

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030970.D
 Acq On : 31 Aug 2022 12:02
 Operator : JC/MD
 Sample : N4381-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32

Quant Time: Sep 06 02:14:56 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)

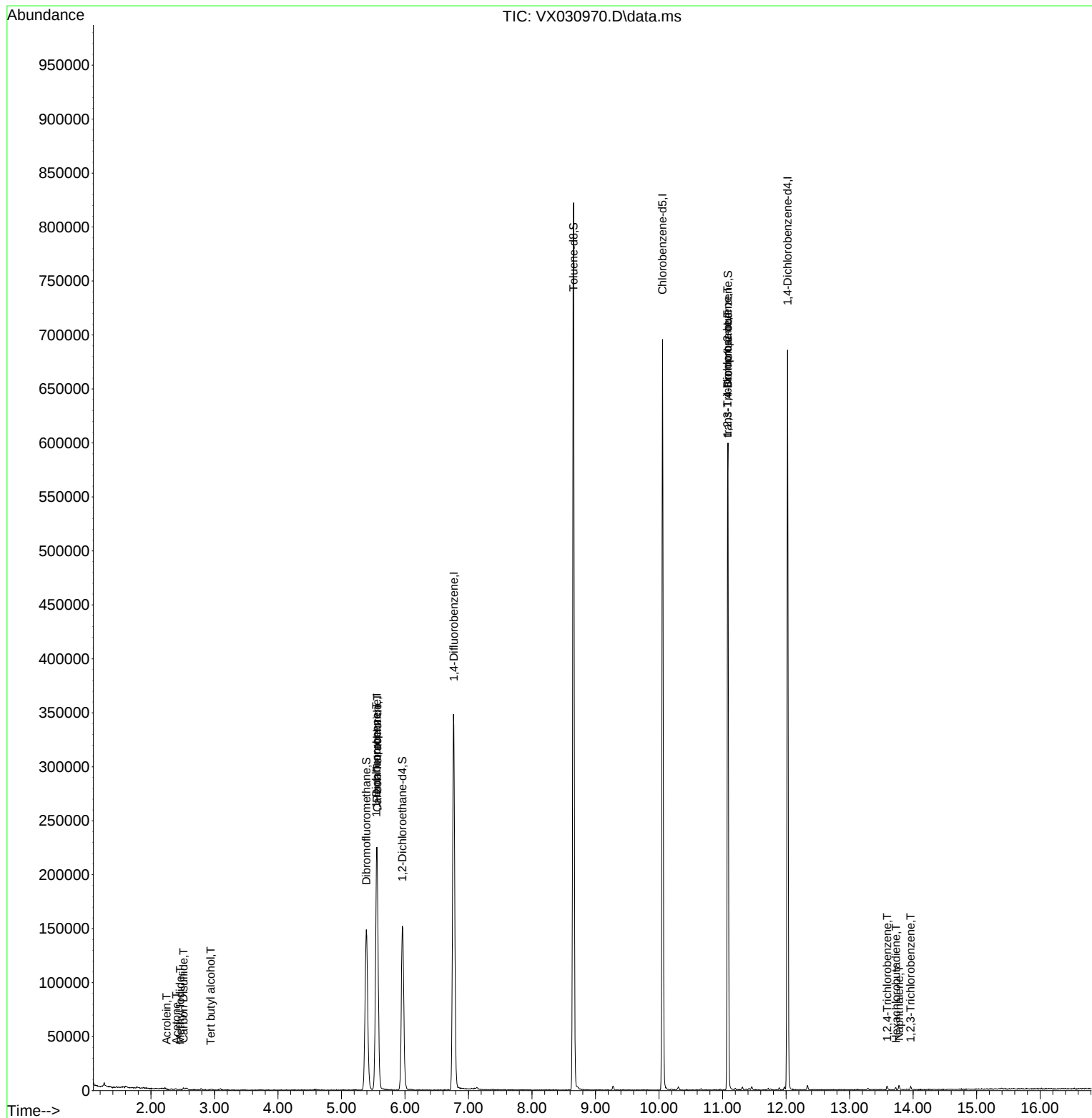
Internal Standards						
1) Pentafluorobenzene	5.556	168	220909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148522	46.875	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.760%
35) Dibromofluoromethane	5.391	113	136201	49.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	8.653	98	516563	50.613	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	11.085	95	169820	46.725	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	392	Below Cal	#	79
10) Methyl Iodide	2.459	142	602	4.594	ug/l #	71
11) Tert butyl alcohol	2.940	59	282	0.376	ug/l #	74
13) Acrolein	2.245	56	123	7.587	ug/l #	56
16) Acetone	2.398	43	1094	0.765	ug/l #	76
17) Carbon Disulfide	2.514	76	1929	0.272	ug/l	97
36) 1,1-Dichloropropene	5.550	75	16731	4.085	ug/l #	48
38) Carbon Tetrachloride	5.562	117	21292	5.460	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	78427	21.419	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	78427	63.683	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.591	180	1027	0.282	ug/l	99
94) Hexachlorobutadiene	13.731	225	345	0.223	ug/l	95
95) Naphthalene	13.780	128	3154	0.242	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	850	0.231	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
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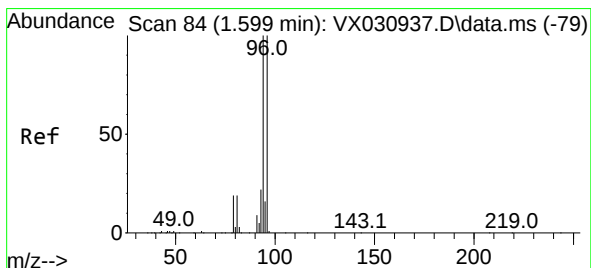
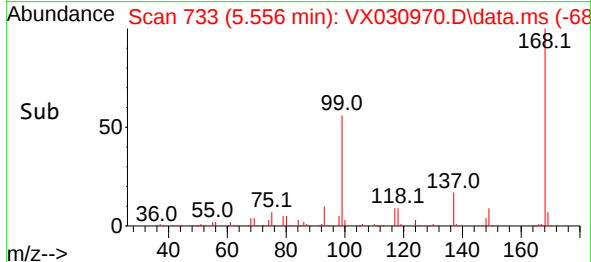
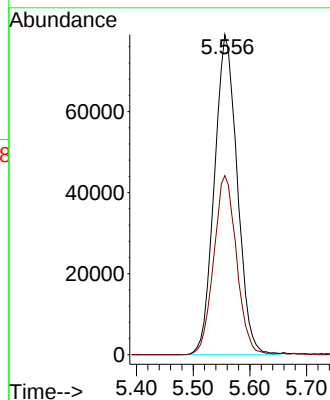
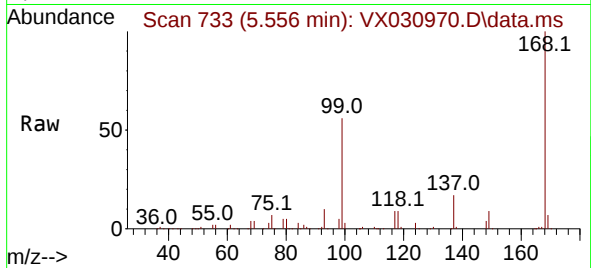




