

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034074.D
 Acq On : 08 Feb 2023 10:40
 Operator : JC/MD
 Sample : VX0210MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBL01

Quant Time: Feb 08 13:20:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

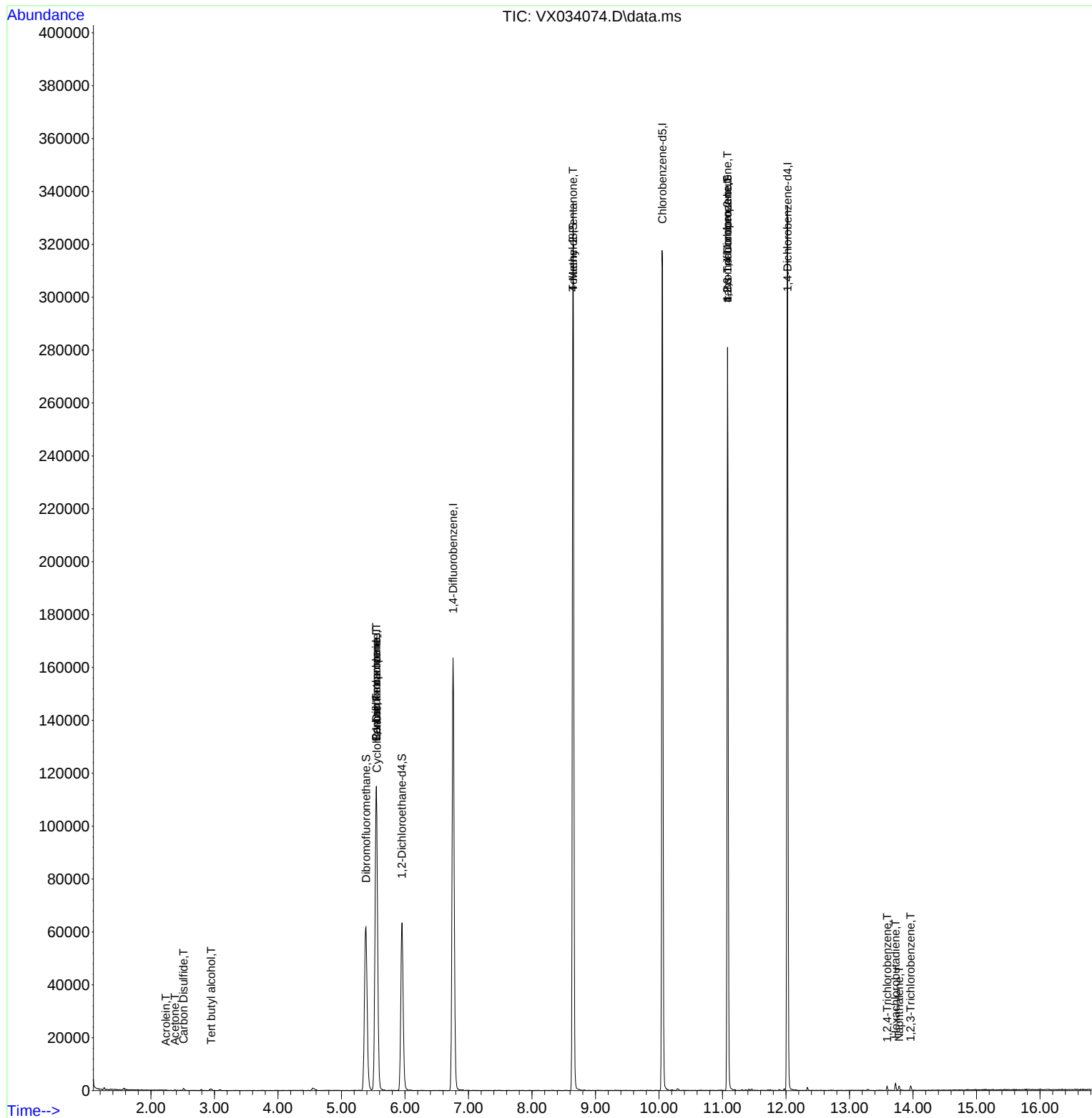
Internal Standards						
1) Pentafluorobenzene	5.550	168	124485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60771	50.638	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.280%			
35) Dibromofluoromethane	5.385	113	55648	49.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.647	98	197626	49.223	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.440%			
62) 4-Bromofluorobenzene	11.079	95	70286	49.016	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.040%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	419	2.492	ug/l #	86
13) Acrolein	2.233	56	85	0.377	ug/l #	14
16) Acetone	2.380	43	233	0.460	ug/l #	47
17) Carbon Disulfide	2.514	76	981	0.379	ug/l	97
31) Cyclohexane	5.556	56	1891	1.082	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	7249	4.745	ug/l #	48
38) Carbon Tetrachloride	5.550	117	10934	6.710	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	776	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33663	25.141	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33663	77.426	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	546	0.299	ug/l	98
94) Hexachlorobutadiene	13.725	225	593	0.656	ug/l	96
95) Naphthalene	13.780	128	1603	0.319	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	722	0.393	ug/l	83

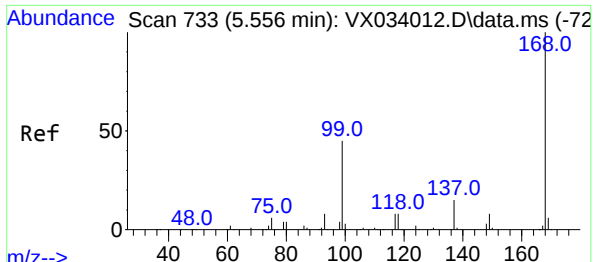
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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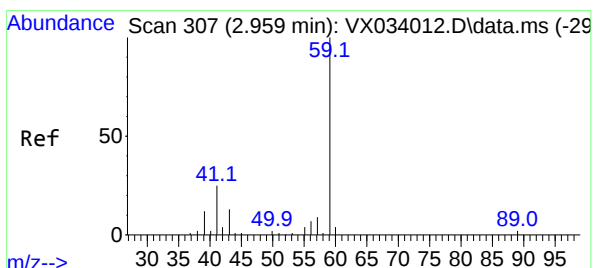
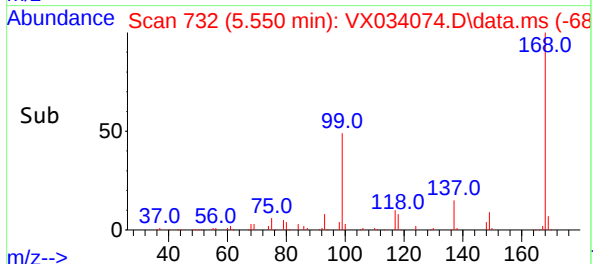
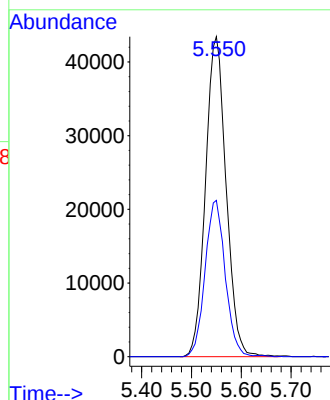
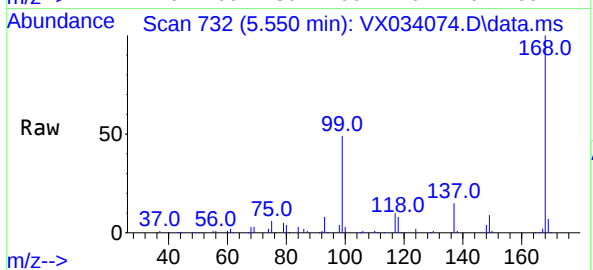




