

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032616.D
 Acq On : 07 Nov 2022 10:55
 Operator : JC/MD
 Sample : VX1107MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107MBL01

Quant Time: Nov 08 03:09:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

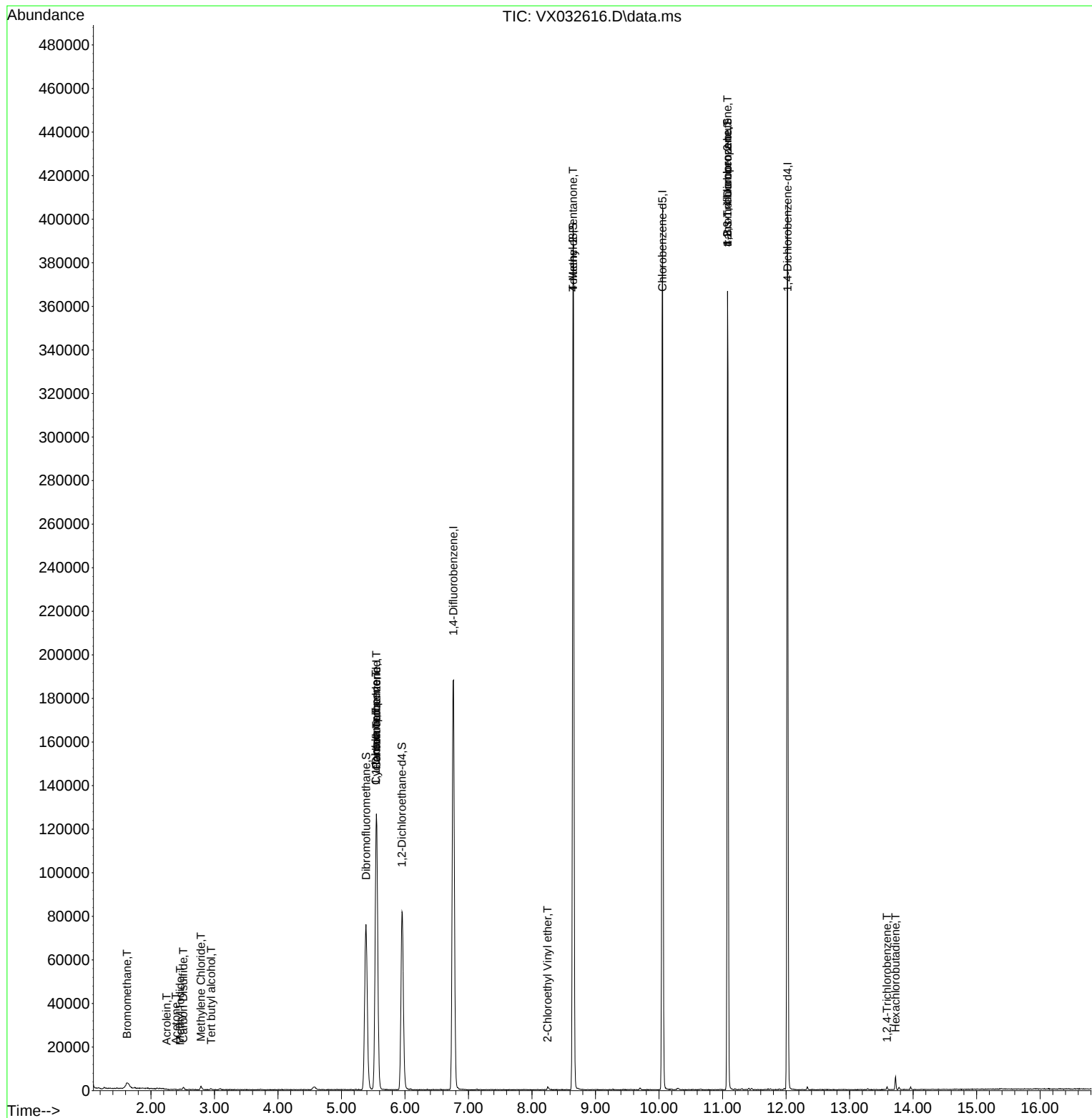
Internal Standards						
1) Pentafluorobenzene	5.550	168	119333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83271	50.221	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.440%			
35) Dibromofluoromethane	5.385	113	64793	46.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.760%			
50) Toluene-d8	8.647	98	235155	48.413	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.820%			
62) 4-Bromofluorobenzene	11.079	95	92562	48.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.560%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	296	0.289	ug/l	98
10) Methyl Iodide	2.459	142	238	2.077	ug/l #	37
11) Tert butyl alcohol	2.947	59	180	0.746	ug/l #	72
13) Acrolein	2.246	56	168	0.697	ug/l #	14
16) Acetone	2.392	43	291	0.483	ug/l #	45
17) Carbon Disulfide	2.508	76	1323	0.464	ug/l #	92
20) Methylene Chloride	2.788	84	726	0.525	ug/l	88
31) Cyclohexane	5.544	56	2676	1.331	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	9463	4.865	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12216	5.662	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1186	0.606	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.244	63	657	0.627	ug/l #	70
76) 1,2,3-Trichloropropane	11.079	75	49940	27.027	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49940	86.002	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	402	0.205	ug/l	90
94) Hexachlorobutadiene	13.725	225	869	1.063	ug/l	98

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

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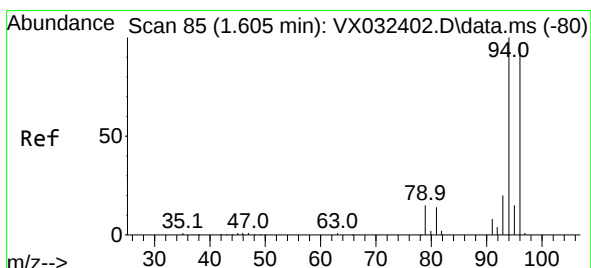
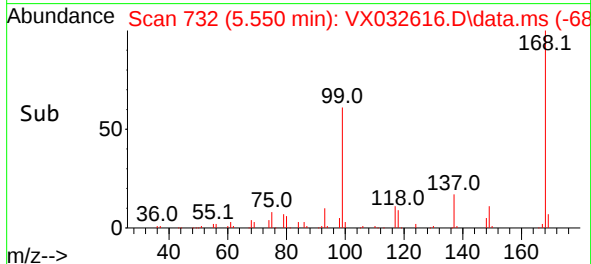
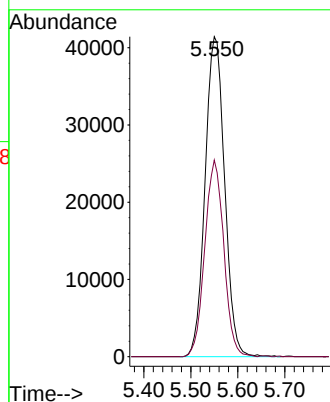
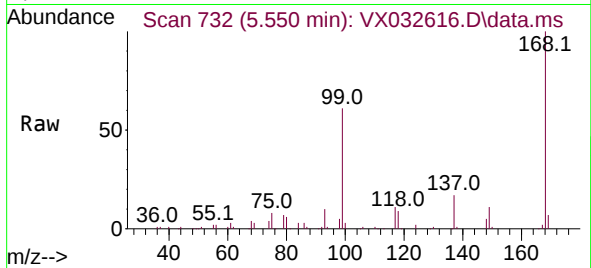




