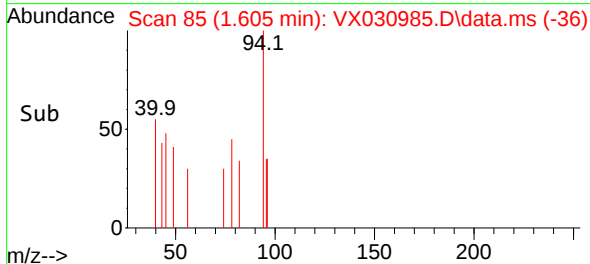
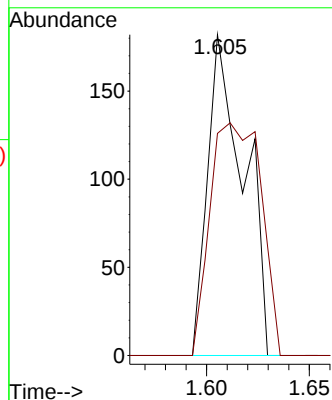
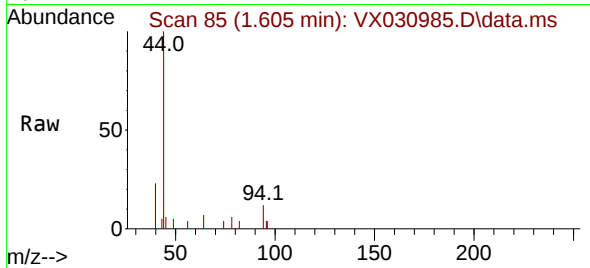




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

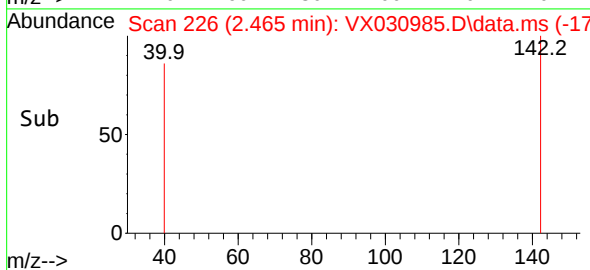
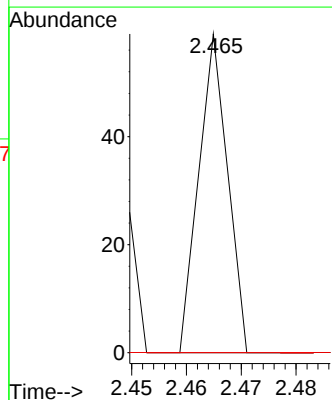
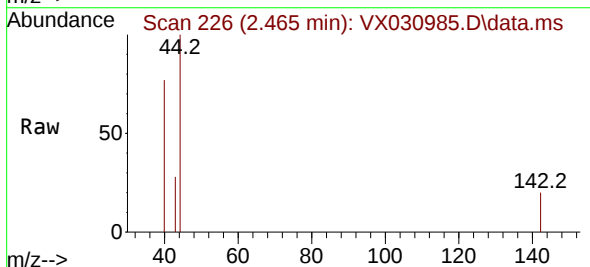
Instrument :
MSVOA_X
ClientSampleId :
MW-50

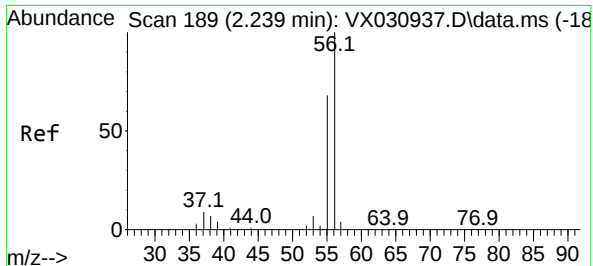
Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 69.2 76.9 115.3#



#10
Methyl Iodide
Concen: 4.385 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Tgt Ion: 142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