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

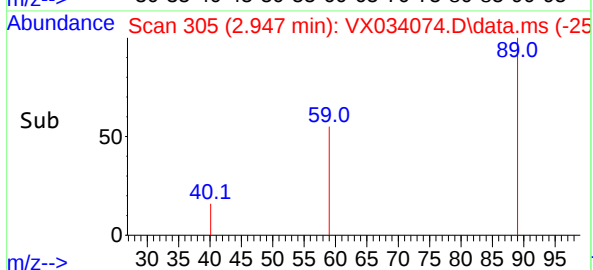
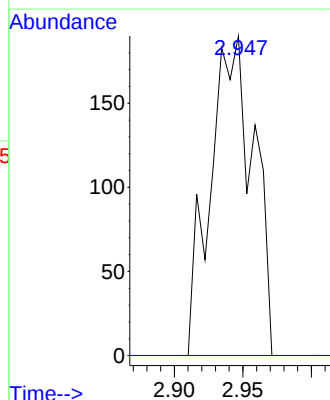
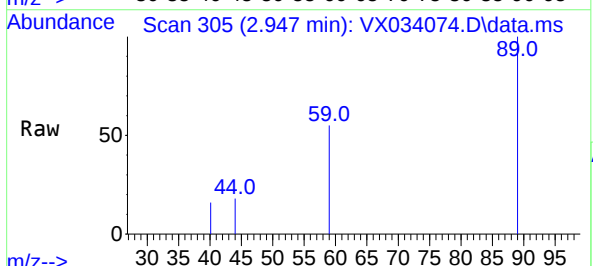
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBL01

Tgt Ion:168 Resp: 124485
Ion Ratio Lower Upper
168 100
99 48.9 39.6 59.4

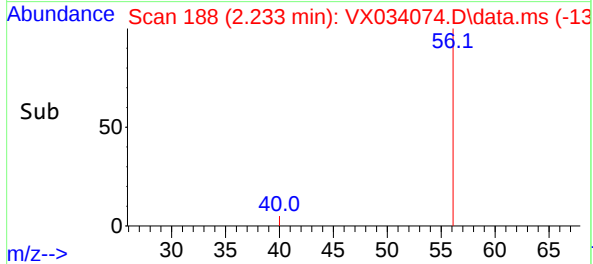
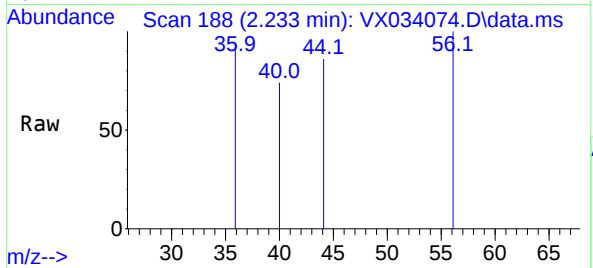
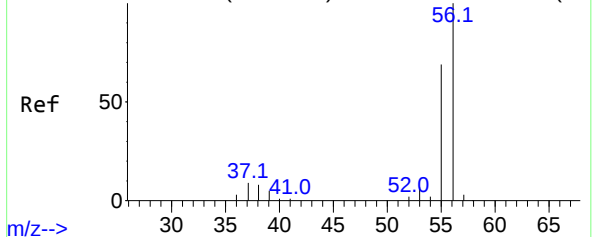


#11
Tert butyl alcohol
Concen: 2.492 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Tgt Ion: 59 Resp: 419
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



Abundance Scan 188 (2.233 min): VX034012.D\data.ms (-18



#13

Acrolein

Concen: 0.377 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034074.D

Acq: 08 Feb 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

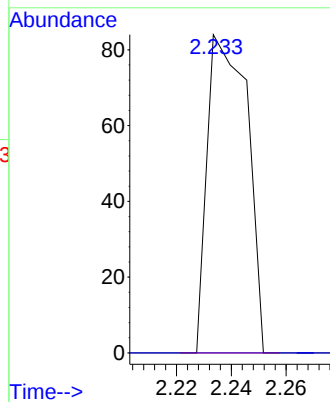
VX0210MBL01

Tgt Ion: 56 Resp: 85

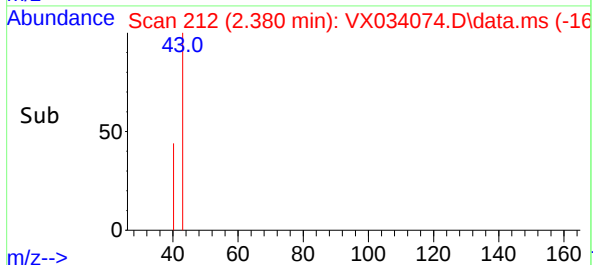
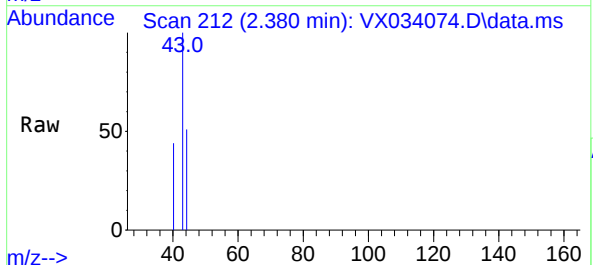
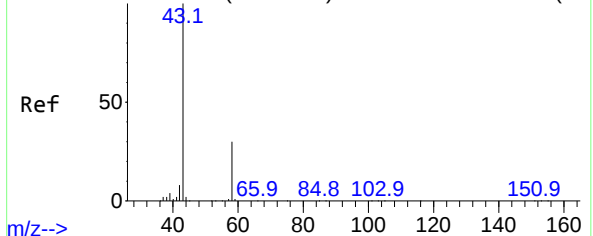
Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#



