

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
 Data File : VX024508.D
 Acq On : 01 Oct 2021 18:08
 Operator : JC/MD
 Sample : M3933-02
 Misc : 1.24g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 04:09:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

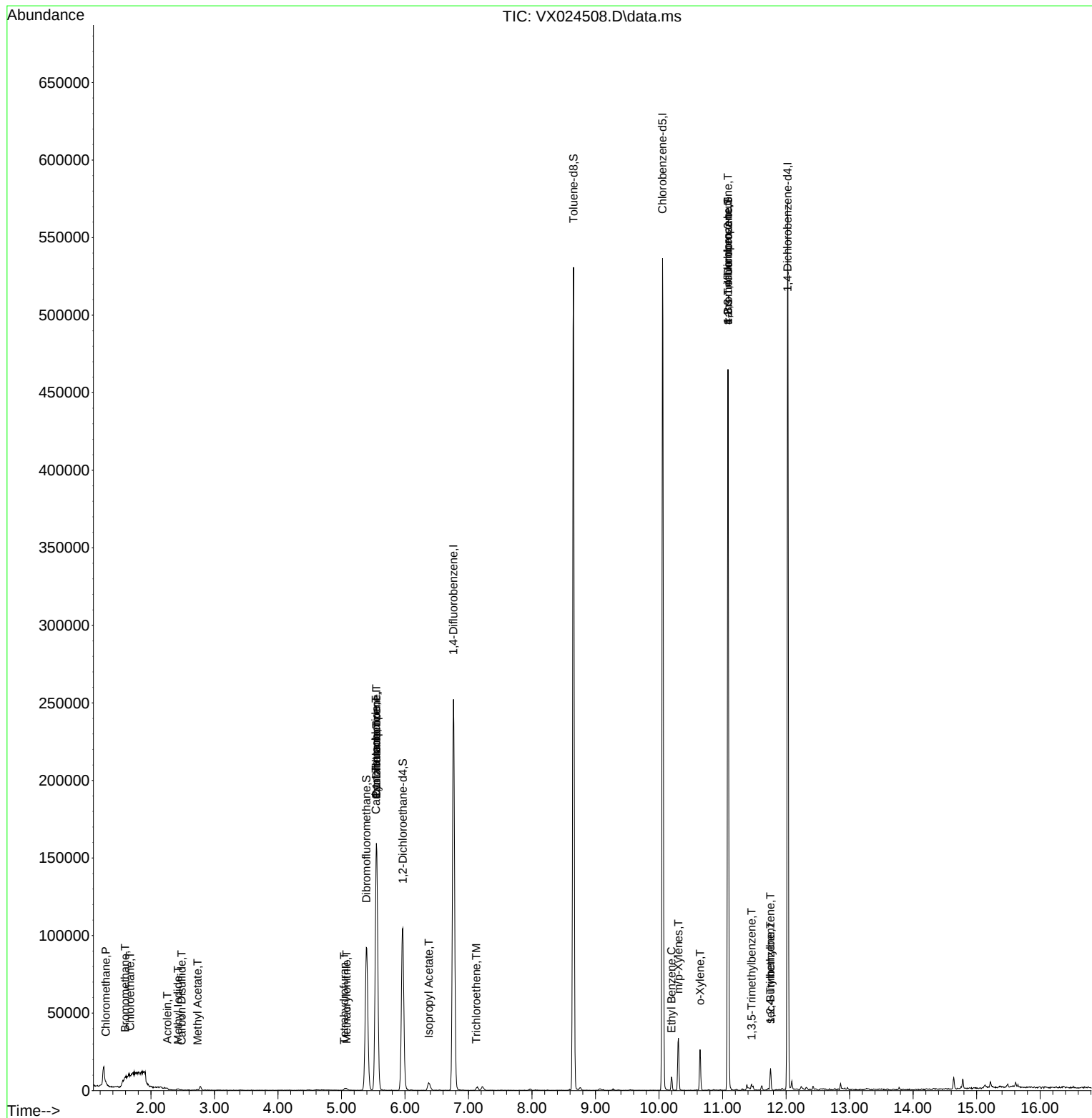
Internal Standards						
1) Pentafluorobenzene	5.550	168	150268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107674	50.841	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.680%			
35) Dibromofluoromethane	5.391	113	79881	47.111	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.220%			
50) Toluene-d8	8.653	98	307166	49.219	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.440%			
62) 4-Bromofluorobenzene	11.085	95	120004	48.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.820%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	323	0.227	ug/l #	42
5) Bromomethane	1.593	94	482	0.480	ug/l #	70
6) Chloroethane	1.672	64	119	0.378	ug/l #	43
10) Methyl Iodide	2.428	142	530	0.255	ug/l #	80
13) Acrolein	2.258	56	18	10.209	ug/l #	1
16) Acetone	2.441	43	607	Below Cal		92
17) Carbon Disulfide	2.483	76	136	0.266	ug/l #	75
18) Methyl Acetate	2.733	43	698	0.220	ug/l #	47
20) Methylene Chloride	2.776	84	1077	Below Cal	#	90
29) Tetrahydrofuran	5.044	42	352	0.379	ug/l #	75
31) Cyclohexane	5.550	56	3157	1.245	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	12142	4.962	ug/l #	49
38) Carbon Tetrachloride	5.544	117	15217	5.713	ug/l #	17
41) Methacrylonitrile	5.080	41	803	0.509	ug/l #	39
43) Isopropyl Acetate	6.373	43	2671	0.575	ug/l #	57
44) Trichloroethene	7.123	130	492	0.256	ug/l	82
67) Ethyl Benzene	10.195	91	4987	0.560	ug/l #	82
68) m/p-Xylenes	10.305	106	8005	2.346	ug/l	97
69) o-Xylene	10.646	106	5628	1.668	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	63844	24.185	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	1724	0.246	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	63844	66.015	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	5938	0.851	ug/l	96
85) sec-Butylbenzene	11.756	105	5938	0.686	ug/l #	57