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

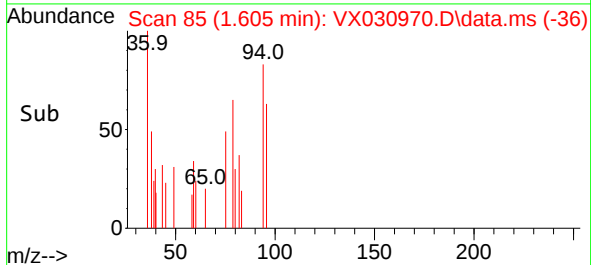
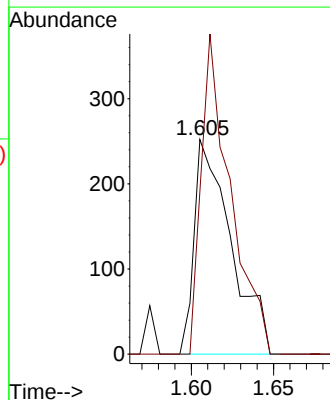
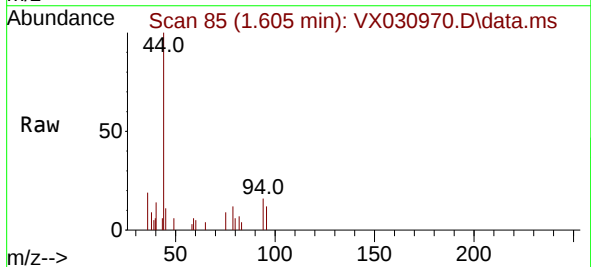
Instrument :
MSVOA_X
ClientSampleId :
MW-32

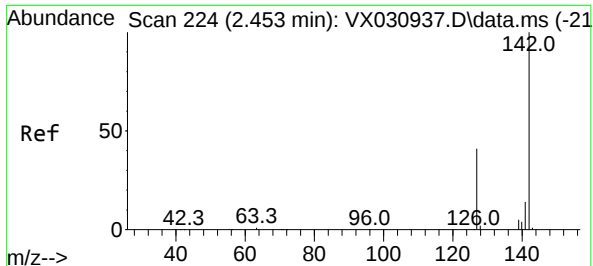
Tgt Ion:168 Resp: 220909
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion: 94 Resp: 392
Ion Ratio Lower Upper
94 100
96 75.8 76.9 115.3#

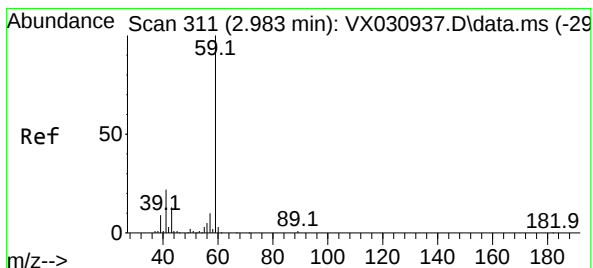
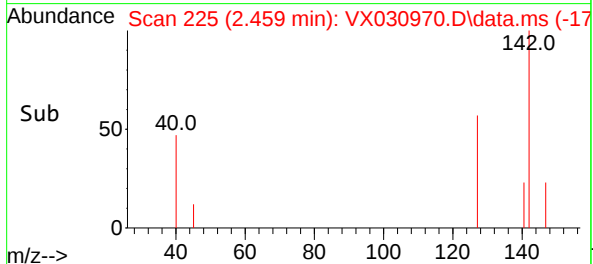
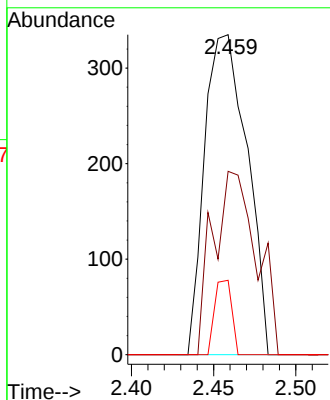
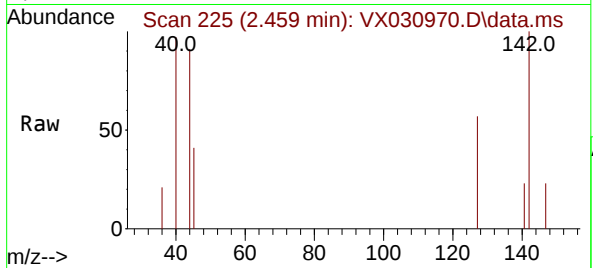




#10
Methyl Iodide
Concen: 4.594 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

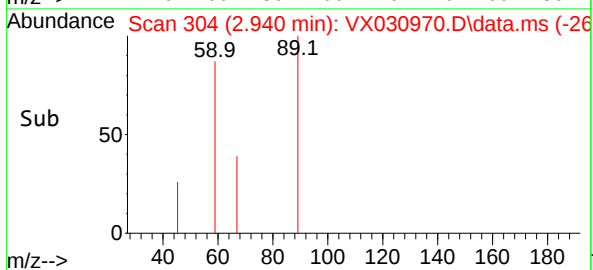
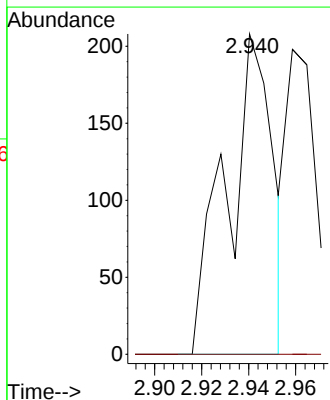
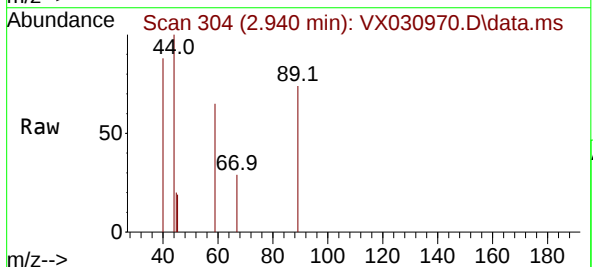
Instrument :
MSVOA_X
ClientSampleId :
MW-32