Abundance Scan 211 (2.374 min): VX034012.D\data.ms (-19



#16

Acetone

Concen: 0.460 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034074.D

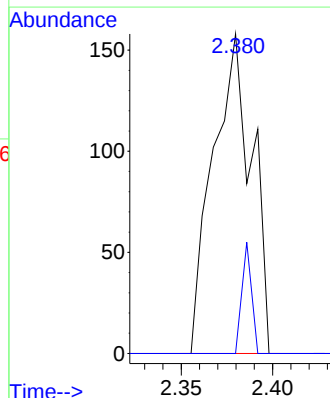
Acq: 08 Feb 2023 10:40

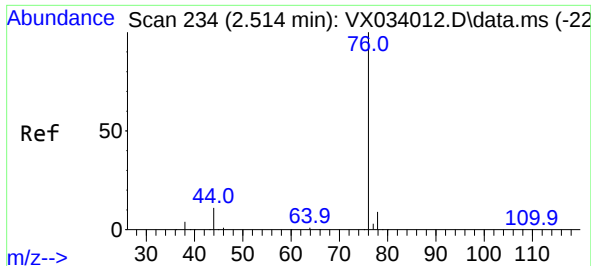
Tgt Ion: 43 Resp: 233

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#

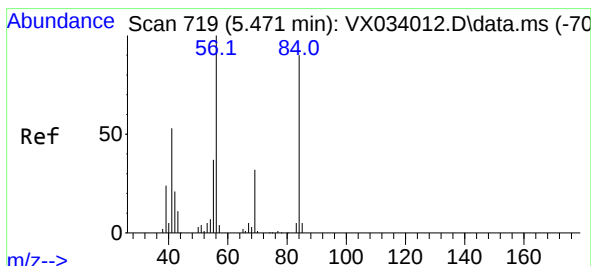
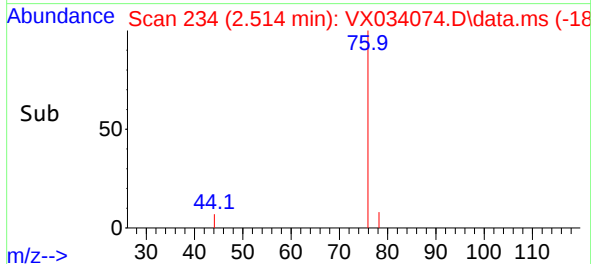
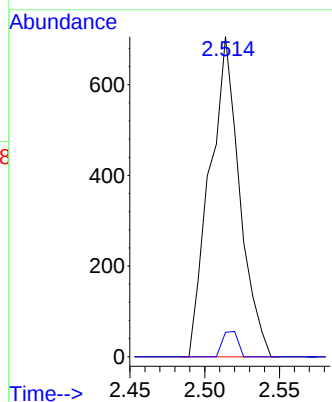
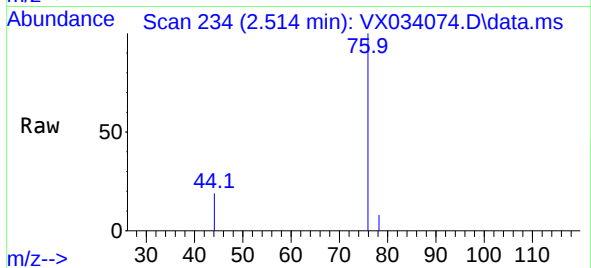




#17
Carbon Disulfide
Concen: 0.379 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

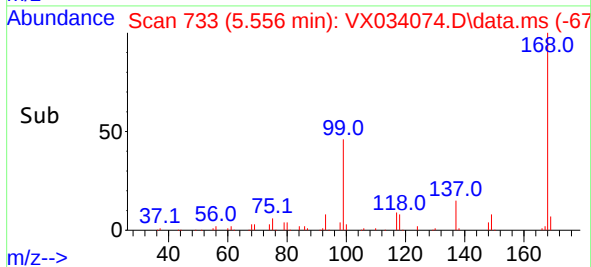
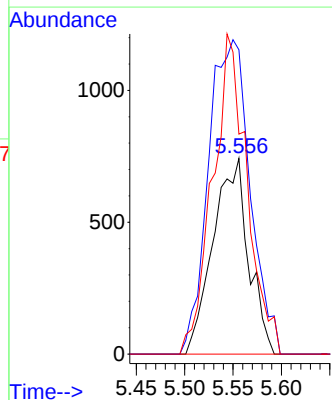
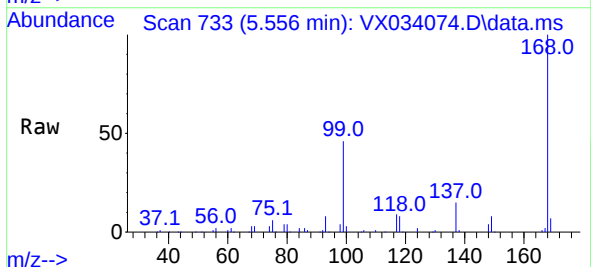
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBL01

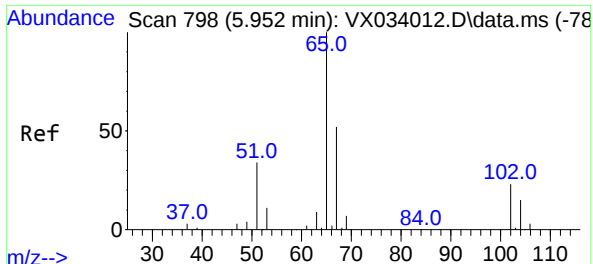
Tgt Ion: 76 Resp: 981
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6



#31
Cyclohexane
Concen: 1.082 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Tgt Ion: 56 Resp: 1891
Ion Ratio Lower Upper
56 100
69 155.5 24.6 37.0#
84 112.4 71.0 106.6#