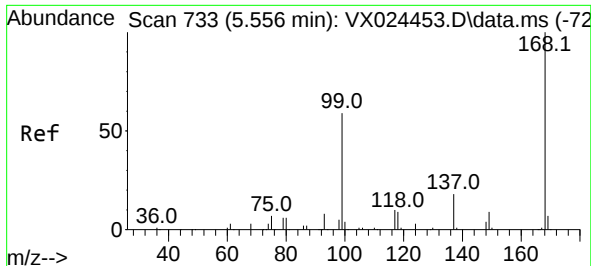
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

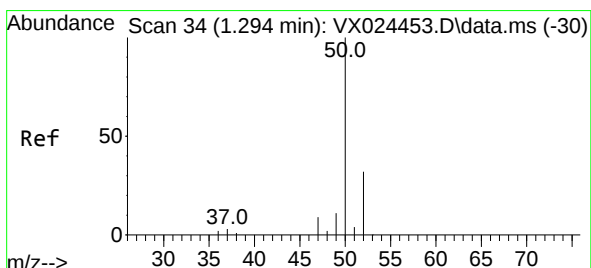
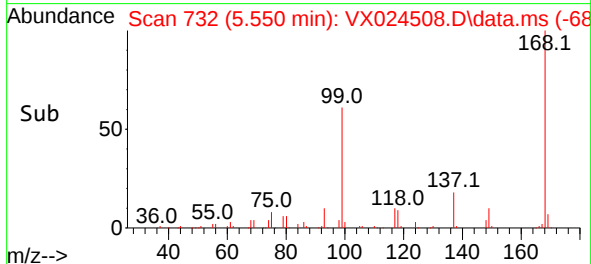
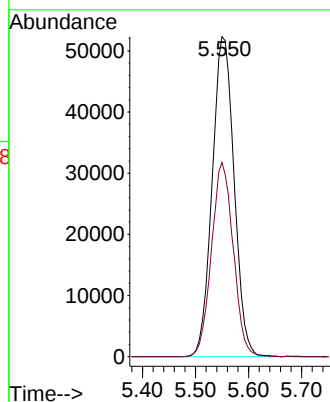
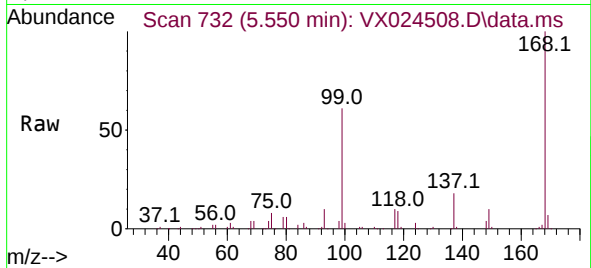