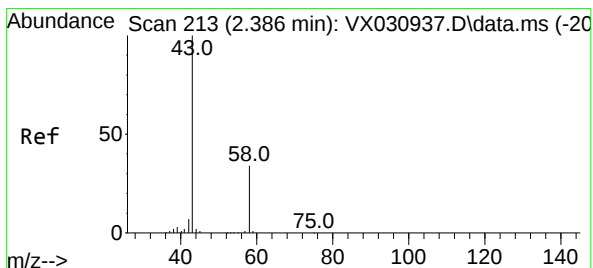
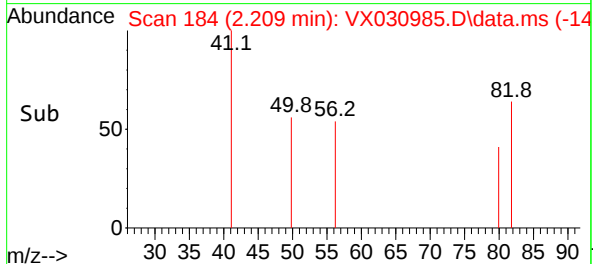
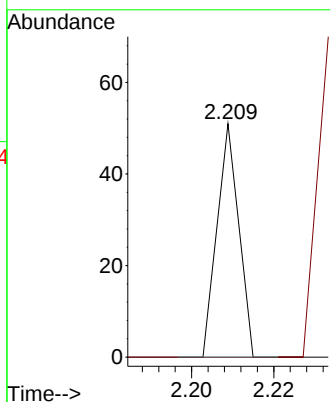
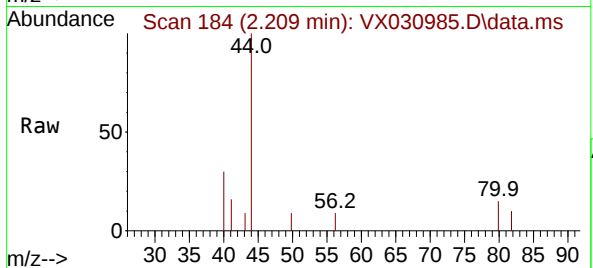




#13
Acrolein
Concen: 7.328 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

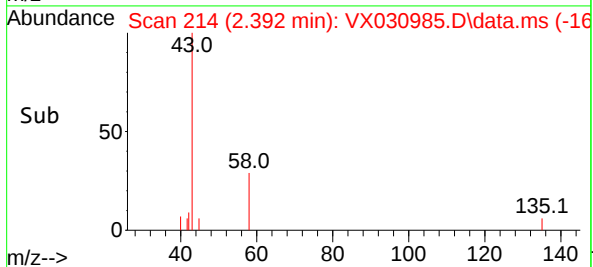
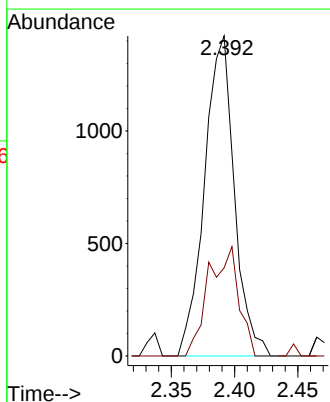
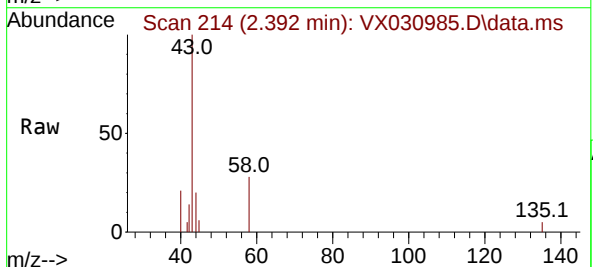
Instrument :
MSVOA_X
ClientSampleId :
MW-50

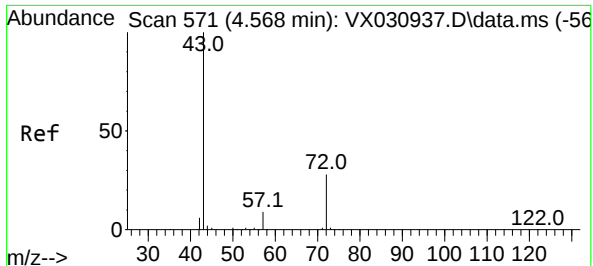
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.818 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Tgt Ion: 43 Resp: 2335
Ion Ratio Lower Upper
43 100
58 27.5 27.7 41.5#