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

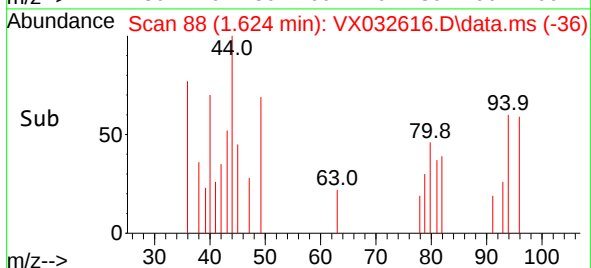
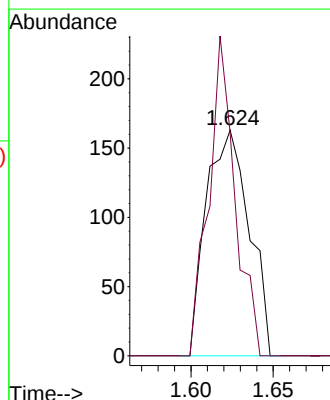
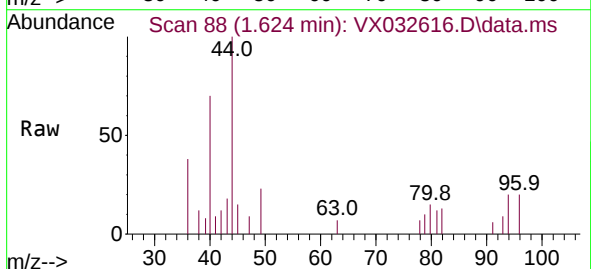
Instrument :
MSVOA_X
ClientSampleId :
VX1107MBL01

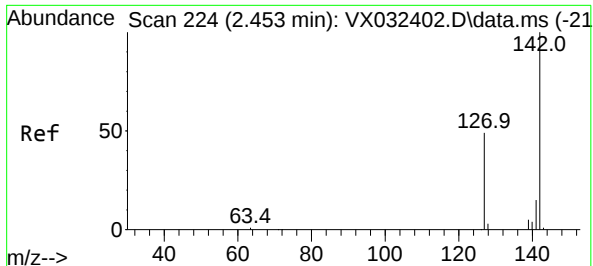
Tgt Ion:168 Resp: 119333
Ion Ratio Lower Upper
168 100
99 61.5 46.1 69.1



#5
Bromomethane
Concen: 0.289 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

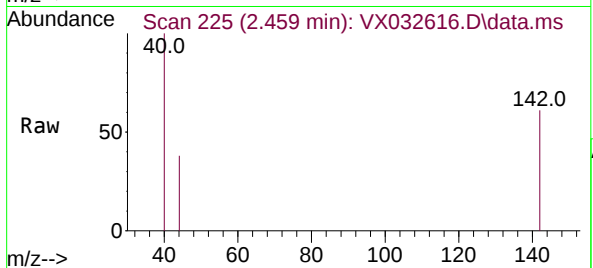
Tgt Ion: 94 Resp: 296
Ion Ratio Lower Upper
94 100
96 98.8 77.6 116.4



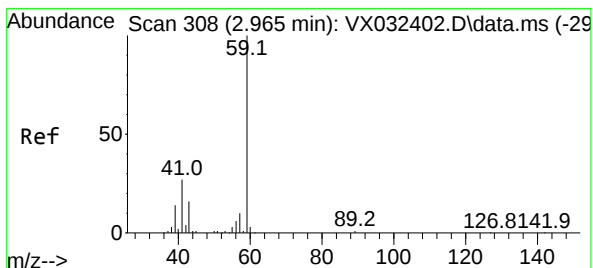
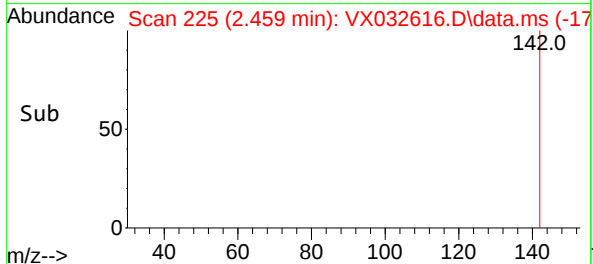
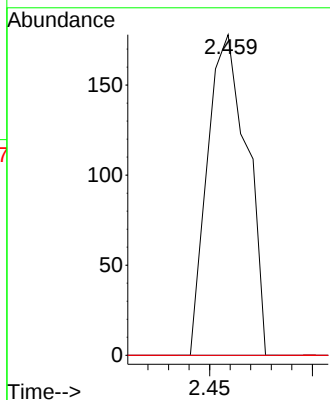


#10
Methyl Iodide
Concen: 2.077 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1107MBL01

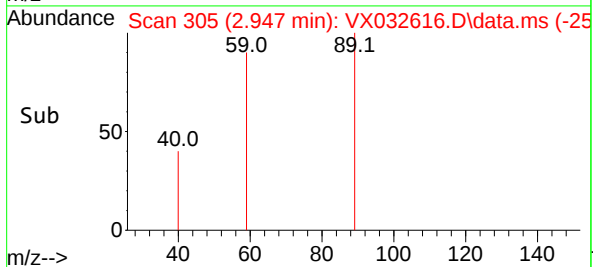
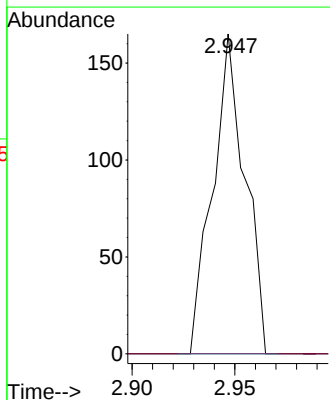
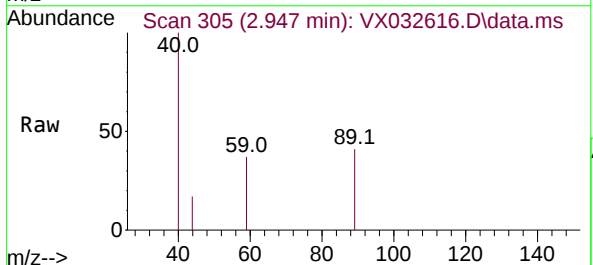


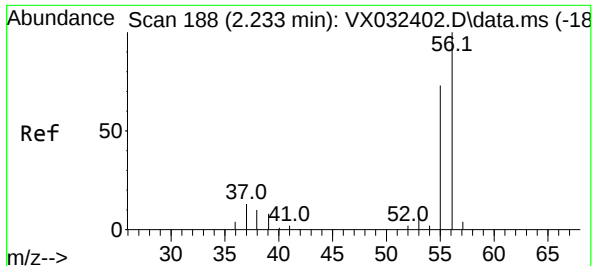
Tgt Ion:142 Resp: 238
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.746 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