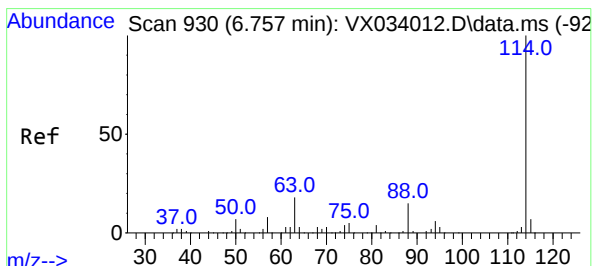
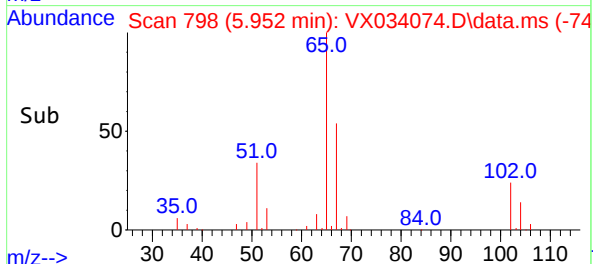
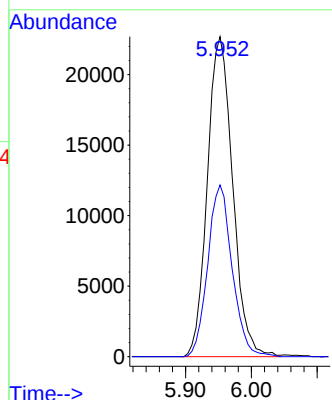
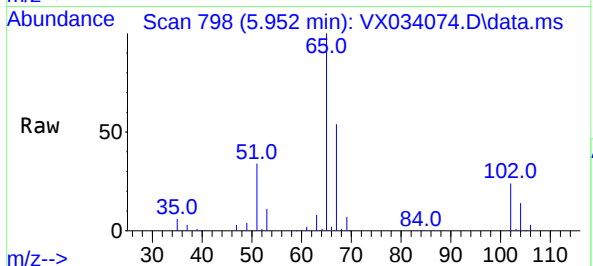




#33
 1,2-Dichloroethane-d4
 Concen: 50.638 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034074.D
 Acq: 08 Feb 2023 10:40

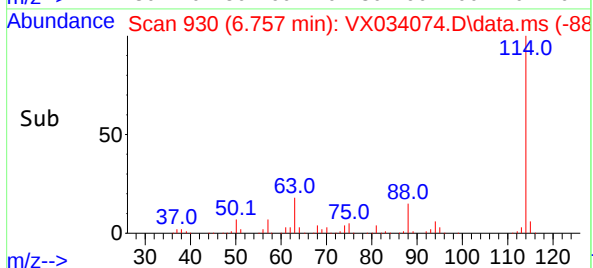
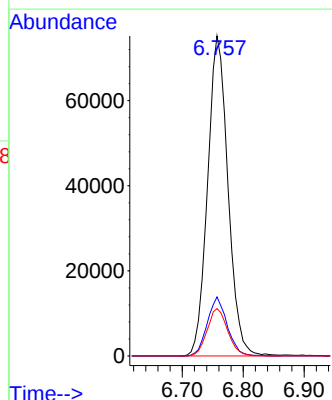
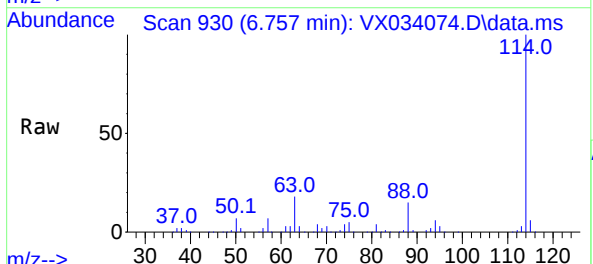
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210MBL01

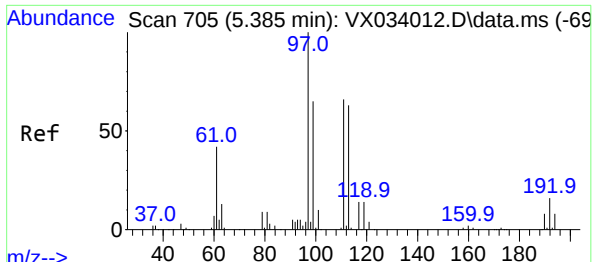
Tgt Ion: 65 Resp: 60771
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034074.D
 Acq: 08 Feb 2023 10:40

Tgt Ion: 114 Resp: 175092
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.4
 88 14.8 0.0 30.6

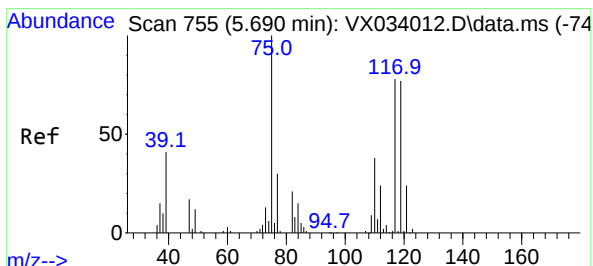
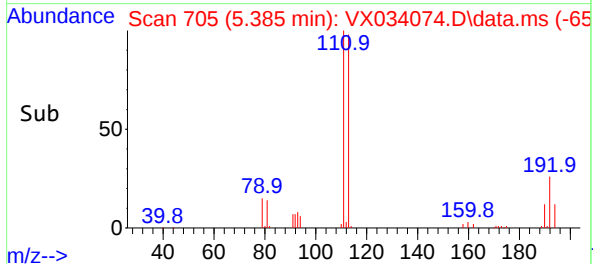
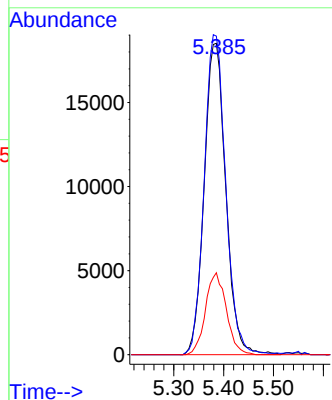
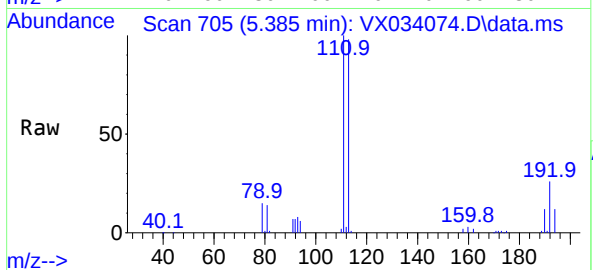