#25

2-Butanone

Concen: 0.582 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX030985.D

Acq: 31 Aug 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

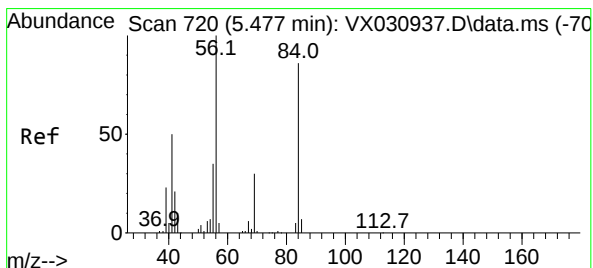
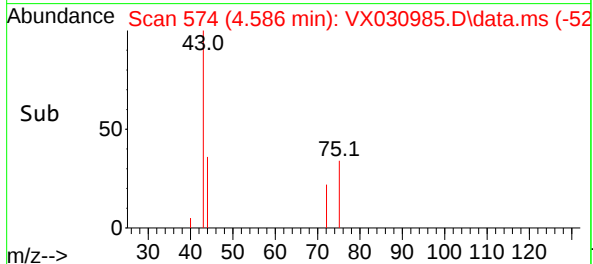
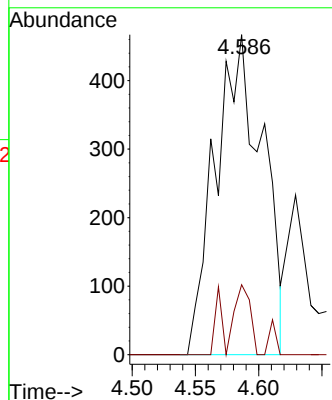
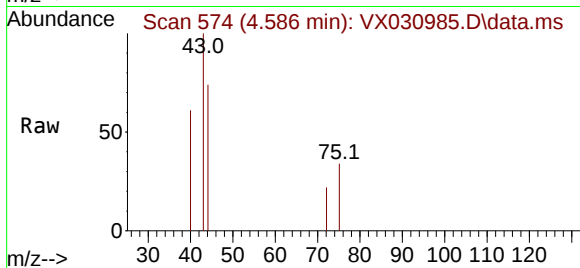
MW-50

Tgt Ion: 43 Resp: 1210

Ion Ratio Lower Upper

43 100

72 21.8 21.7 32.5



#31

Cyclohexane

Concen: 0.867 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX030985.D

Acq: 31 Aug 2022 17:54

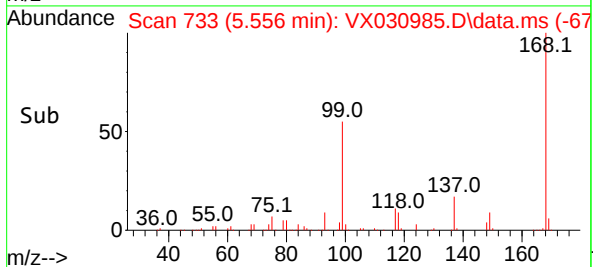
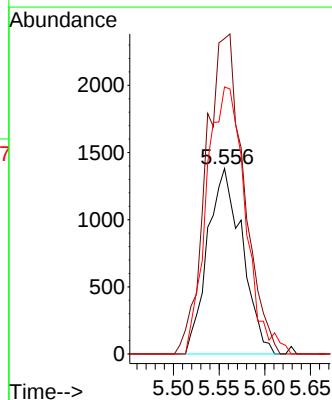
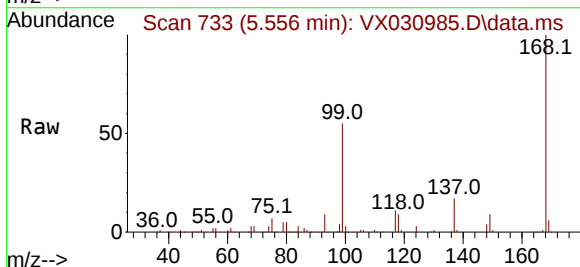
Tgt Ion: 56 Resp: 3653

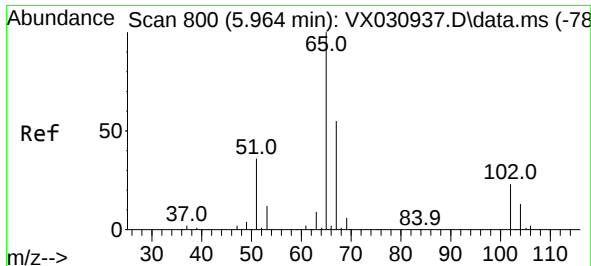
Ion Ratio Lower Upper

56 100

69 170.1 25.4 38.0#

84 144.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.609 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030985.D

Acq: 31 Aug 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

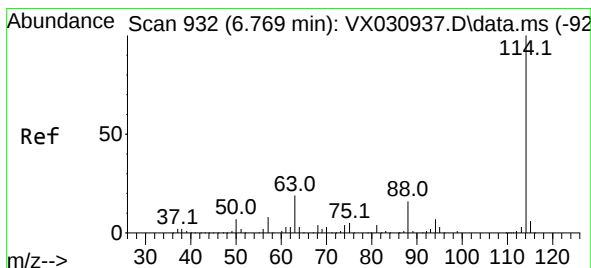
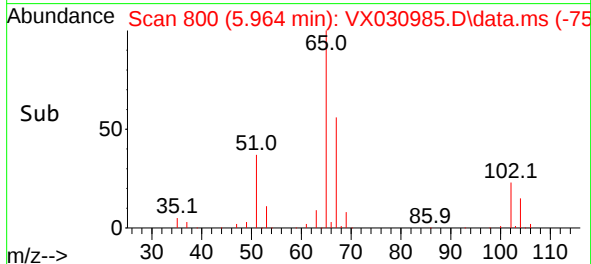
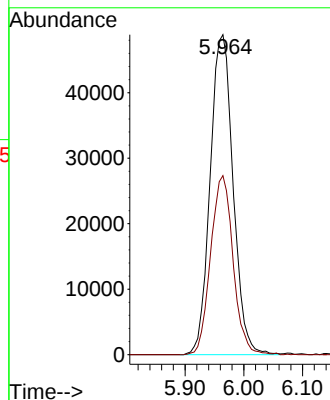
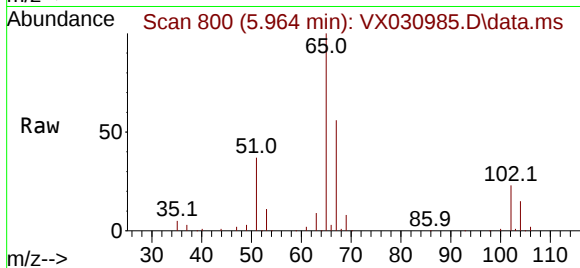
MW-50