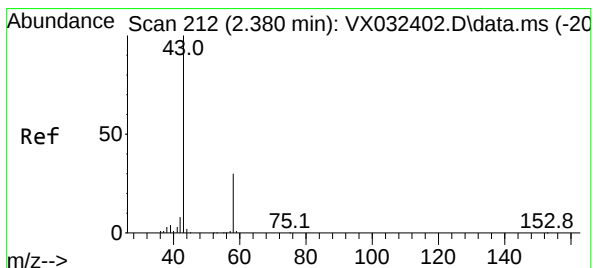
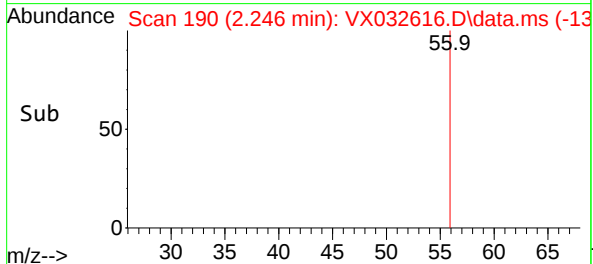
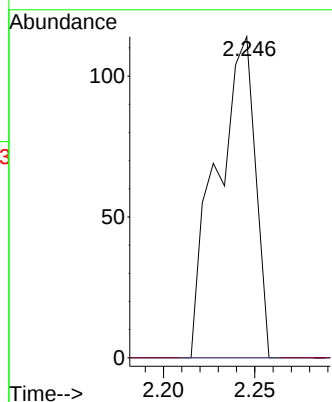
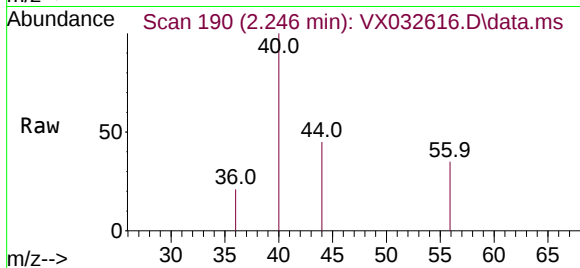




#13
Acrolein
Concen: 0.697 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

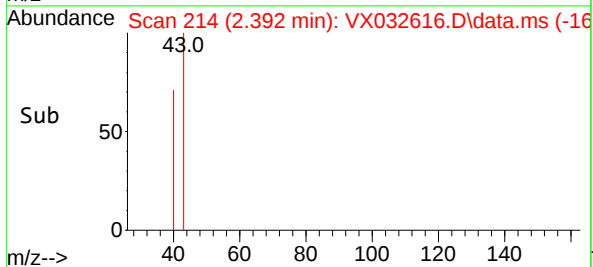
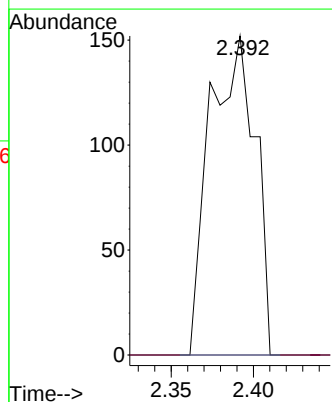
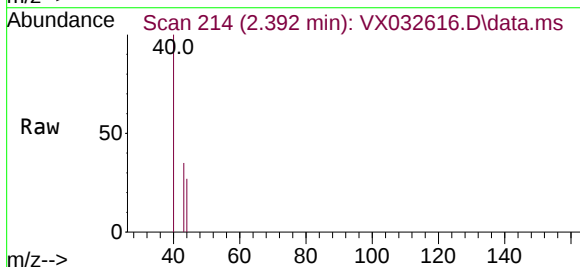
Instrument :
MSVOA_X
ClientSampleId :
VX1107MBL01

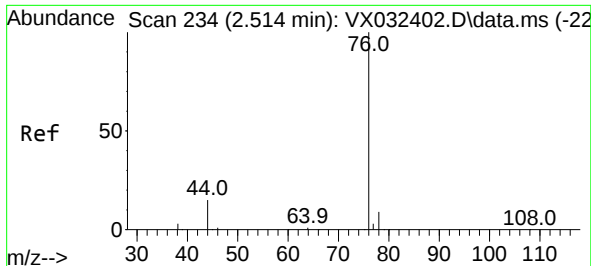
Tgt Ion: 56 Resp: 168
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



#16
Acetone
Concen: 0.483 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion: 43 Resp: 291
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.464 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX032616.D

Acq: 07 Nov 2022 10:55

Instrument :

MSVOA_X

ClientSampleId :

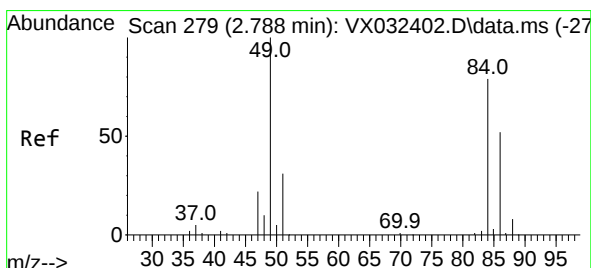
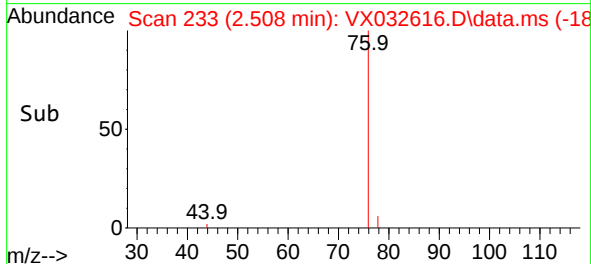
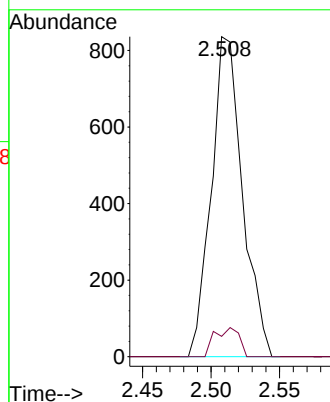
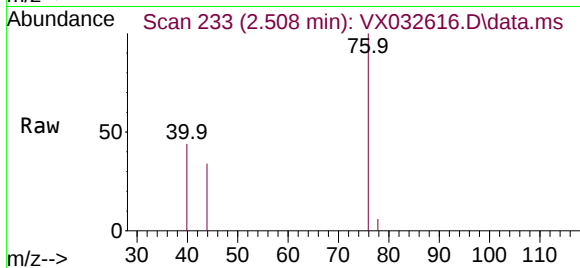
VX1107MBL01