#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

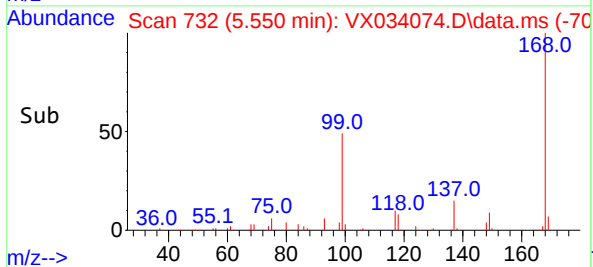
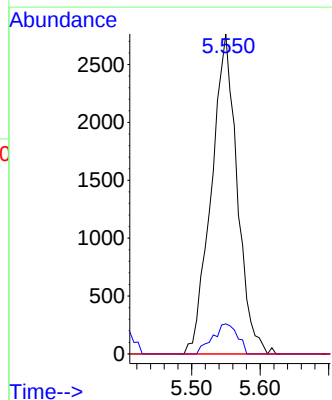
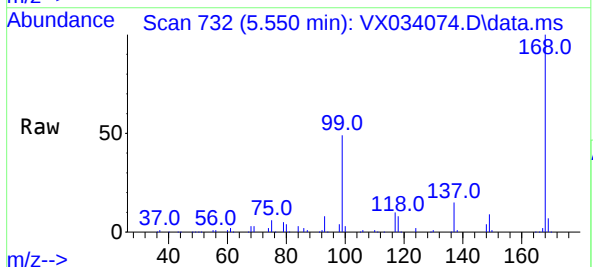
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VX0210MBL01

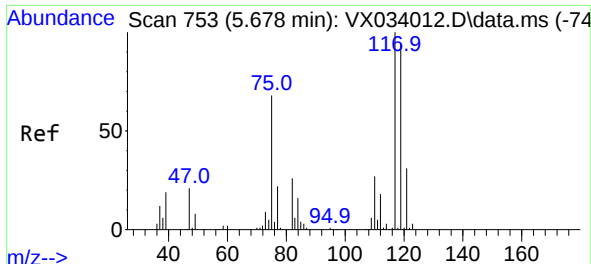
Tgt Ion:	113	Resp:	55648
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	25.4	19.0	28.4



#36
1,1-Dichloropropene
Concen: 4.745 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Tgt Ion:	75	Resp:	7249
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.8	56.4#
77	0.0	25.1	37.7#

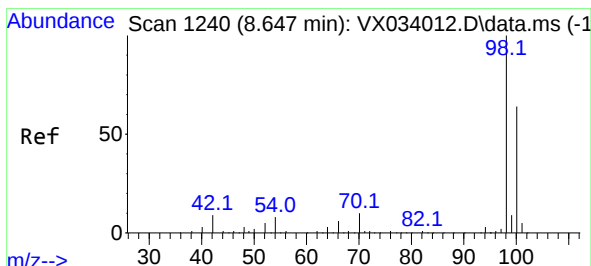
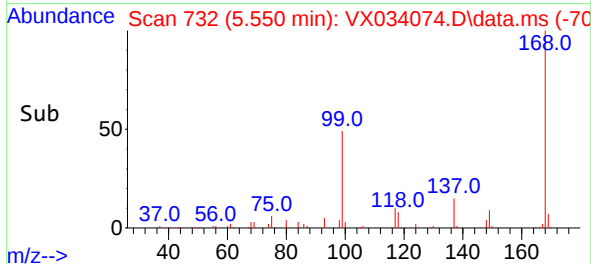
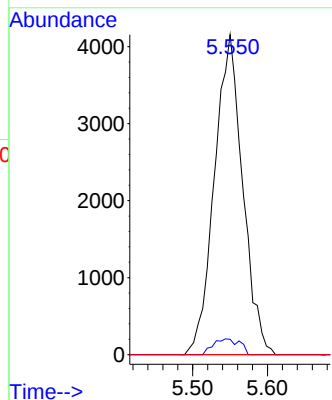
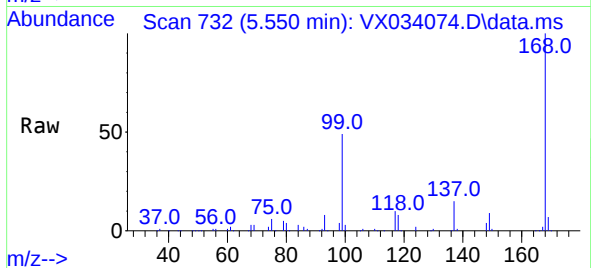




#38
Carbon Tetrachloride
Concen: 6.710 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

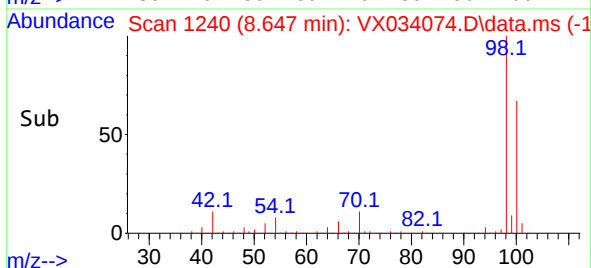
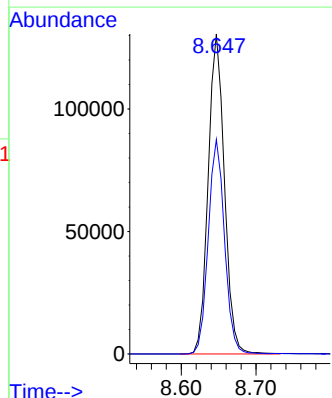
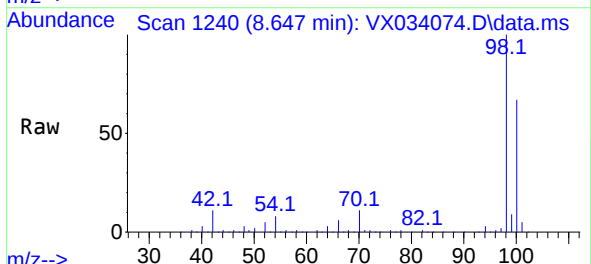
Instrument :
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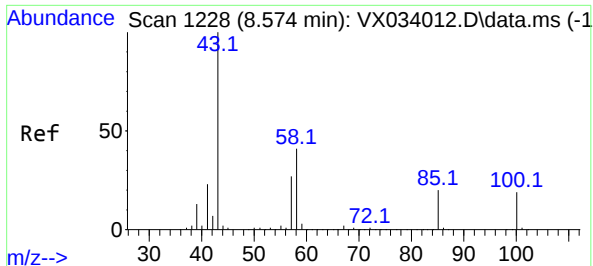
Tgt Ion:117 Resp: 10934
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.223 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Tgt Ion: 98 Resp: 197626
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.557 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX034074.D