Tgt Ion: 65 Resp: 132627

Ion Ratio Lower Upper

65 100

67 54.7 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: VX030985.D

Acq: 31 Aug 2022 17:54

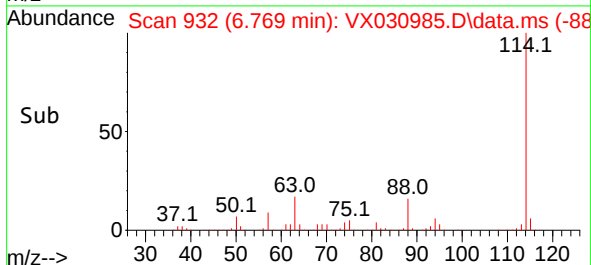
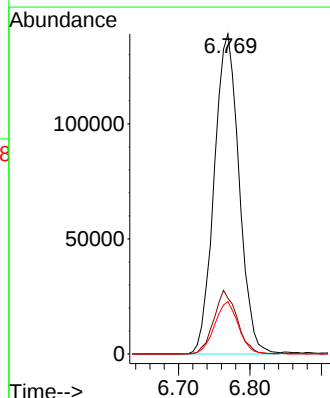
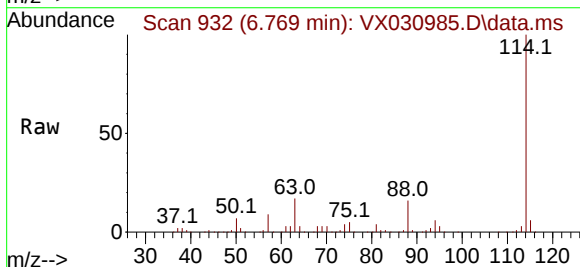
Tgt Ion: 114 Resp: 336773

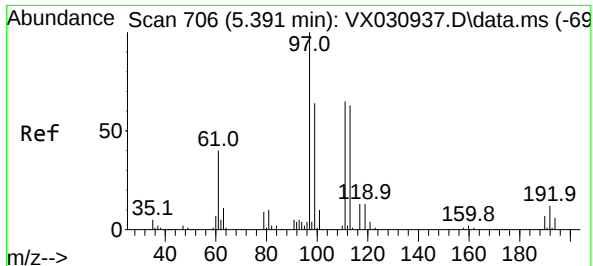
Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.100 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030985.D

Acq: 31 Aug 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

MW-50

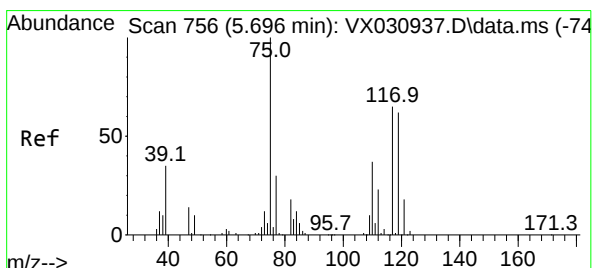
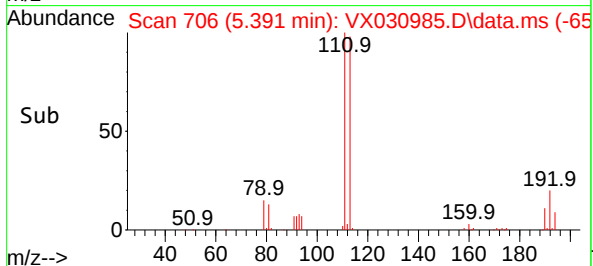
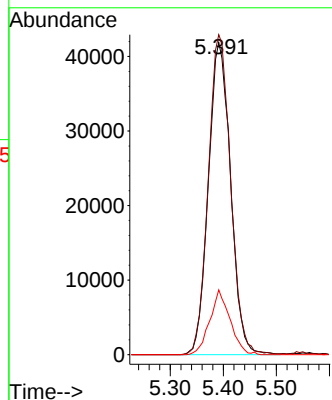
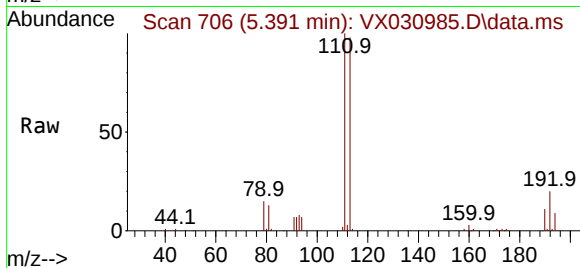
Tgt Ion:113 Resp: 121890