Tgt Ion: 76 Resp: 1323

Ion Ratio Lower Upper

76 100

78 6.3 7.5 11.3#



#20

Methylene Chloride

Concen: 0.525 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032616.D

Acq: 07 Nov 2022 10:55

Tgt Ion: 84 Resp: 726

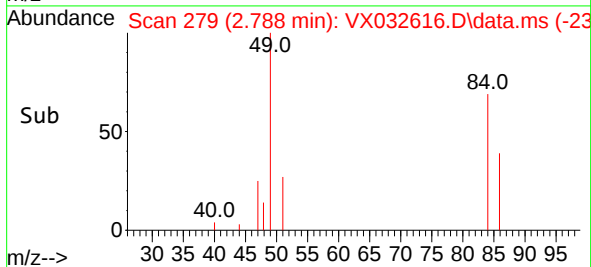
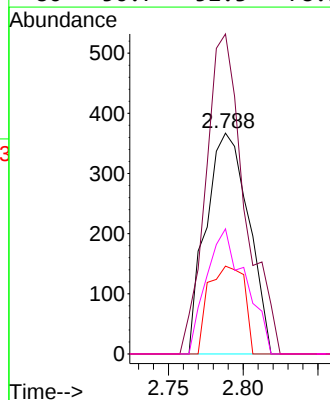
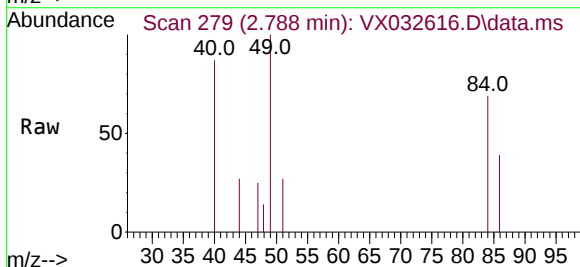
Ion Ratio Lower Upper

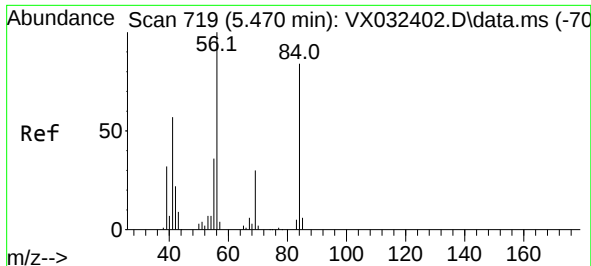
84 100

49 145.0 101.0 151.6

51 39.8 31.1 46.7

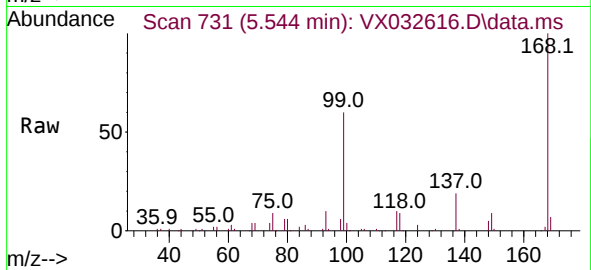
86 56.7 52.3 78.5



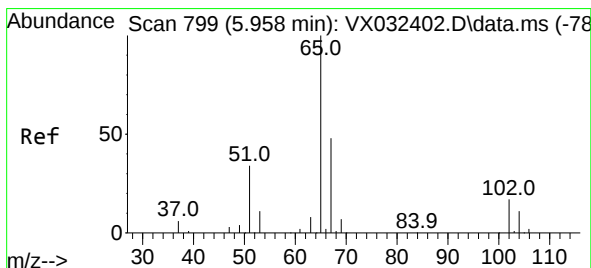
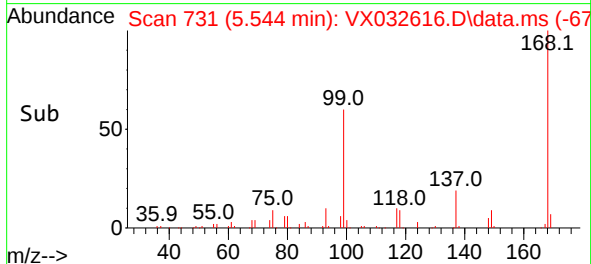
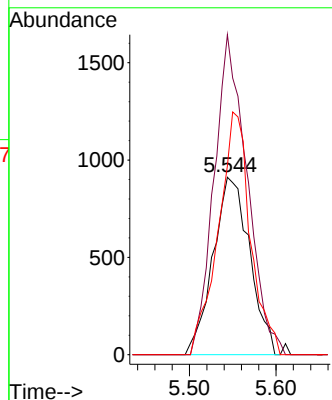


#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1107MBL01

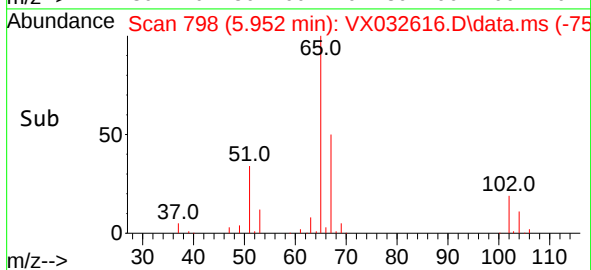
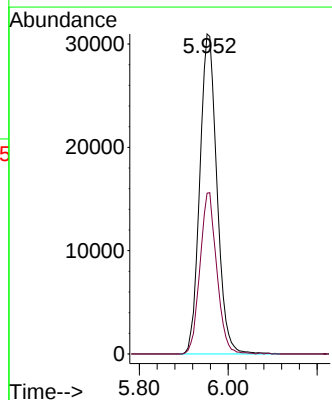
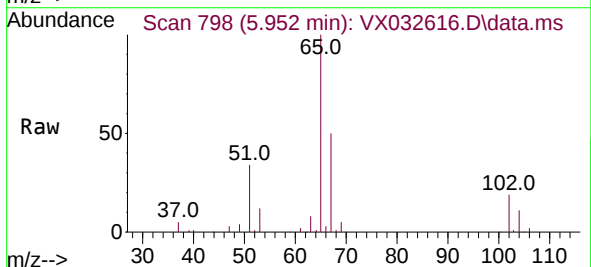


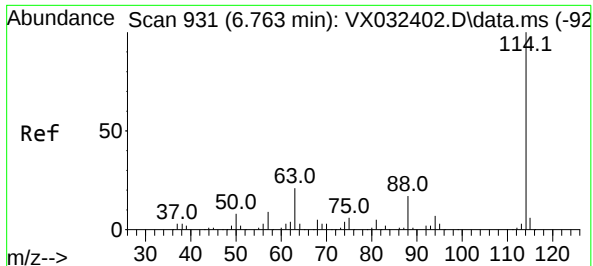
Tgt Ion: 56 Resp: 2676
Ion Ratio Lower Upper
56 100
69 180.3 24.1 36.1#
84 106.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.221 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion: 65 Resp: 83271
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.8