Acq: 08 Feb 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

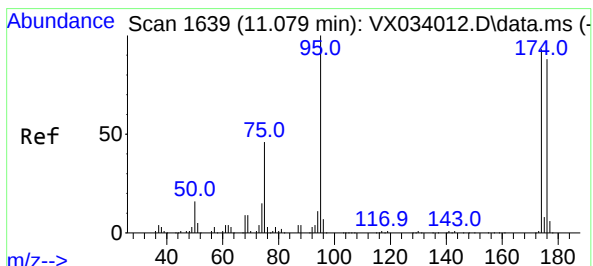
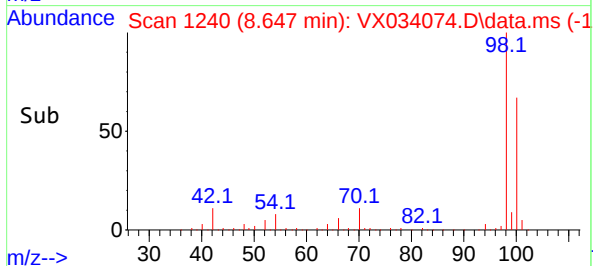
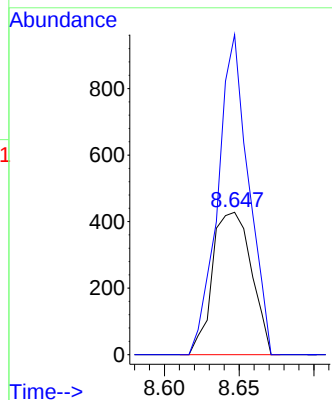
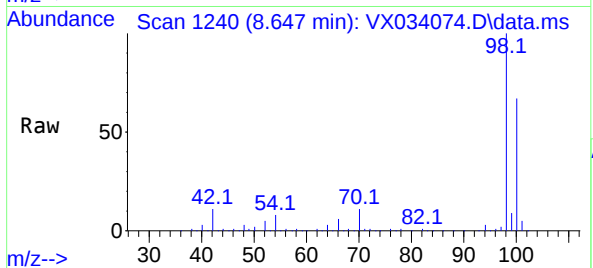
VX0210MBL01

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

43 100

58 177.7 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 49.016 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034074.D

Acq: 08 Feb 2023 10:40

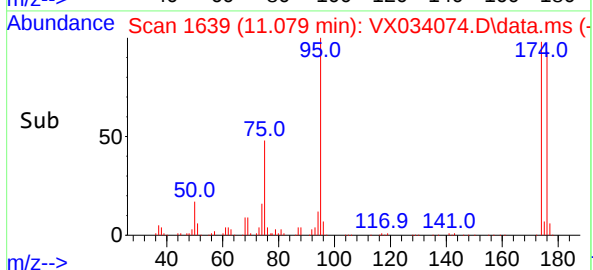
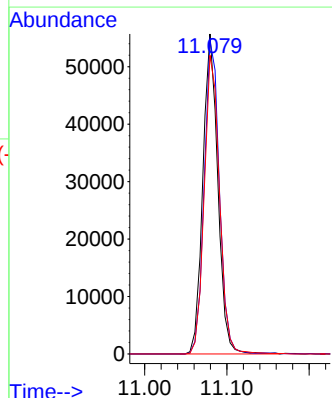
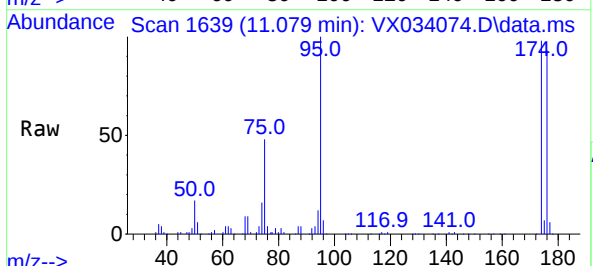
Tgt Ion: 95 Resp: 70286

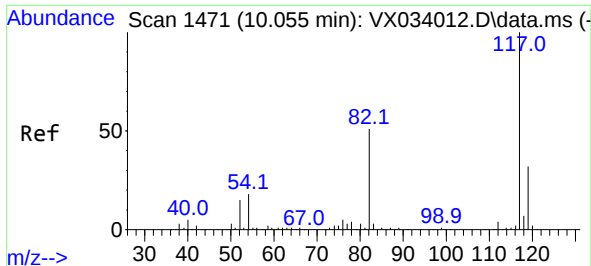
Ion Ratio Lower Upper

95 100

174 99.3 0.0 184.4

176 95.2 0.0 178.8

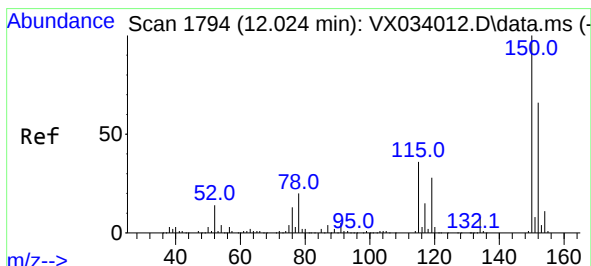
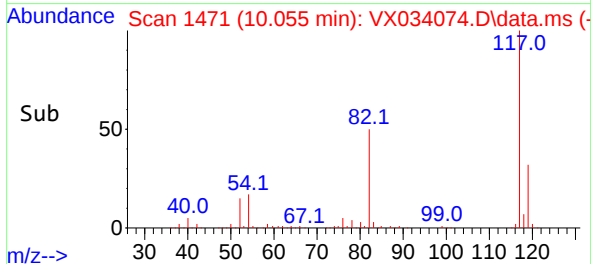
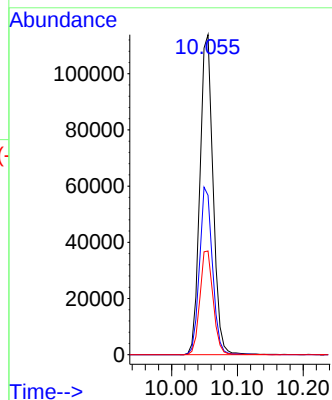
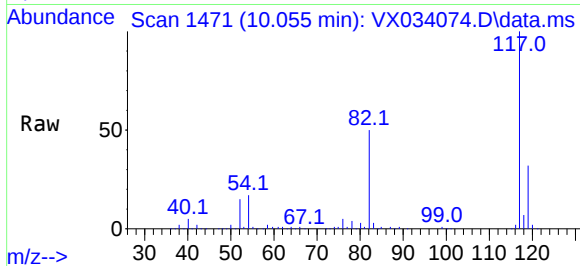