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 19.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.896 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030985.D

Acq: 31 Aug 2022 17:54

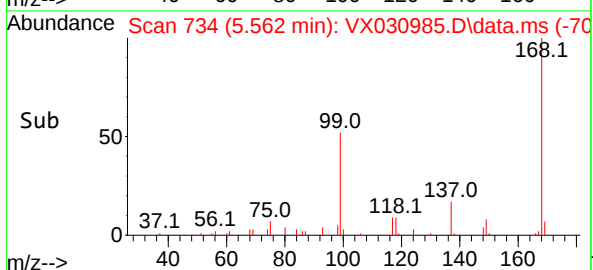
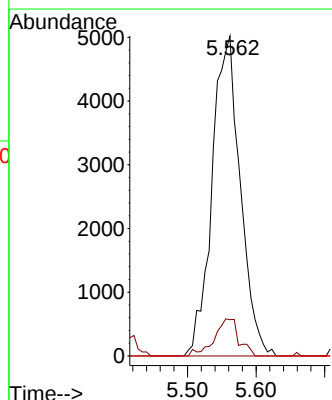
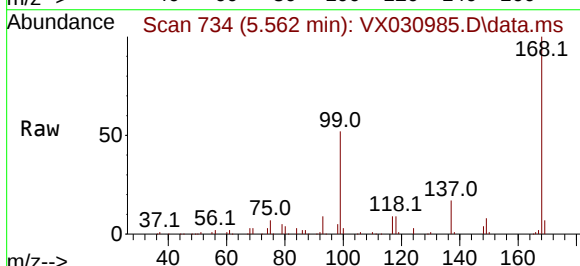
Tgt Ion: 75 Resp: 14375

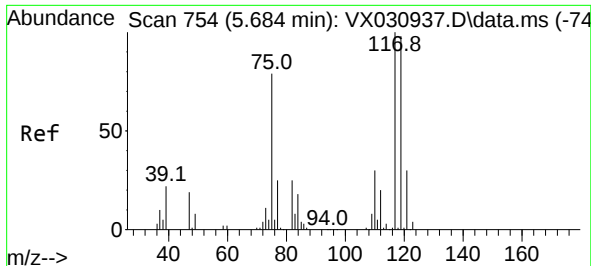
Ion Ratio Lower Upper

75 100

110 10.1 19.3 57.9#

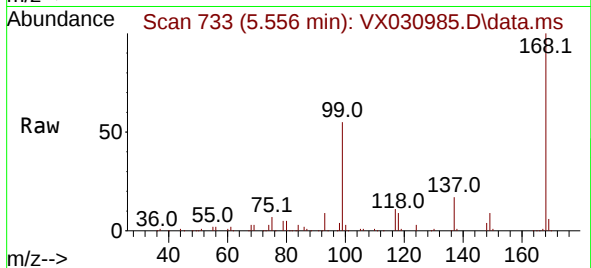
77 0.0 24.4 36.6#



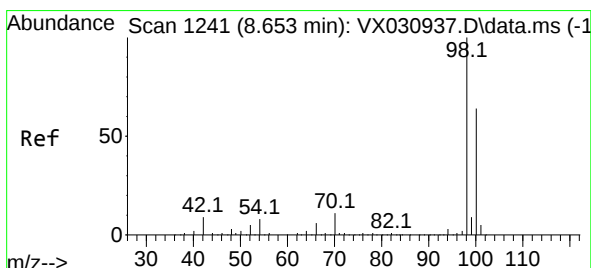
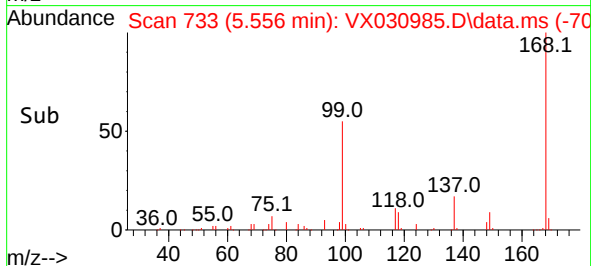
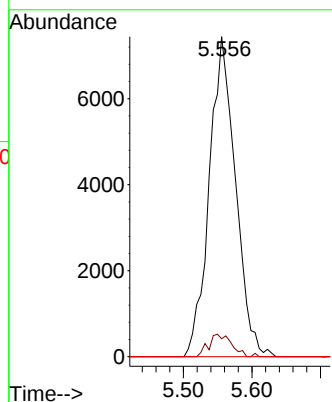