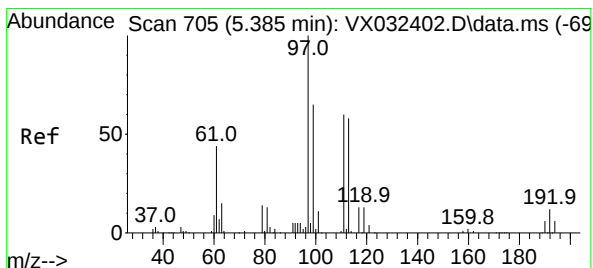
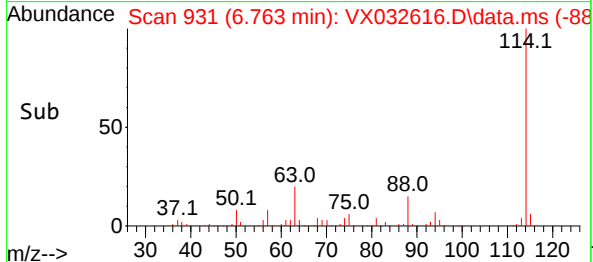
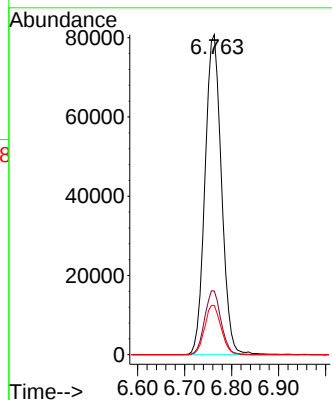
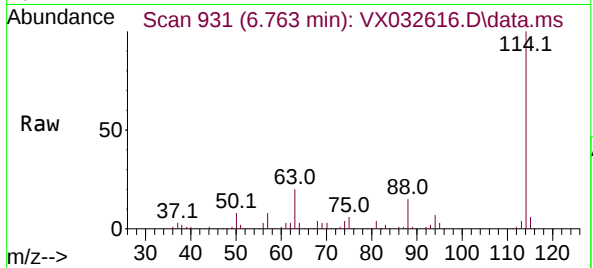




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

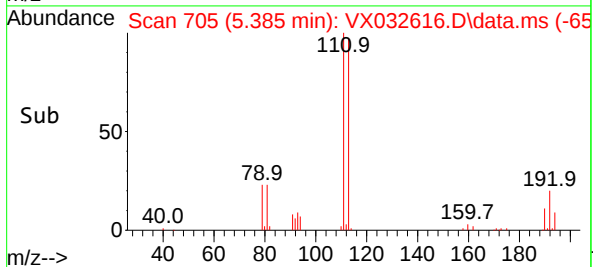
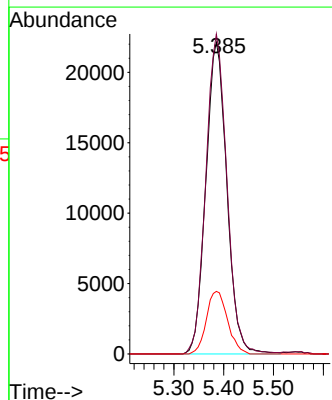
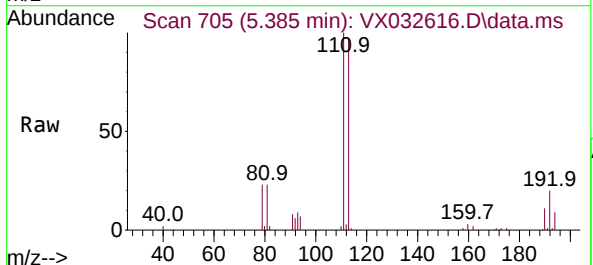
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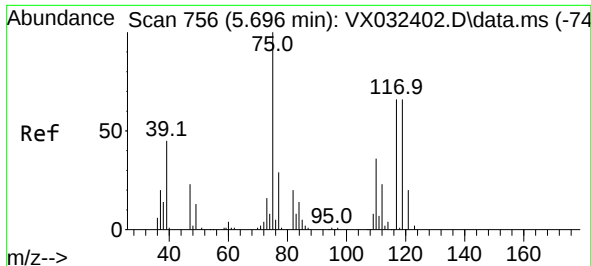
Tgt Ion:114 Resp: 195831
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.384 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion:113 Resp: 64793
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 20.2 15.4 23.2

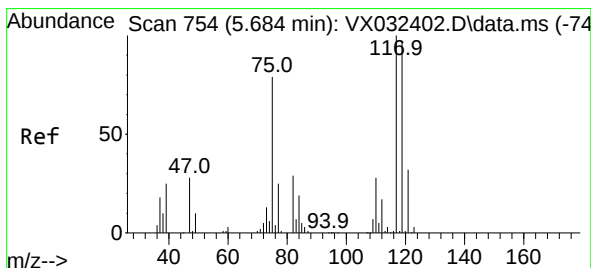
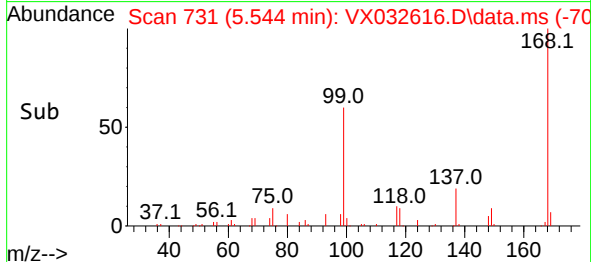
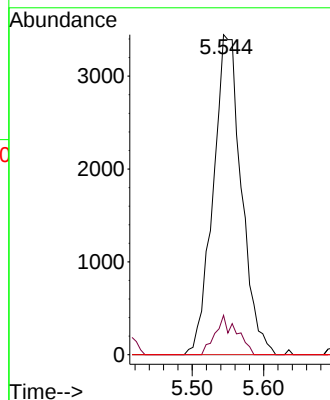
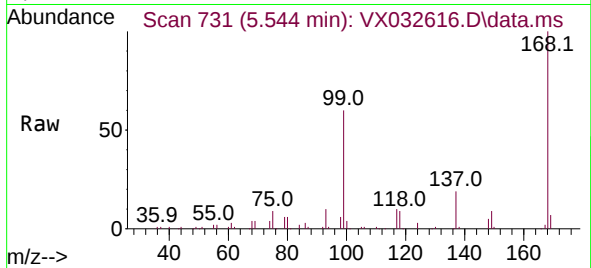




#36
1,1-Dichloropropene
Concen: 4.865 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.152 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

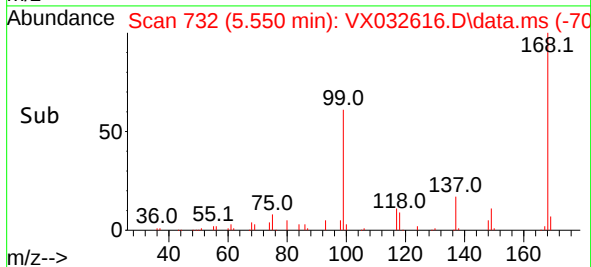
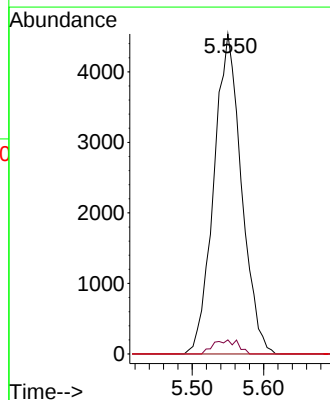
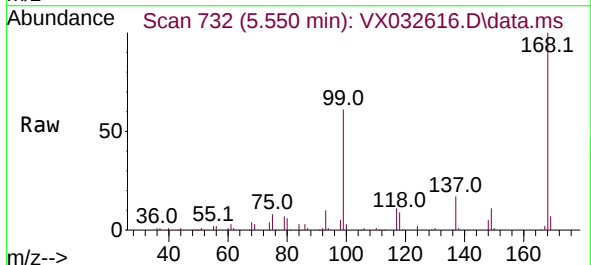
Instrument :
MSVOA_X
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VX1107MBL01