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

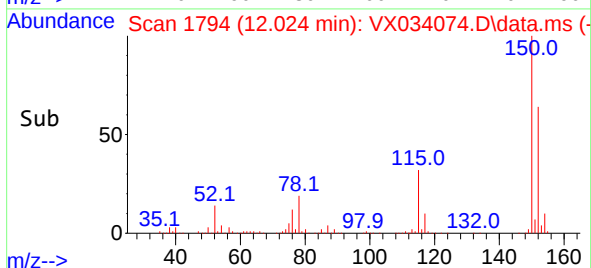
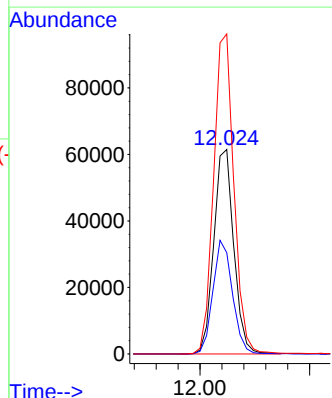
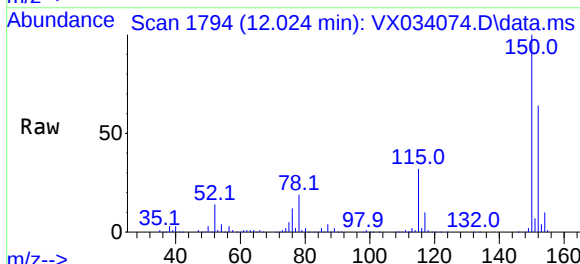
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBL01

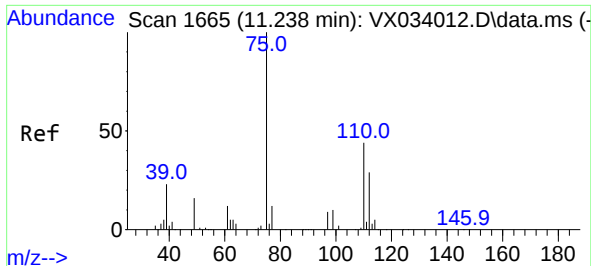
Tgt Ion:117 Resp: 157978
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Tgt Ion:152 Resp: 77979
Ion Ratio Lower Upper
152 100
115 54.3 38.7 116.1
150 158.8 0.0 348.2

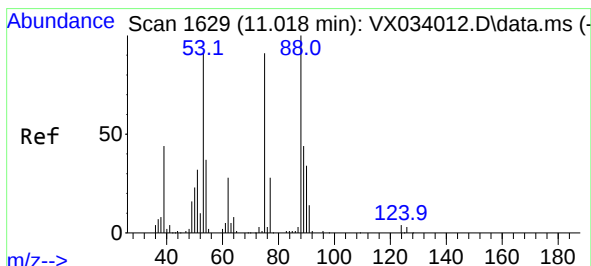
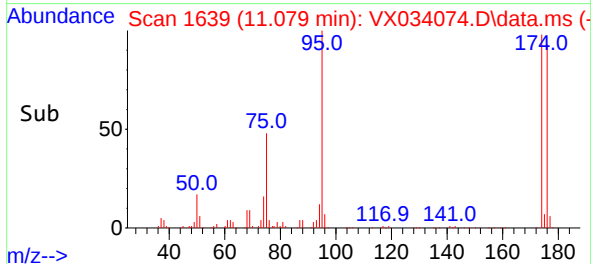
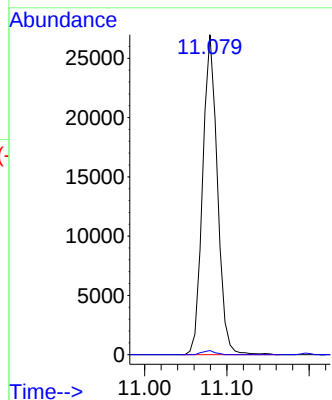
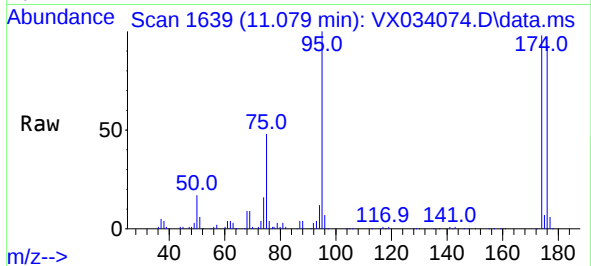




#76
1,2,3-Trichloropropane
Concen: 25.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

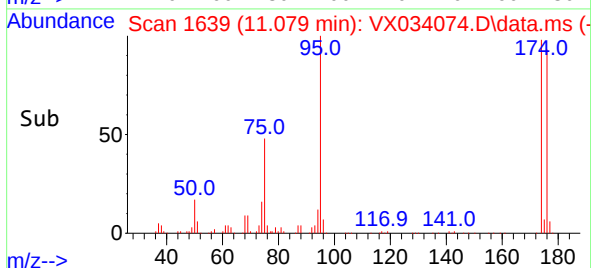
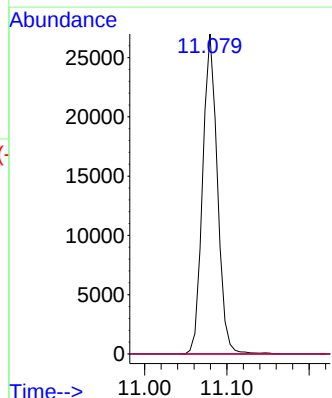
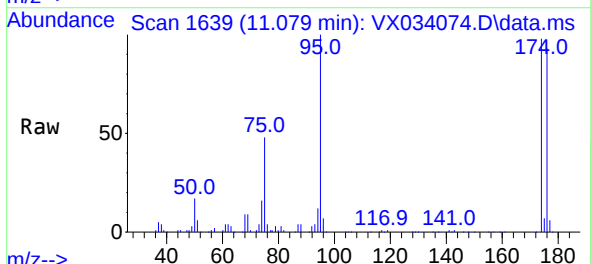
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBL01

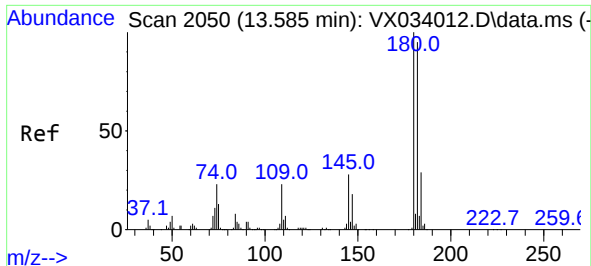
Tgt Ion: 75 Resp: 33663
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.426 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Tgt Ion: 75 Resp: 33663
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