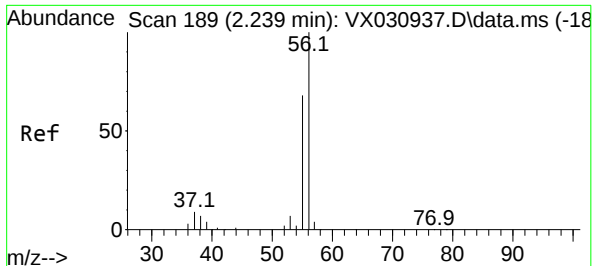
Tgt Ion:142 Resp: 602
Ion Ratio Lower Upper
142 100
127 58.8 30.2 45.2#
141 9.3 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.376 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

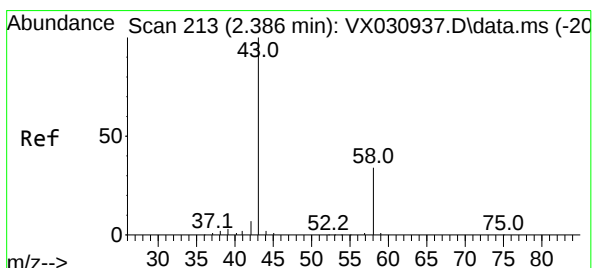
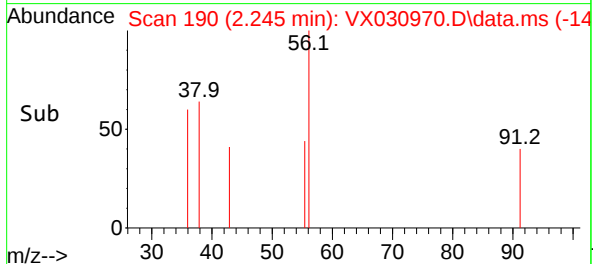
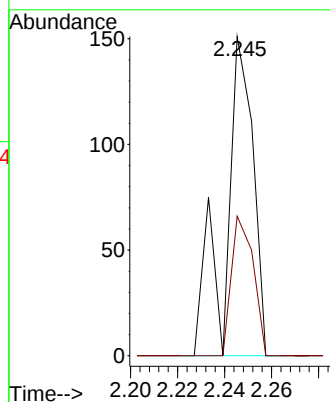
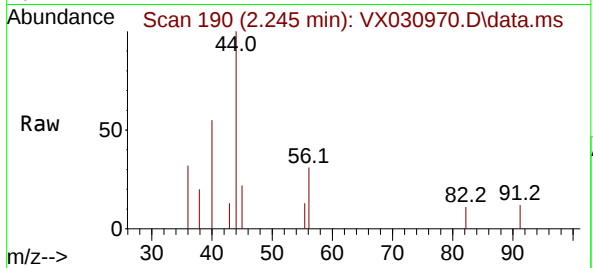




#13
Acrolein
Concen: 7.587 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

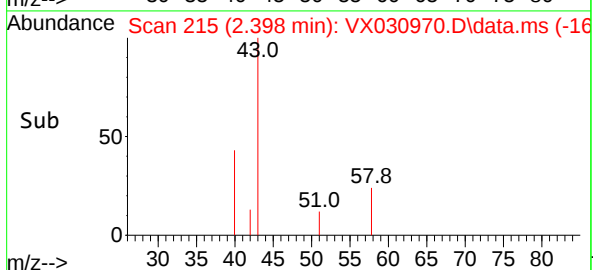
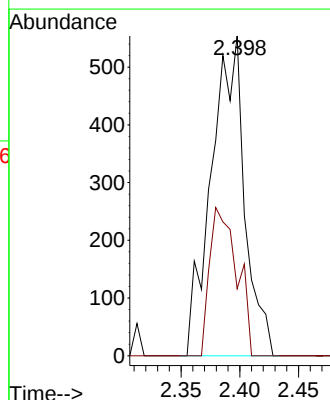
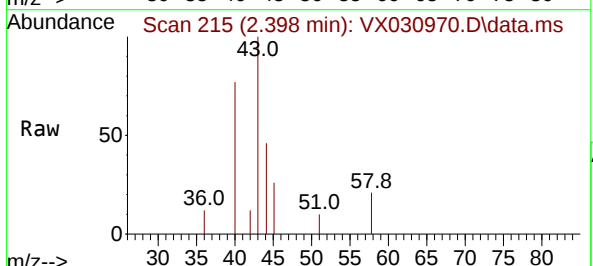
Instrument :
MSVOA_X
ClientSampleId :
MW-32

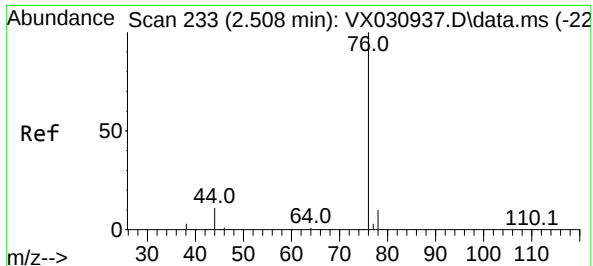
Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 34.1 56.6 84.8#



#16
Acetone
Concen: 0.765 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 20.9 27.7 41.5#

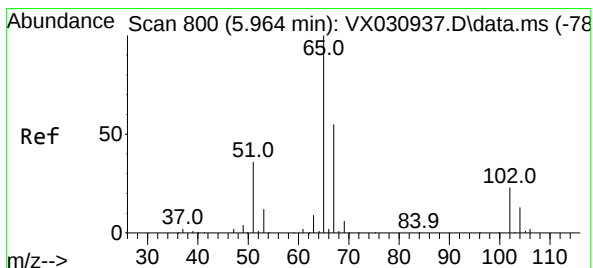
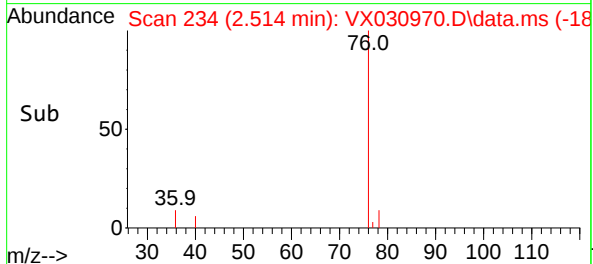
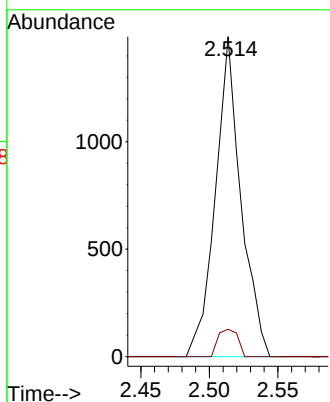
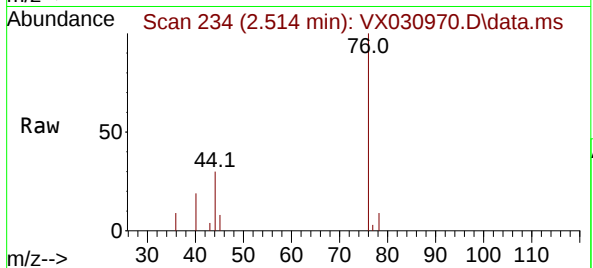