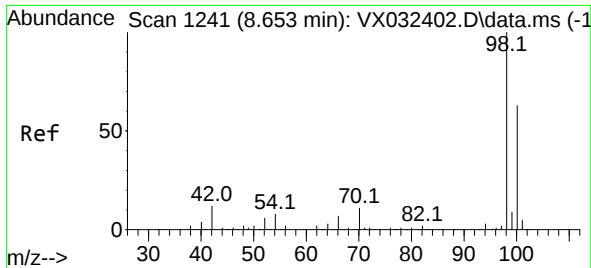
Tgt Ion: 75 Resp: 9463
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.662 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion: 117 Resp: 12216
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 25.8 38.6#

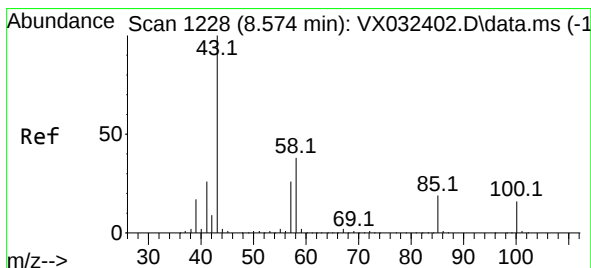
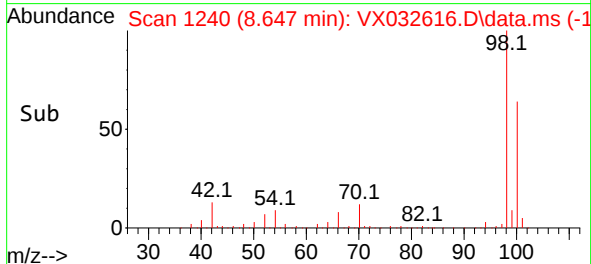
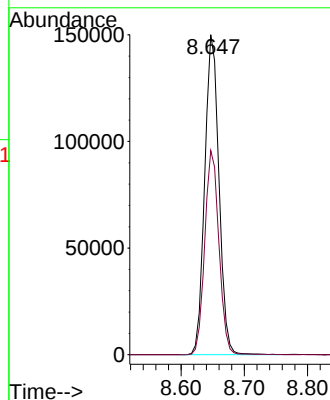
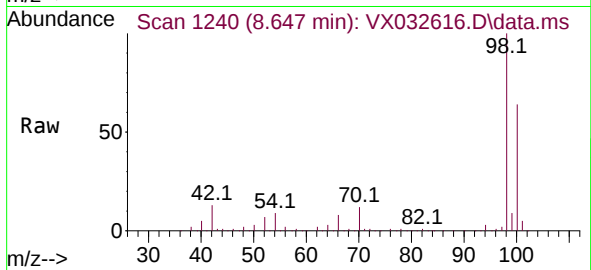




#50
Toluene-d8
Concen: 48.413 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

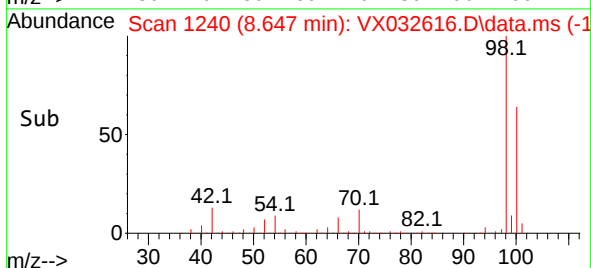
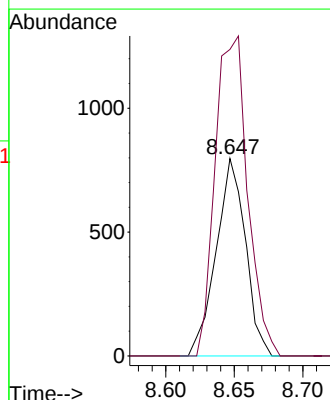
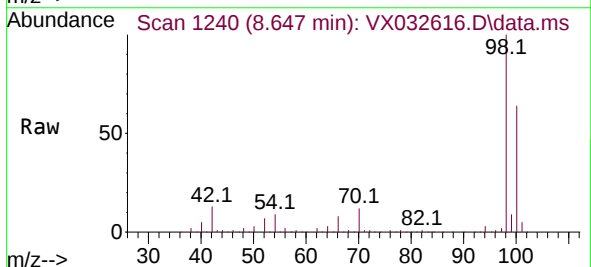
Instrument :
MSVOA_X
ClientSampleId :
VX1107MBL01

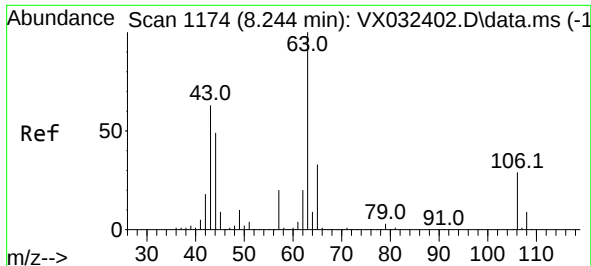
Tgt Ion: 98 Resp: 235155
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
58 179.7 30.9 46.3#

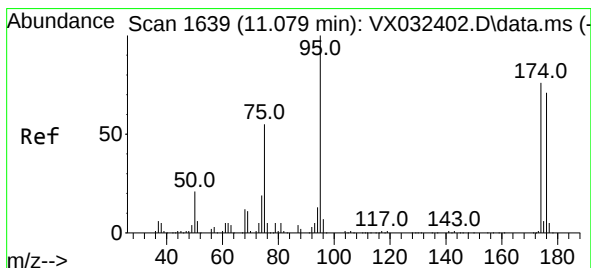
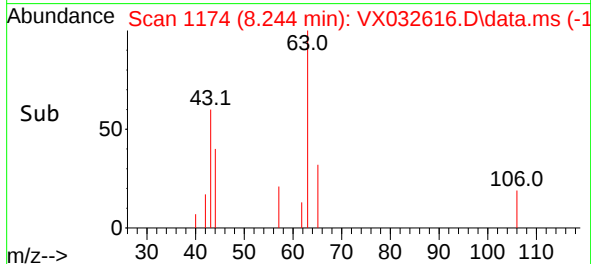
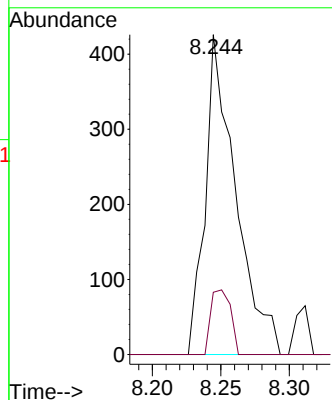
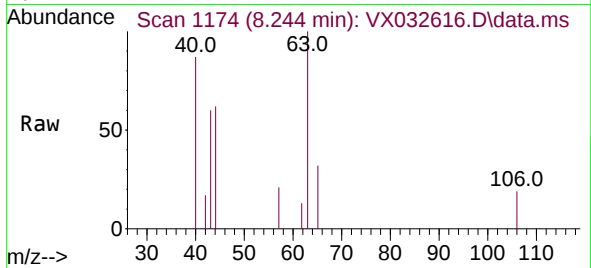