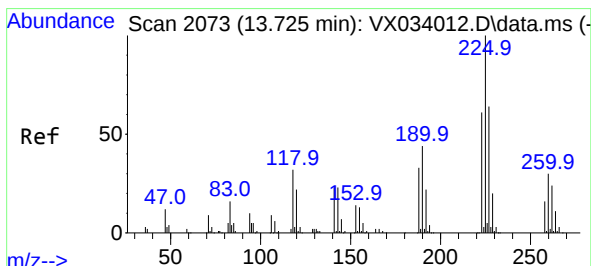
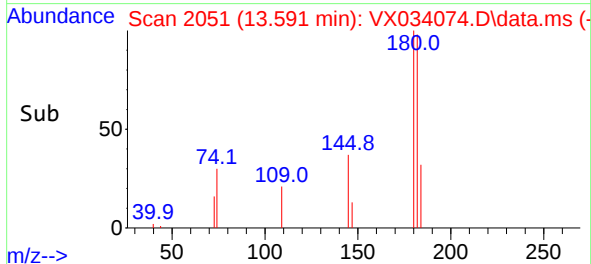
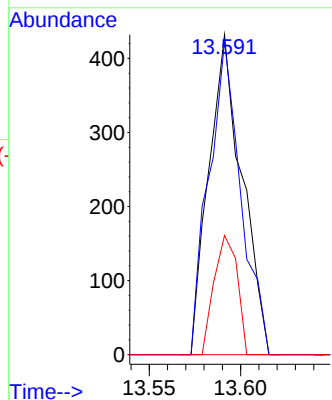
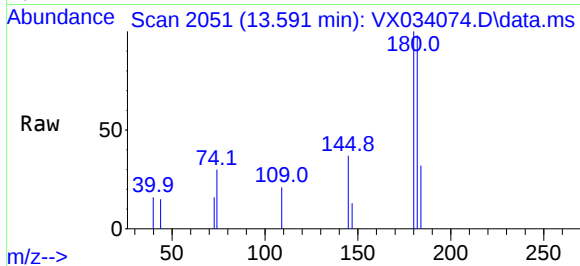




#93
1,2,4-Trichlorobenzene
Concen: 0.299 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

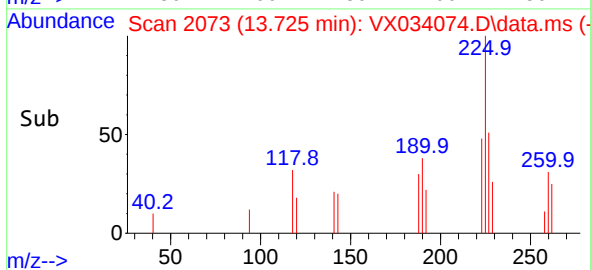
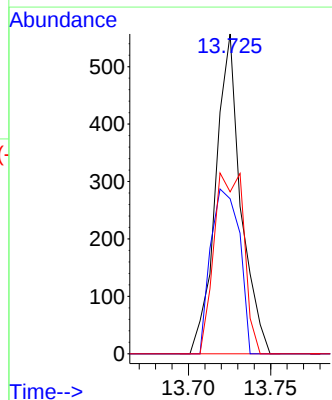
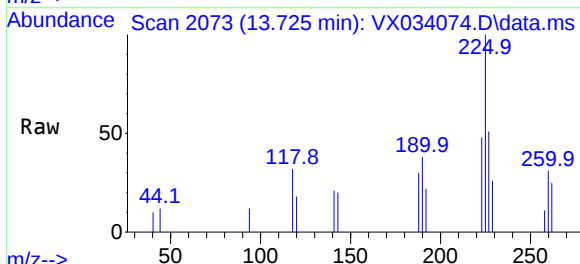
Instrument :
MSVOA_X
ClientSampleId :
VX0210MBL01

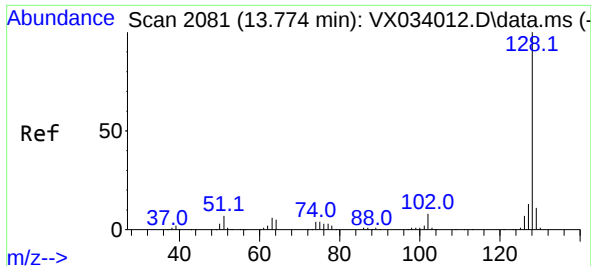
Tgt Ion:180	Resp:	546
Ion	Ratio	Lower Upper
180	100	
182	94.5	47.9 143.6
145	26.0	14.1 42.2



#94
Hexachlorobutadiene
Concen: 0.656 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Tgt Ion:225	Resp:	593
Ion	Ratio	Lower Upper
225	100	
223	58.7	31.3 93.9
227	66.9	32.3 96.9

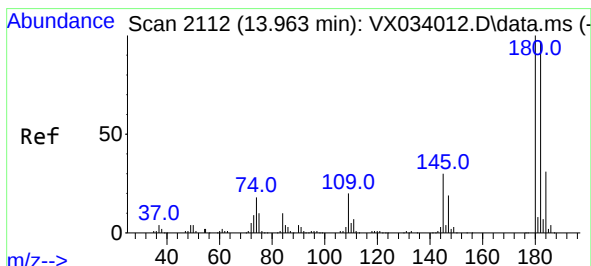
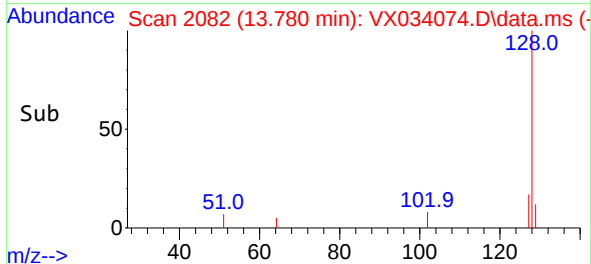
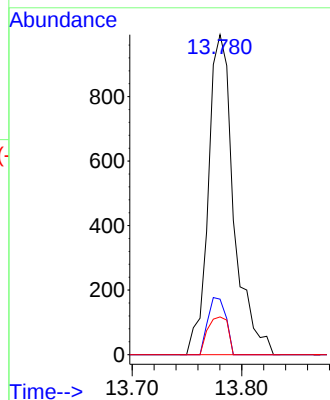
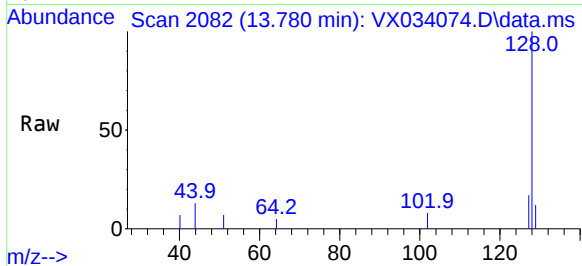




#95
Naphthalene
Concen: 0.319 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Instrument :
MSVOA_X
ClientSampleId :
VX0210MBL01

Tgt Ion:	128	Resp:	1603
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	9.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.393 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034074.D
Acq: 08 Feb 2023 10:40

Tgt Ion:	180	Resp:	722
Ion	Ratio	Lower	Upper
180	100		
182	75.6	47.6	142.9
145	26.3	15.1	45.3