#38
Carbon Tetrachloride
Concen: 5.638 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-50

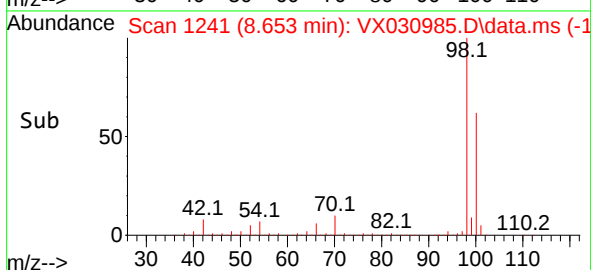
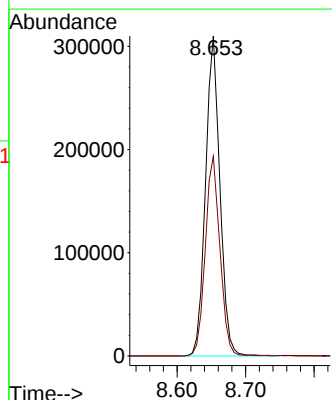
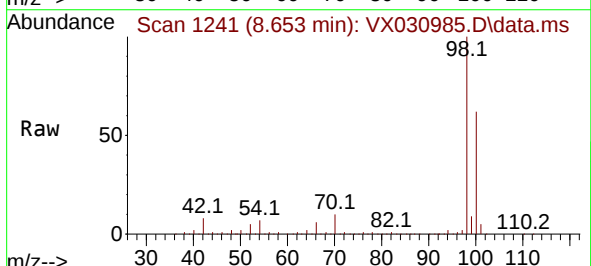


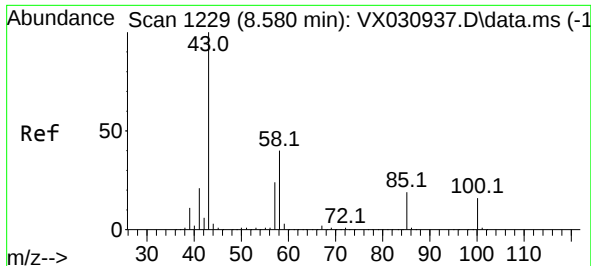
Tgt Ion:117 Resp: 19805
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 49.366 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Tgt Ion: 98 Resp: 453856
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5

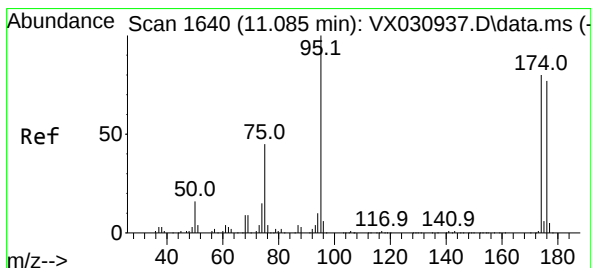
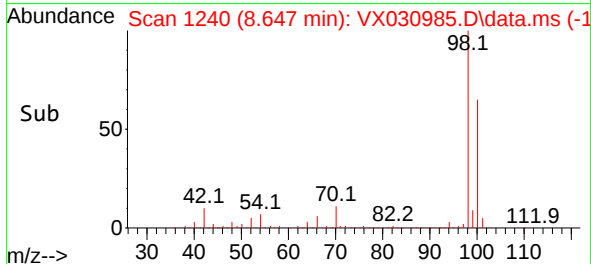
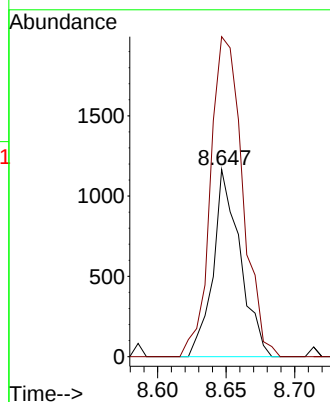
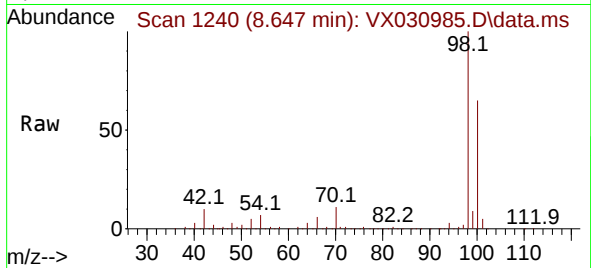