#58
2-Chloroethyl Vinyl ether
Concen: 0.627 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

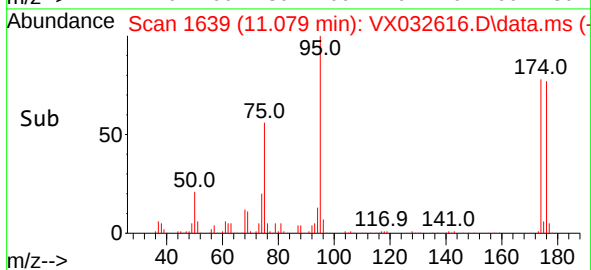
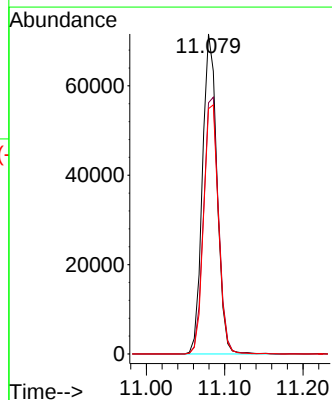
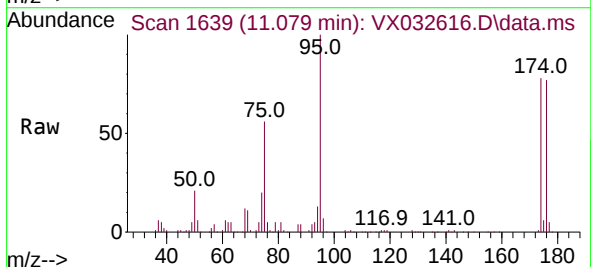
Instrument :
MSVOA_X
ClientSampleId :
VX1107MBL01

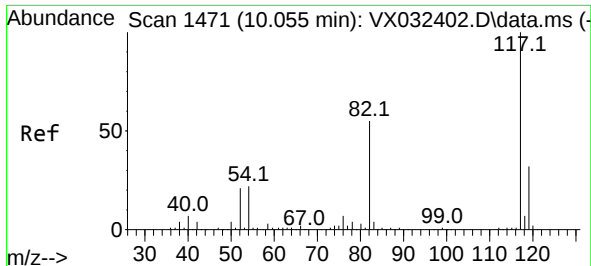
Tgt Ion: 63 Resp: 657
Ion Ratio Lower Upper
63 100
106 13.1 23.3 34.9#



#62
4-Bromofluorobenzene
Concen: 48.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion: 95 Resp: 92562
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 79.4 0.0 154.4

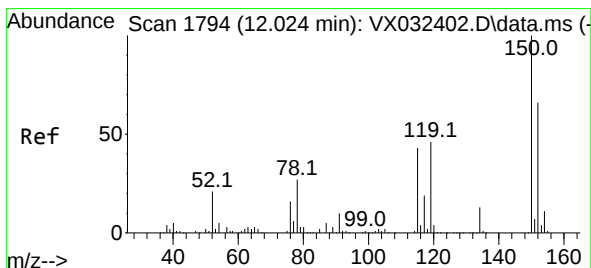
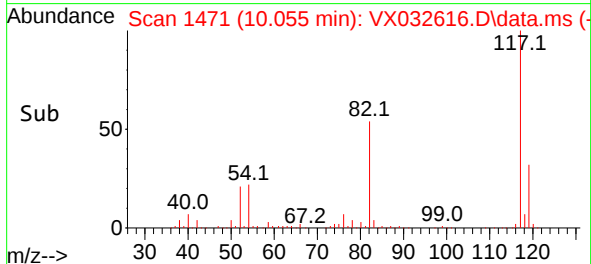
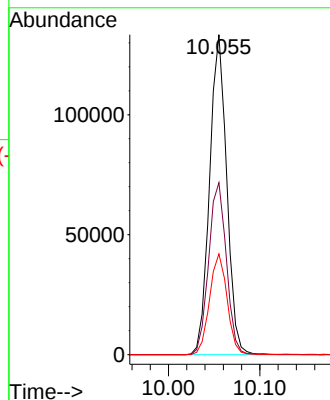
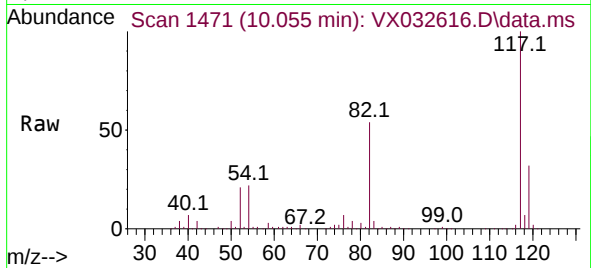




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

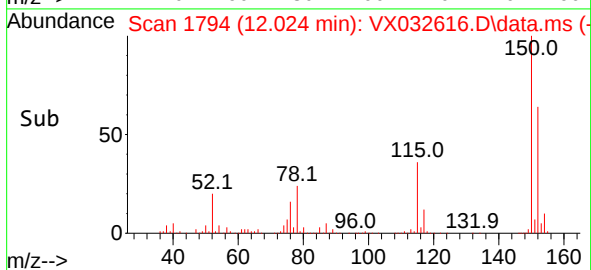
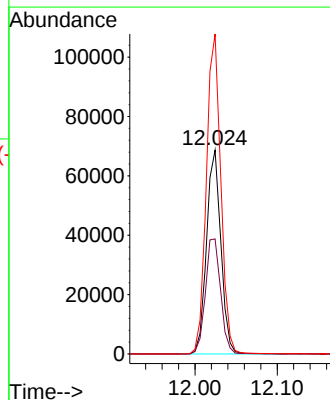
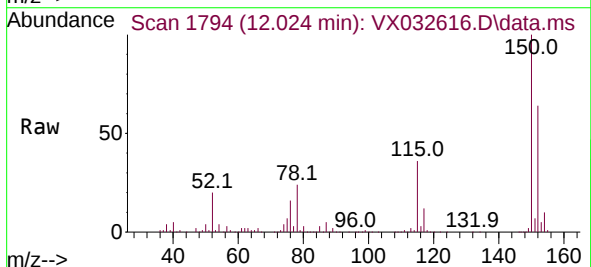
Instrument :
MSVOA_X
ClientSampleId :
VX1107MBL01

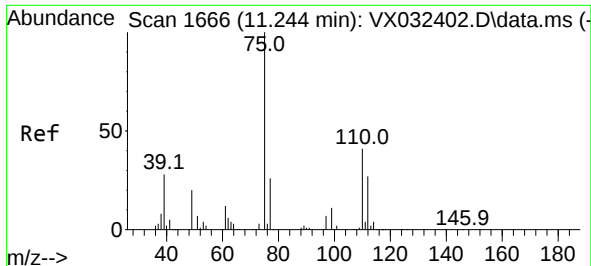
Tgt Ion:117 Resp: 173346
Ion Ratio Lower Upper
117 100
82 53.7 44.3 66.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion:152 Resp: 83054
Ion Ratio Lower Upper
152 100
115 60.0 44.0 132.0
150 158.3 0.0 351.8