#17
Carbon Disulfide
Concen: 0.272 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

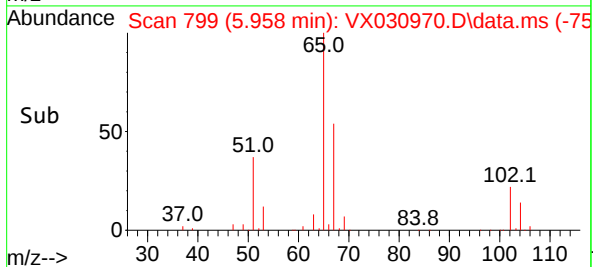
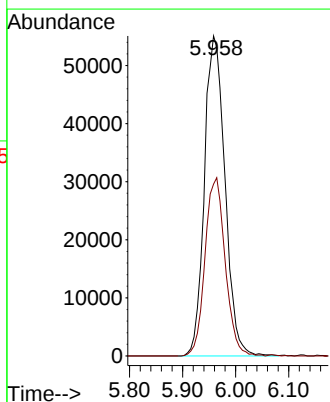
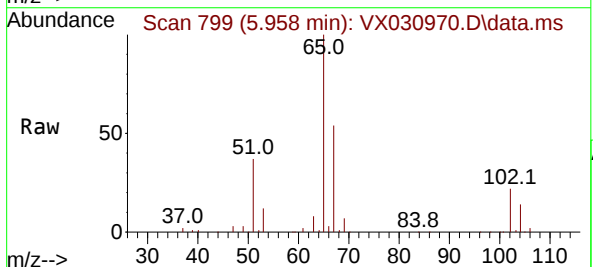
Instrument :
MSVOA_X
ClientSampleId :
MW-32

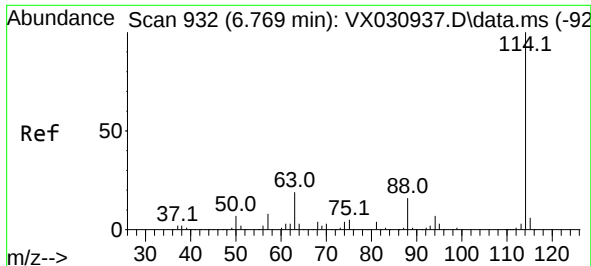
Tgt Ion: 76 Resp: 1929
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6



#33
1,2-Dichloroethane-d4
Concen: 46.875 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion: 65 Resp: 148522
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

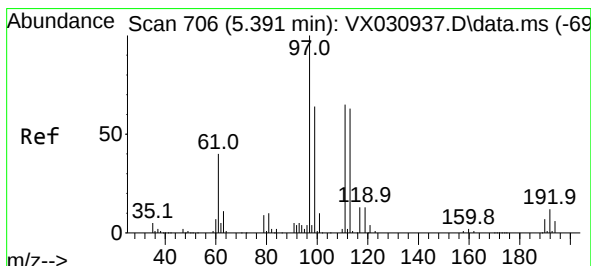
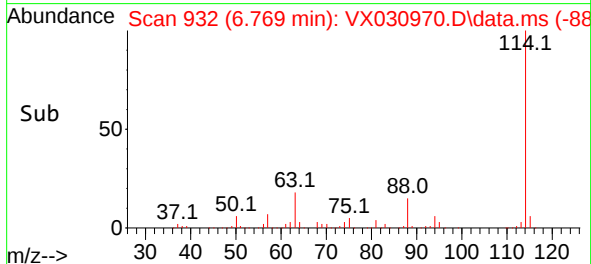
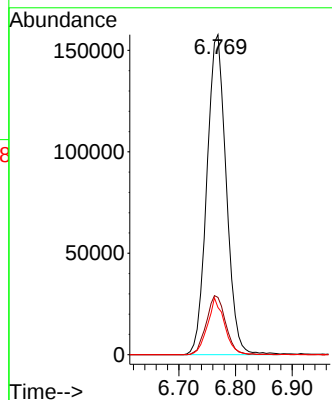
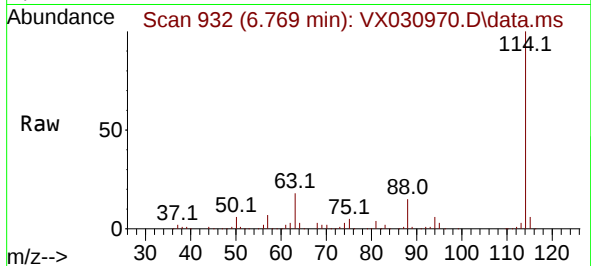




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

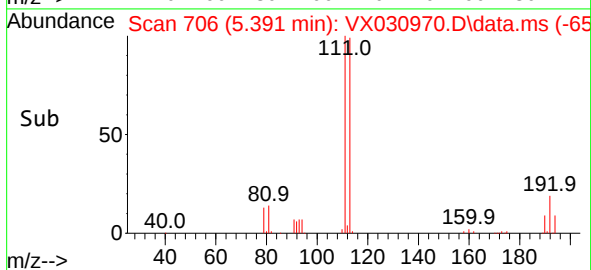
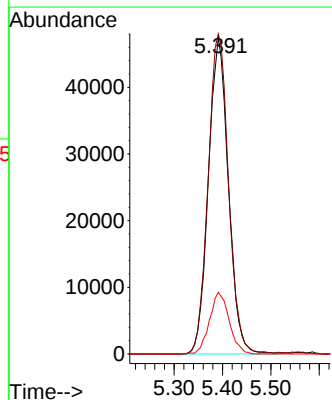
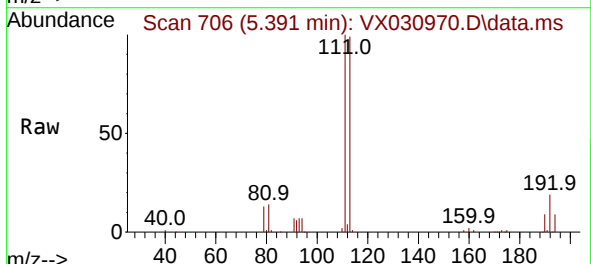
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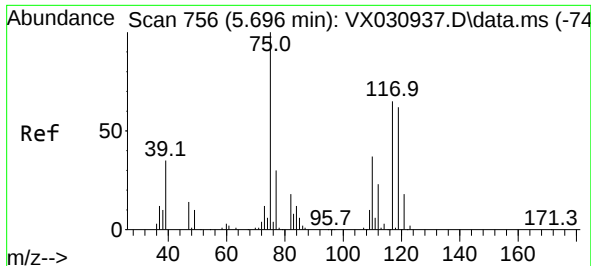
Tgt Ion:114 Resp: 373860
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.422 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion:113 Resp: 136201
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 19.1 14.8 22.2