#51
4-Methyl-2-Pentanone
Concen: 0.402 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

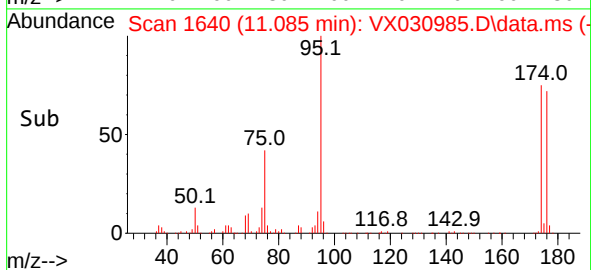
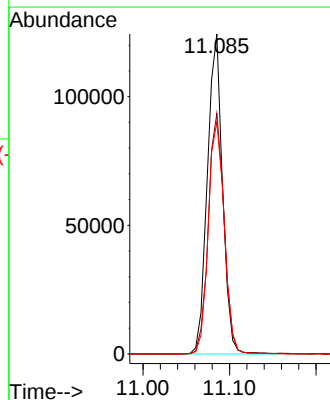
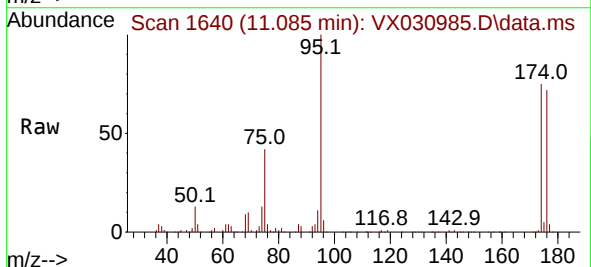
Instrument :
MSVOA_X
ClientSampleId :
MW-50

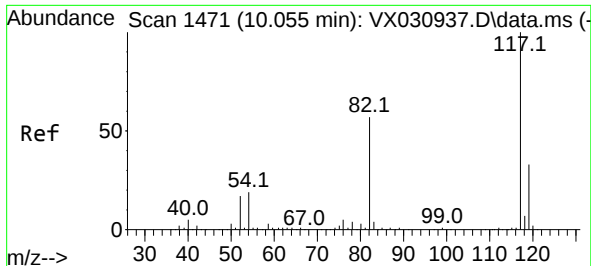
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
58 203.7 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 46.133 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Tgt Ion: 95 Resp: 151035
Ion Ratio Lower Upper
95 100
174 78.6 0.0 149.0
176 76.3 0.0 146.0

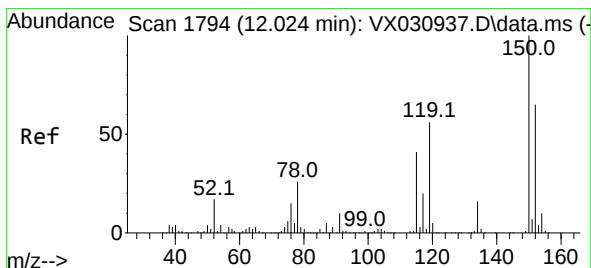
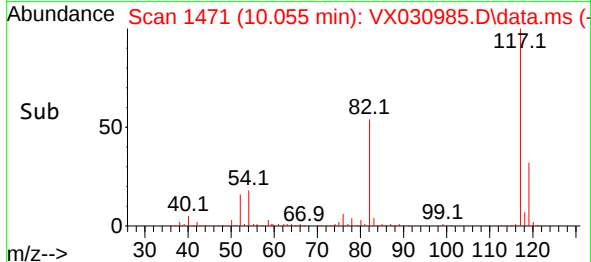
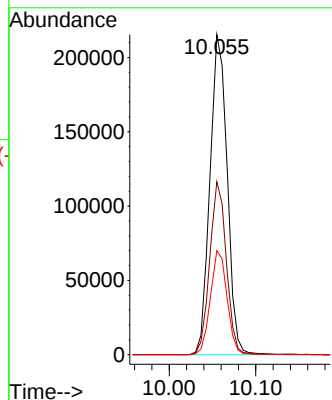
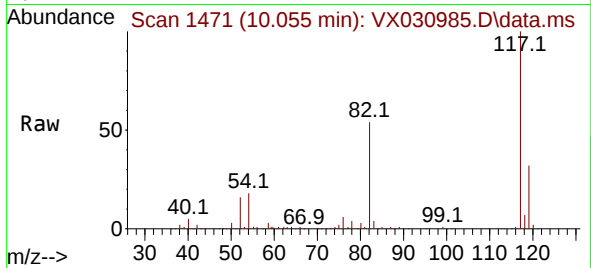