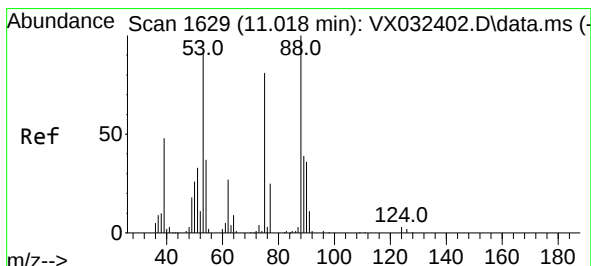
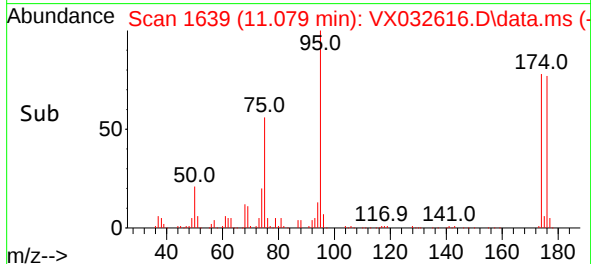
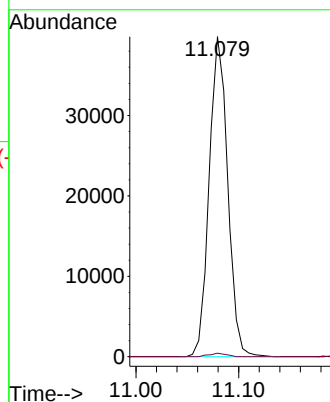
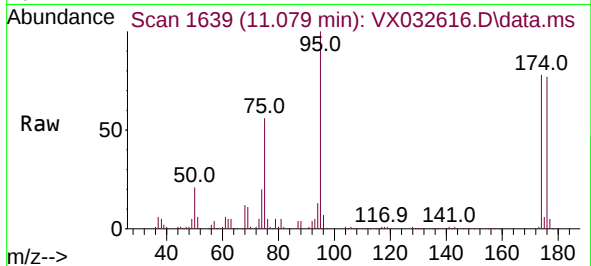




#76
1,2,3-Trichloropropane
Concen: 27.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

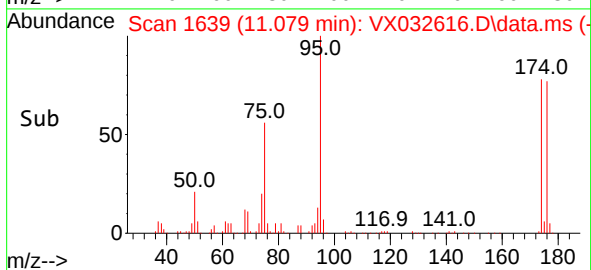
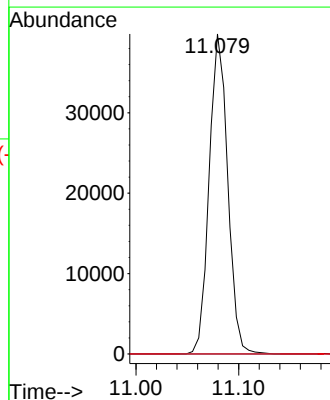
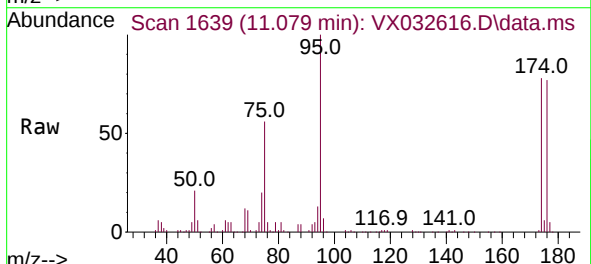
Instrument :
MSVOA_X
ClientSampleId :
VX1107MBL01

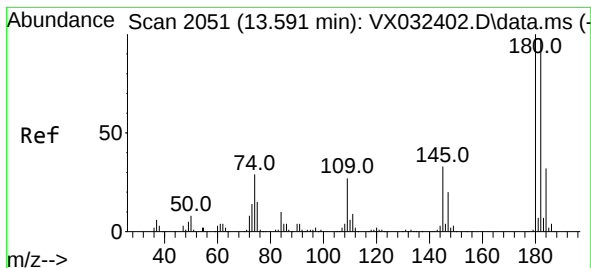
Tgt Ion: 75 Resp: 49940
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032616.D
Acq: 07 Nov 2022 10:55

Tgt Ion: 75 Resp: 49940
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032616.D

Acq: 07 Nov 2022 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1107MBL01

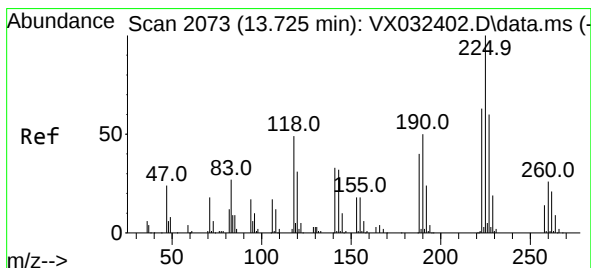
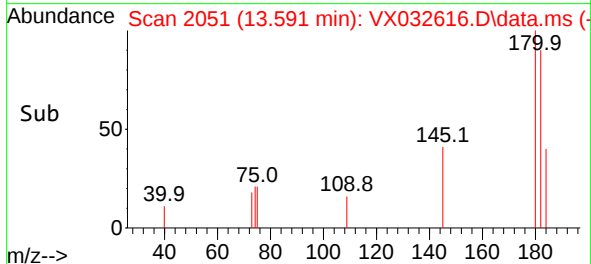
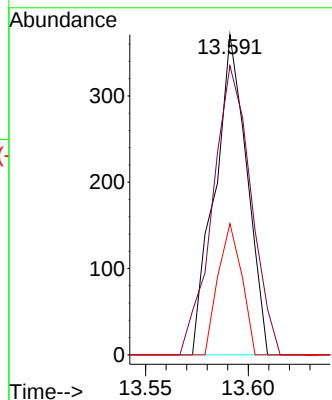
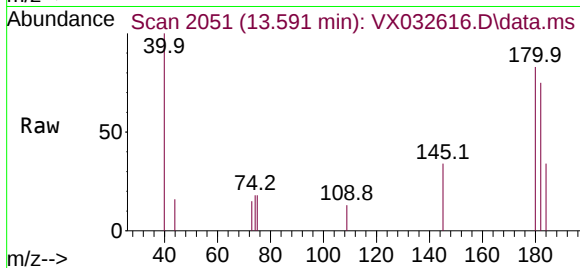
Tgt Ion:180 Resp: 402

Ion Ratio Lower Upper

180 100

182 108.0 48.4 145.0

145 30.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 1.063 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX032616.D

Acq: 07 Nov 2022 10:55

Tgt Ion:225 Resp: 869

Ion Ratio Lower Upper

225 100

223 60.5 31.9 95.9

227 64.0 31.9 95.5