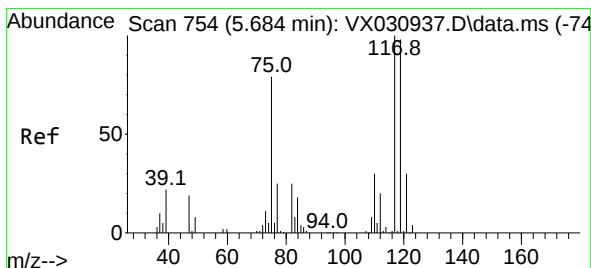
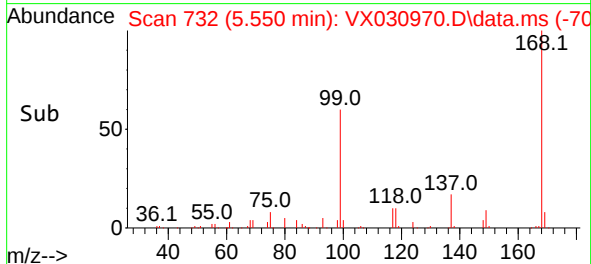
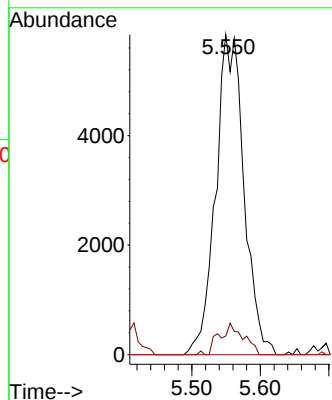
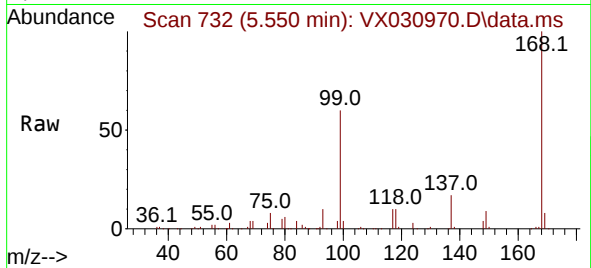




#36
 1,1-Dichloropropene
 Concen: 4.085 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX030970.D
 Acq: 31 Aug 2022 12:02

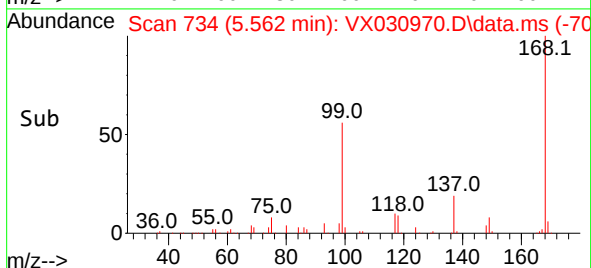
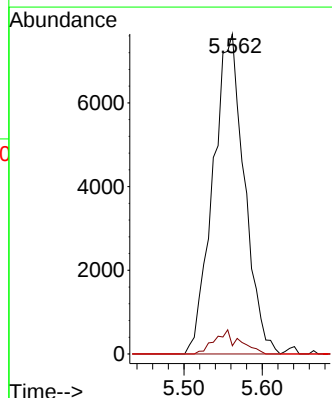
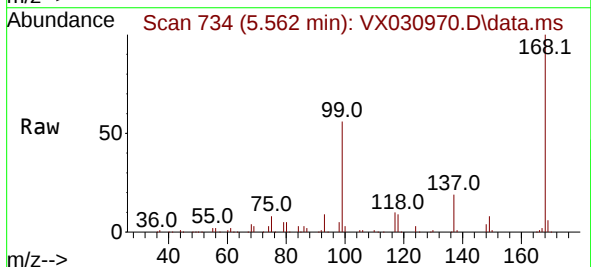
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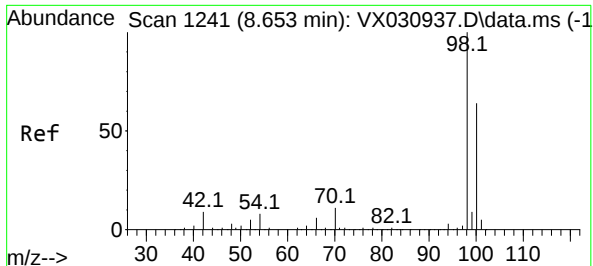
Tgt Ion: 75 Resp: 16731
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.460 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.122 min
 Lab File: VX030970.D
 Acq: 31 Aug 2022 12:02

Tgt Ion: 117 Resp: 21292
 Ion Ratio Lower Upper
 117 100
 119 2.6 74.1 111.1#
 121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 50.613 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030970.D