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

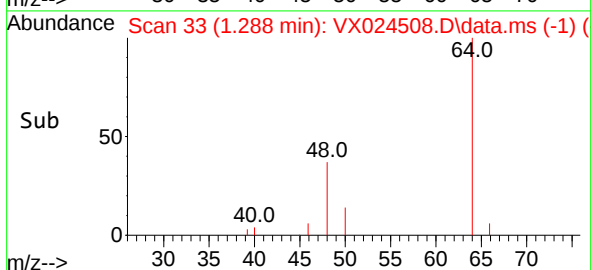
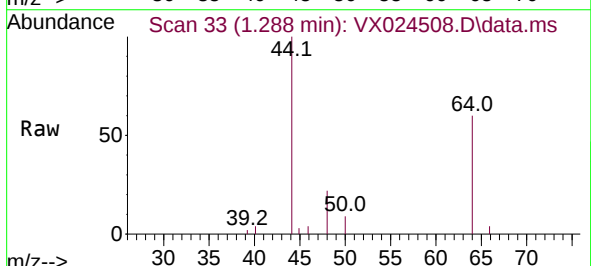
Instrument :
MSVOA_X
ClientSampled :

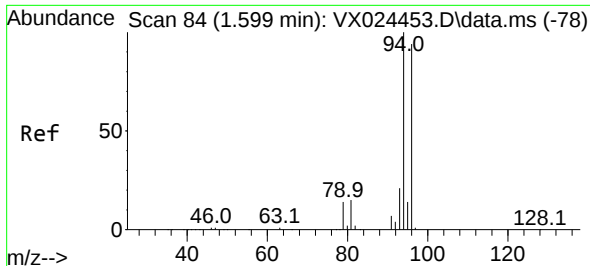
Tgt Ion:168 Resp: 150268
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

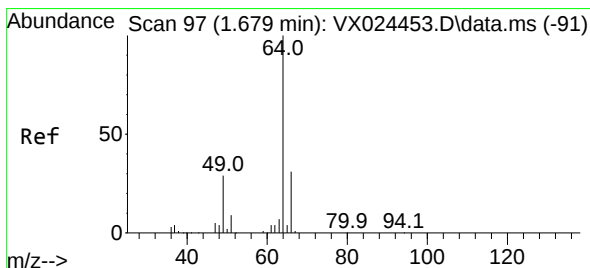
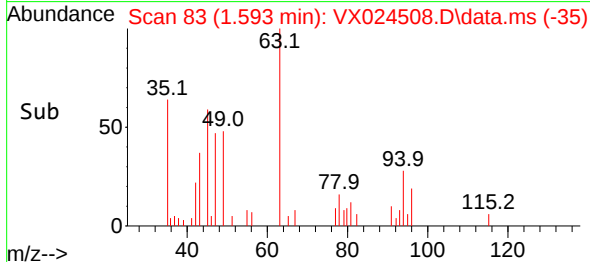
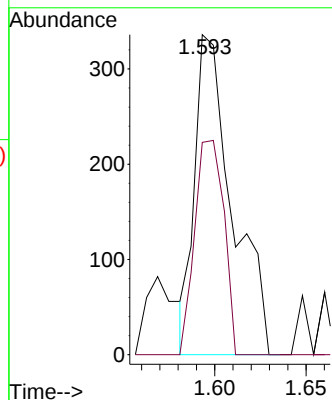
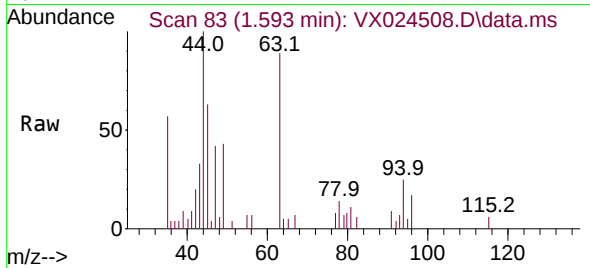




#5
Bromomethane
Concen: 0.480 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