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

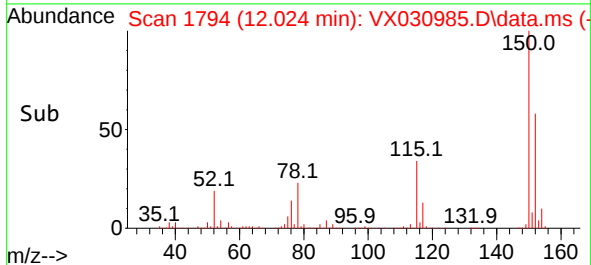
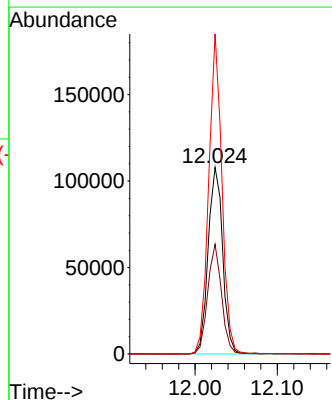
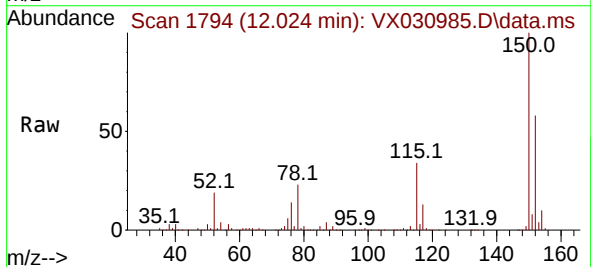
Instrument :
MSVOA_X
ClientSampleId :
MW-50

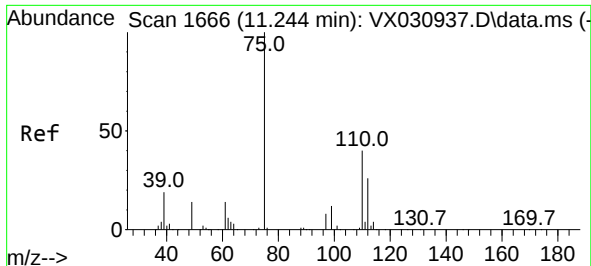
Tgt Ion:117 Resp: 297854
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Tgt Ion:152 Resp: 132389
Ion Ratio Lower Upper
152 100
115 56.3 40.5 121.5
150 155.6 0.0 347.0

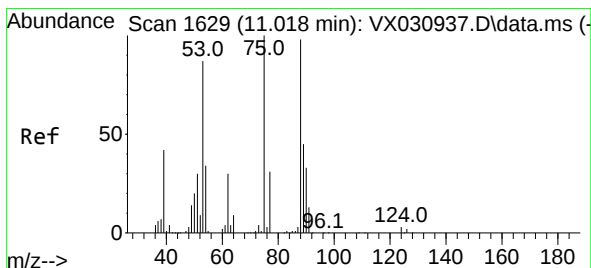
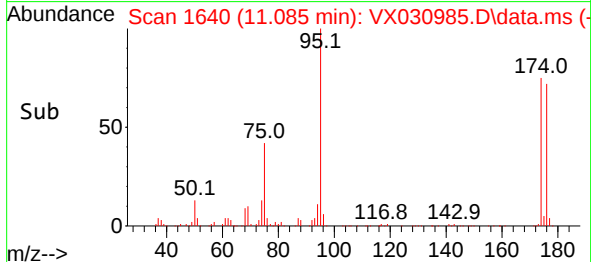
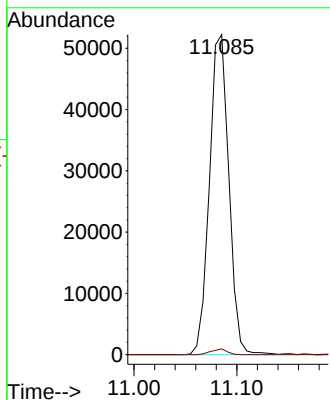
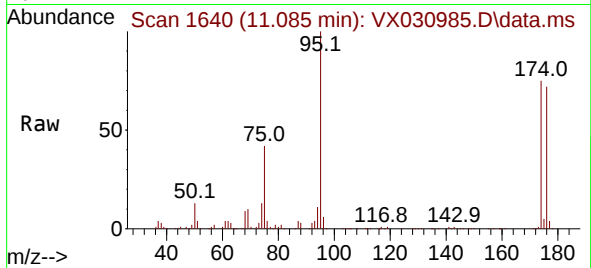




#76
1,2,3-Trichloropropane
Concen: 20.979 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-50

Tgt Ion: 75 Resp: 68377
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.374 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030985.D
Acq: 31 Aug 2022 17:54

Tgt Ion: 75 Resp: 68377
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