Acq: 31 Aug 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

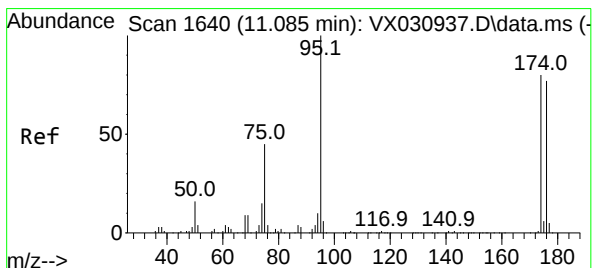
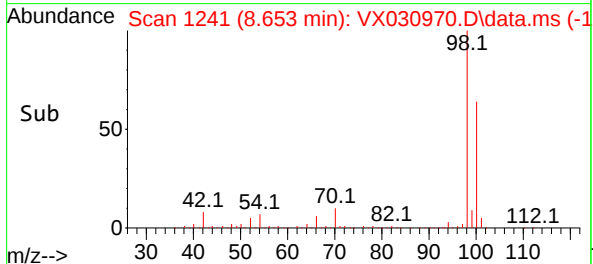
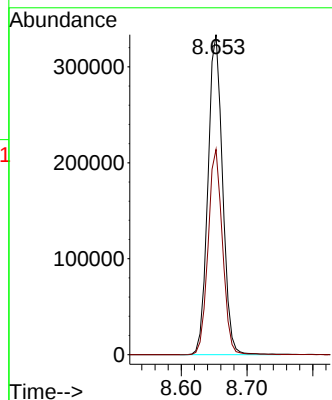
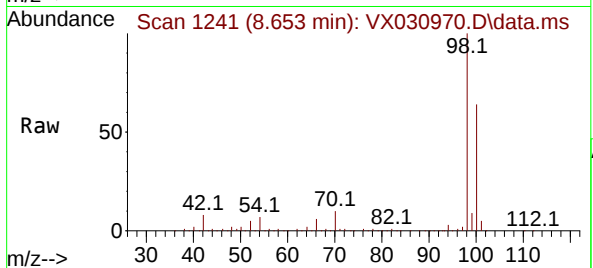
MW-32

Tgt Ion: 98 Resp: 516563

Ion Ratio Lower Upper

98 100

100 63.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.725 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030970.D

Acq: 31 Aug 2022 12:02

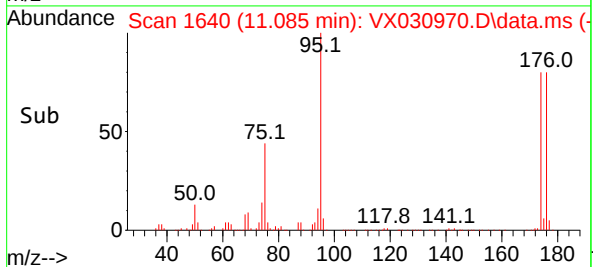
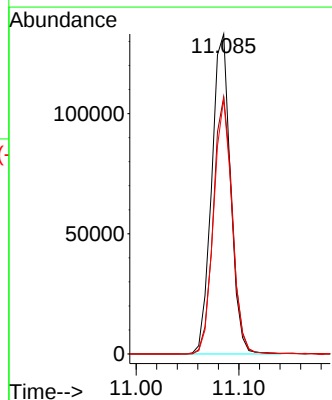
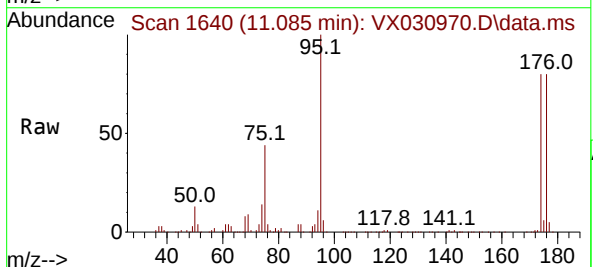
Tgt Ion: 95 Resp: 169820

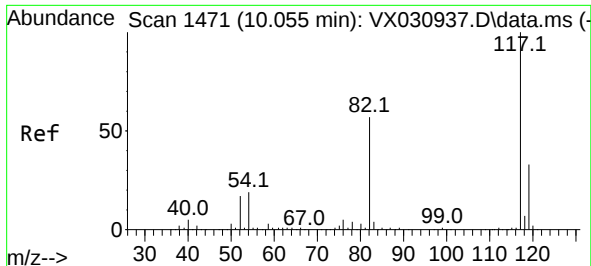
Ion Ratio Lower Upper

95 100

174 80.8 0.0 149.0

176 78.3 0.0 146.0

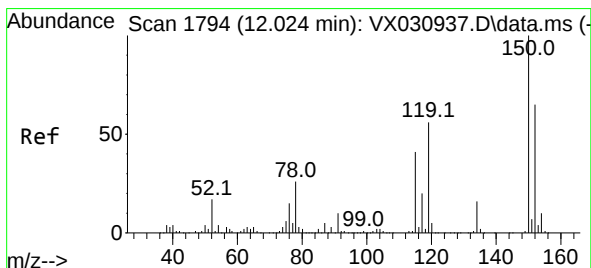
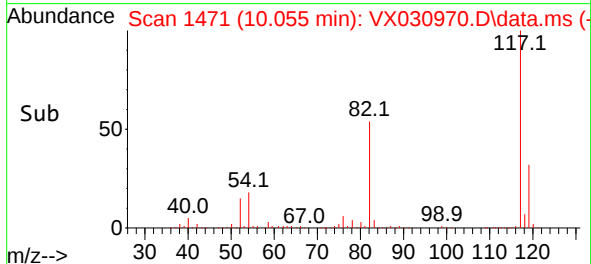
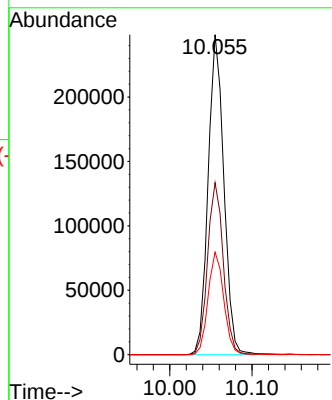
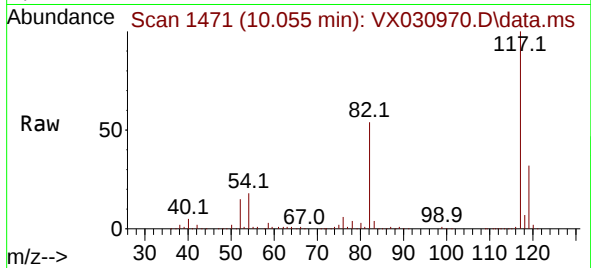