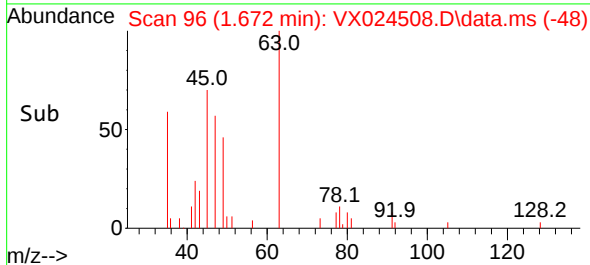
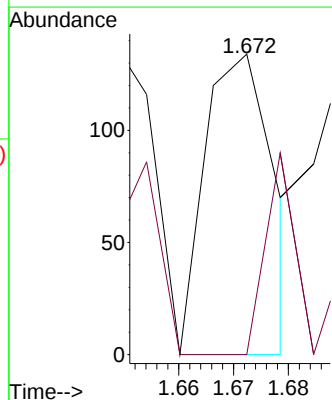
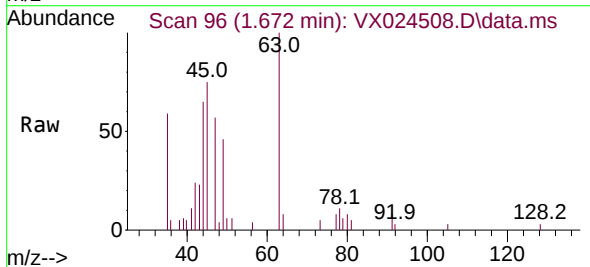
Instrument :
MSVOA_X
ClientSampled :

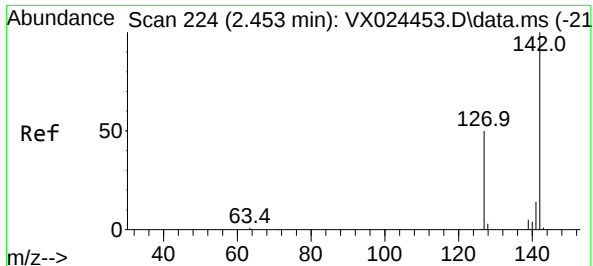
Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 66.4 76.4 114.6#



#6
Chloroethane
Concen: 0.378 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 64 Resp: 119
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

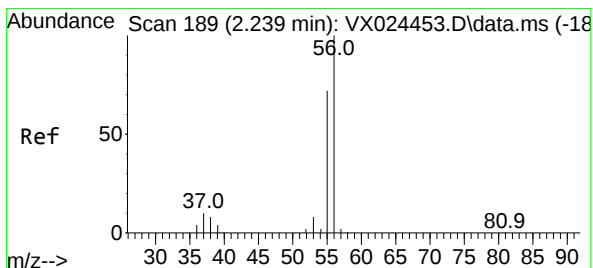
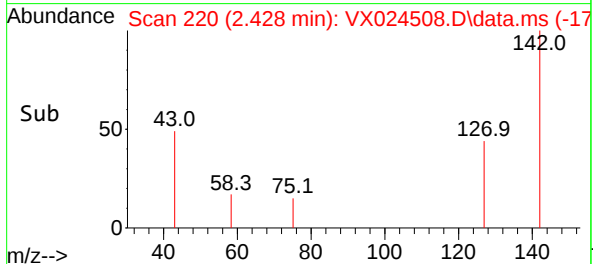
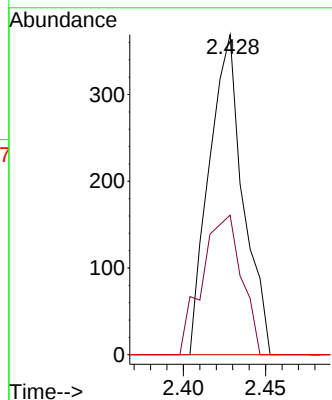
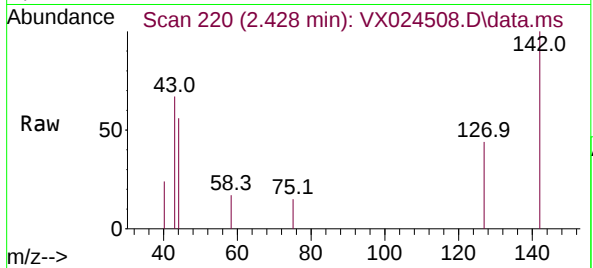




#10
Methyl Iodide
Concen: 0.255 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.025 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