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

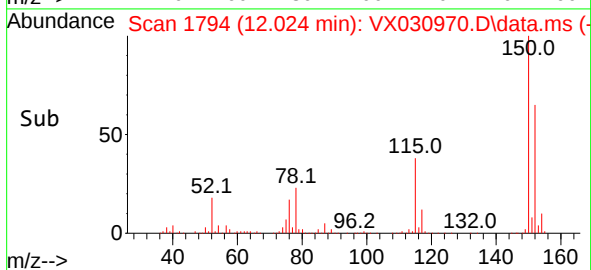
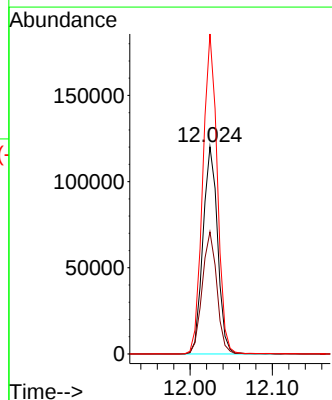
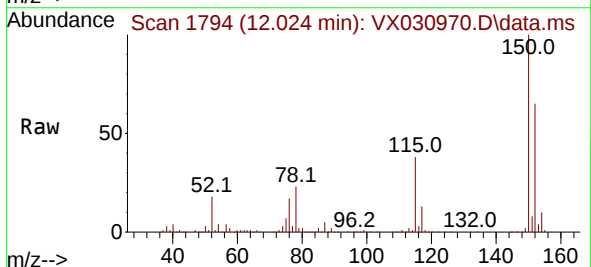
Instrument :
MSVOA_X
ClientSampleId :
MW-32

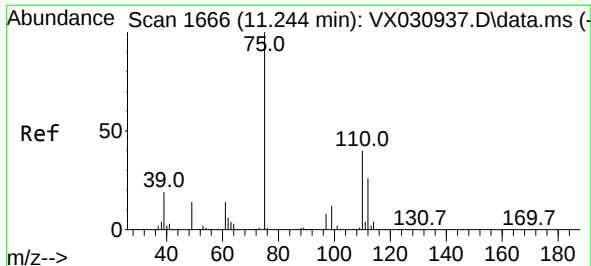
Tgt Ion:117 Resp: 329743
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion:152 Resp: 148727
Ion Ratio Lower Upper
152 100
115 58.8 40.5 121.5
150 153.1 0.0 347.0

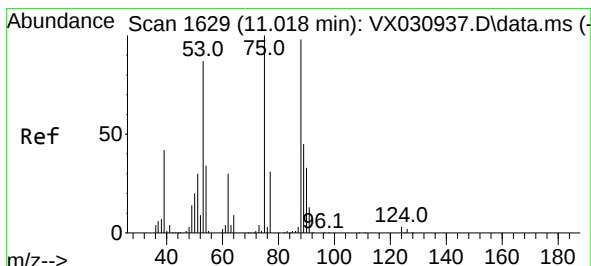
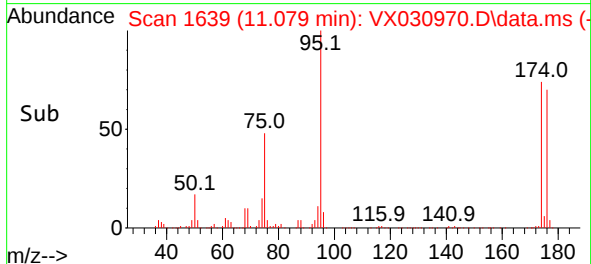
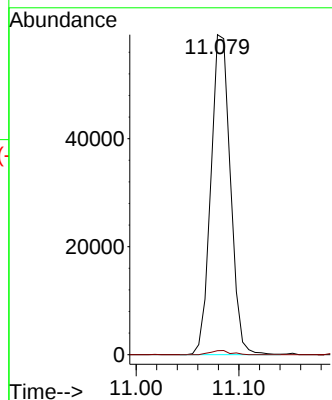
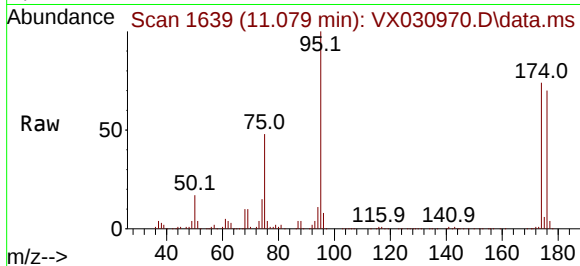




#76
1,2,3-Trichloropropane
Concen: 21.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

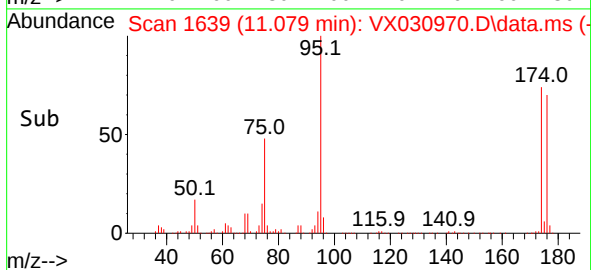
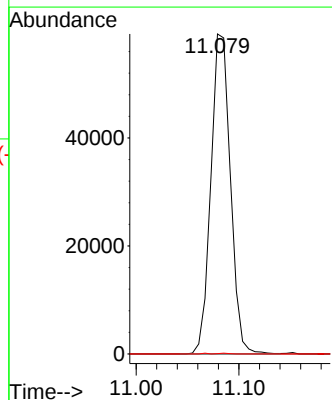
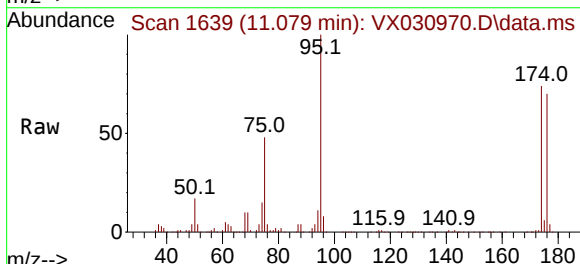
Instrument :
MSVOA_X
ClientSampleId :
MW-32

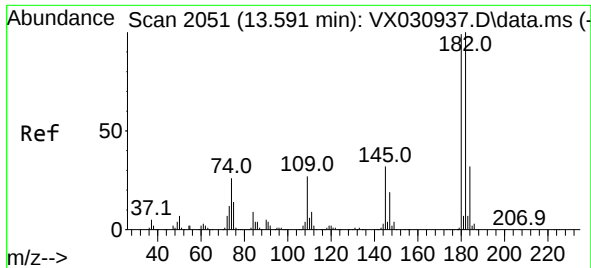
Tgt Ion: 75 Resp: 78427
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion: 75 Resp: 78427
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

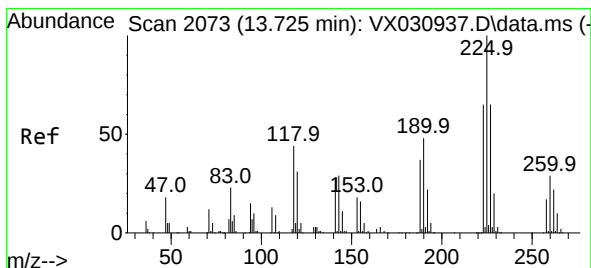
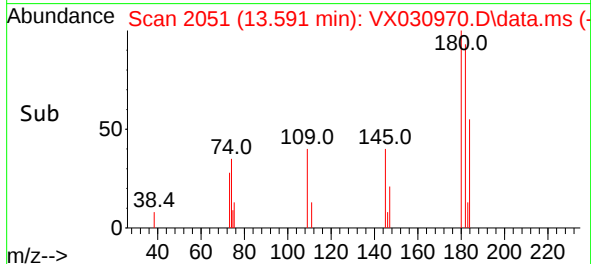
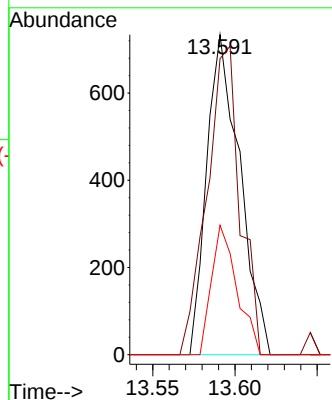
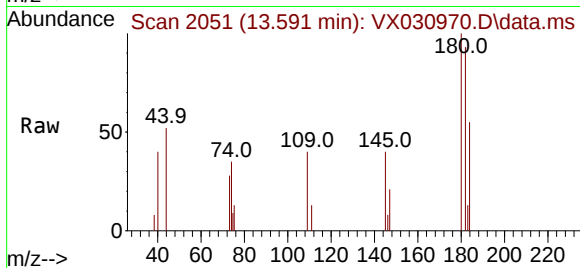




#93
1,2,4-Trichlorobenzene
Concen: 0.282 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

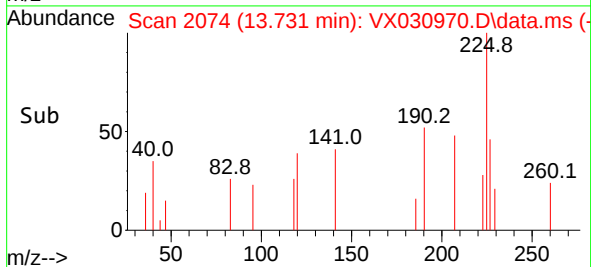
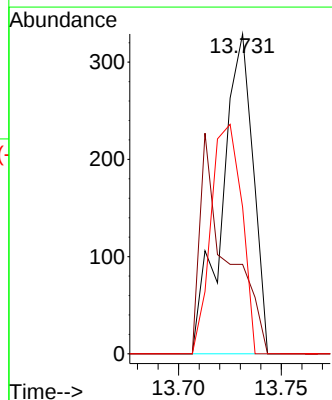
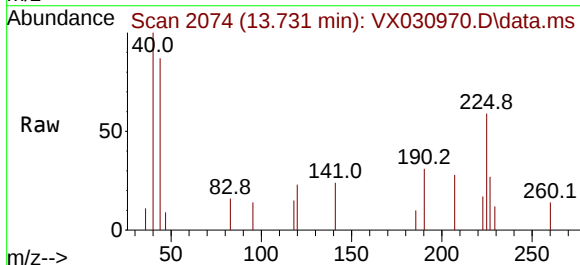
Instrument :
MSVOA_X
ClientSampleId :
MW-32

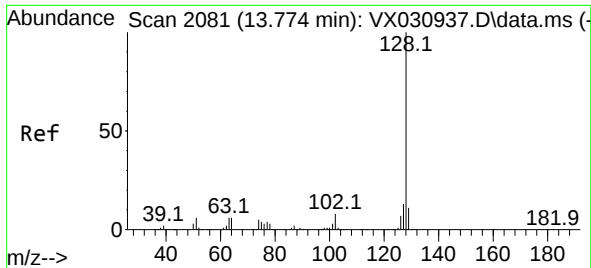
Tgt Ion:180 Resp: 1027
Ion Ratio Lower Upper
180 100
182 96.1 48.2 144.6
145 31.1 15.9 47.6



#94
Hexachlorobutadiene
Concen: 0.223 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion:225 Resp: 345
Ion Ratio Lower Upper
225 100
223 60.6 30.6 91.6
227 71.3 31.9 95.9

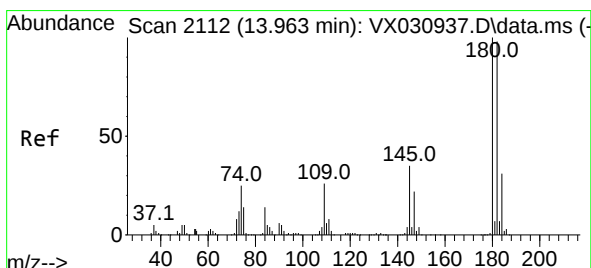
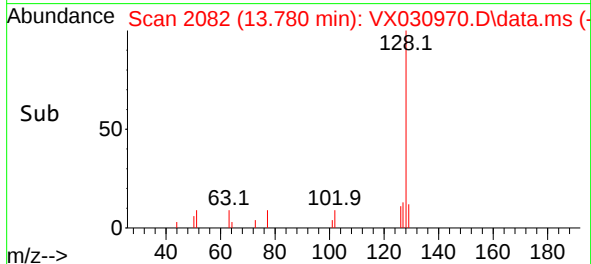
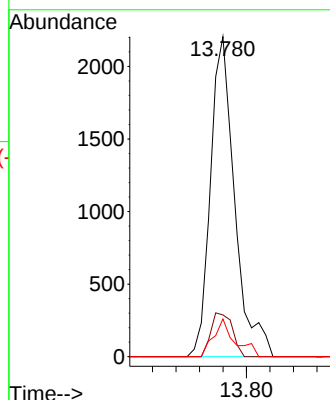
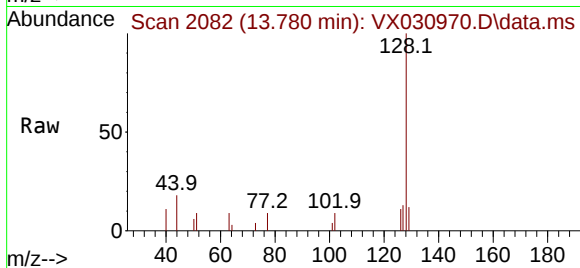




#95
Naphthalene
Concen: 0.242 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
MW-32

Tgt Ion:128	Resp:	3154
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.2 15.2
129	10.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030970.D
Acq: 31 Aug 2022 12:02

Tgt Ion:180	Resp:	850
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.0 141.0
145	35.1	17.0 50.9