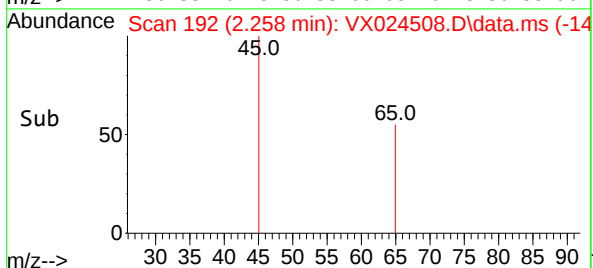
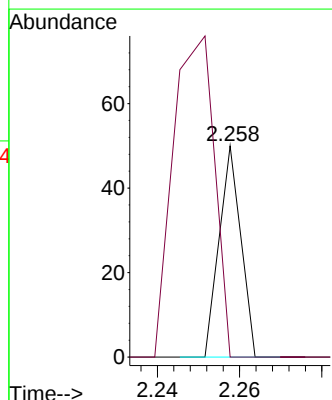
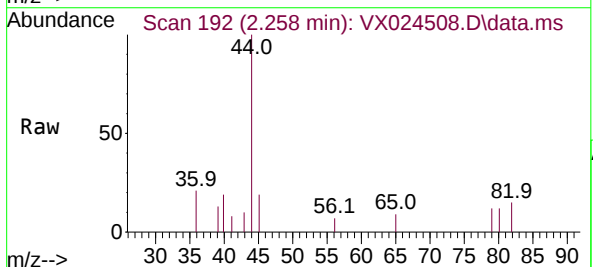
Instrument :
MSVOA_X
ClientSampled :

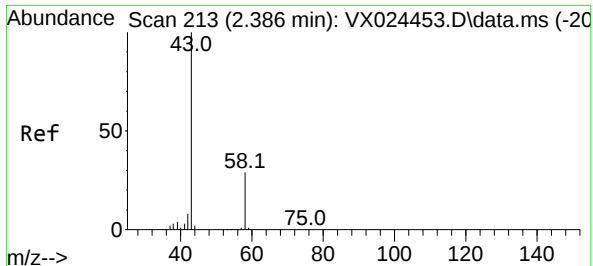
Tgt Ion:142 Resp: 530
Ion Ratio Lower Upper
142 100
127 50.8 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 10.209 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 294.4 56.4 84.6#

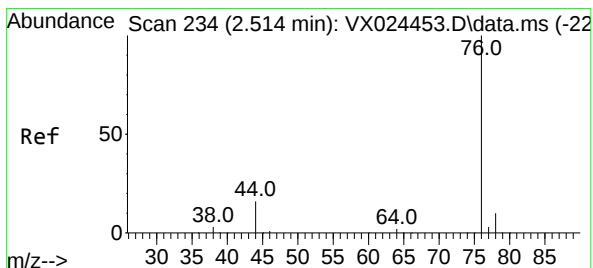
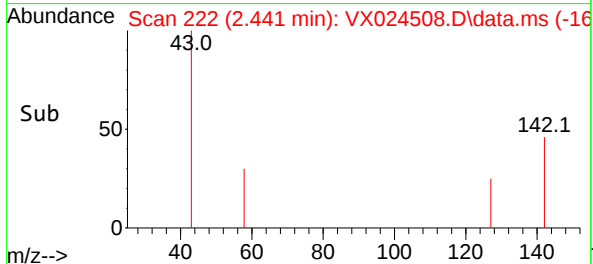
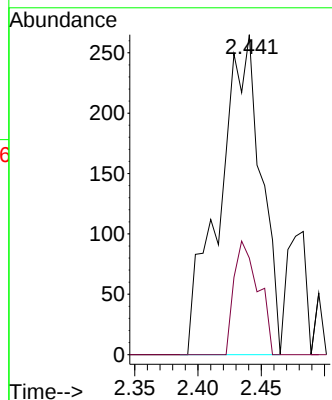
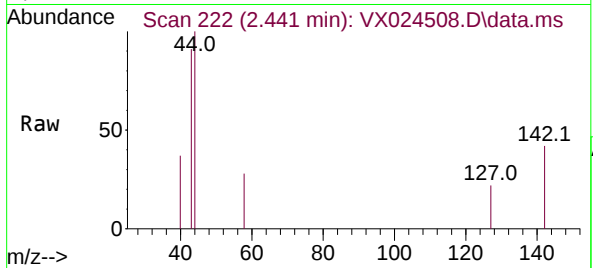




#16
Acetone
Concen: Below Cal
RT: 2.441 min Scan# 222
Delta R.T. 0.055 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

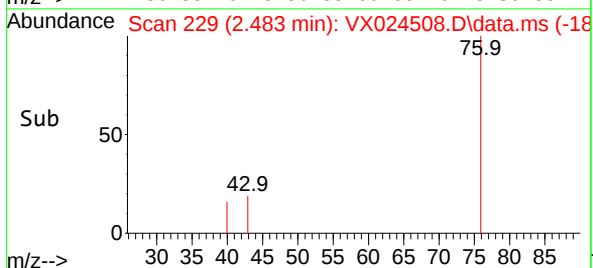
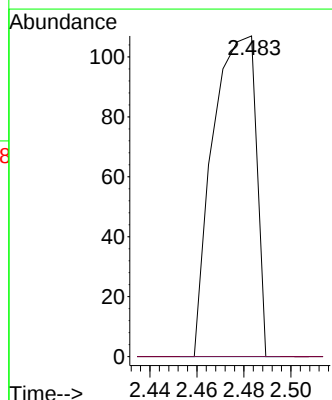
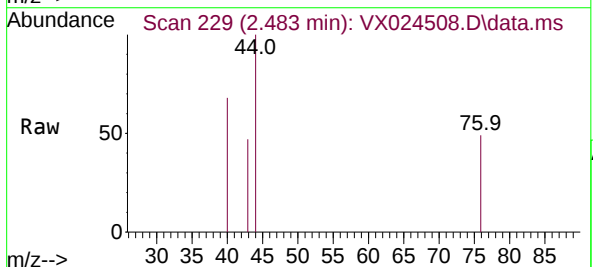
Instrument :
MSVOA_X
ClientSampled :

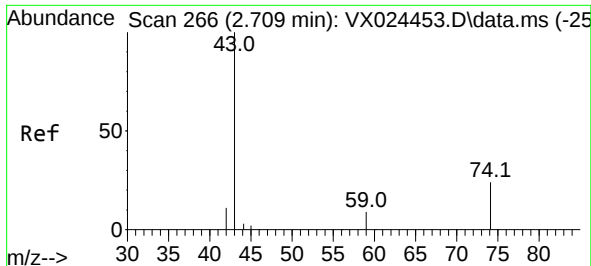
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.266 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.031 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 76 Resp: 136
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

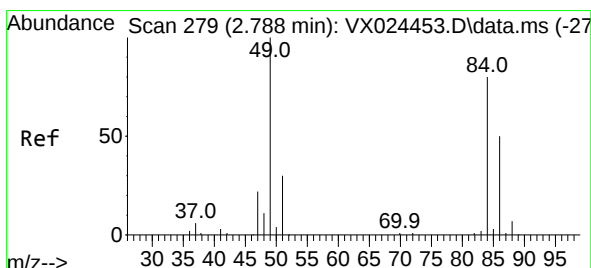
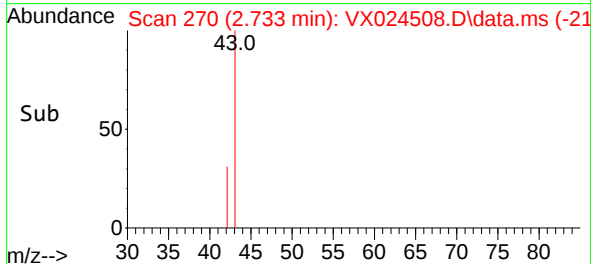
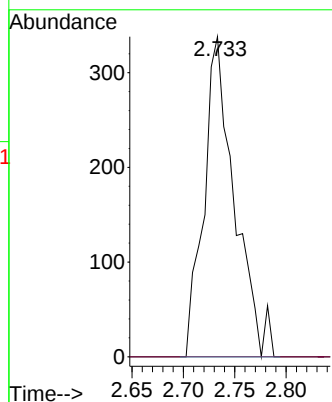
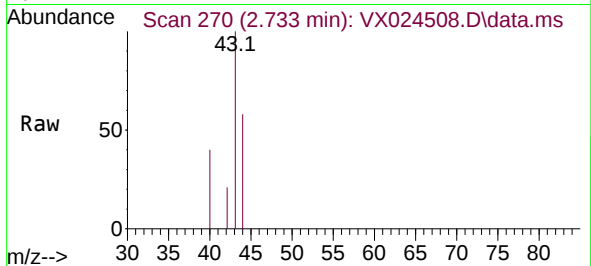




#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.733 min Scan# 270
Delta R.T. 0.024 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

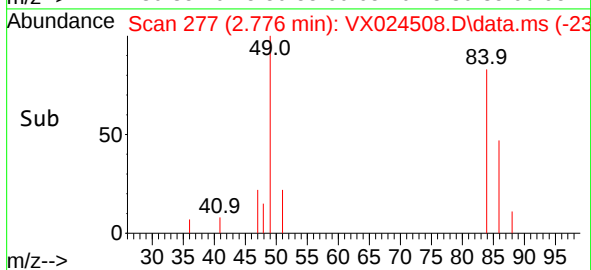
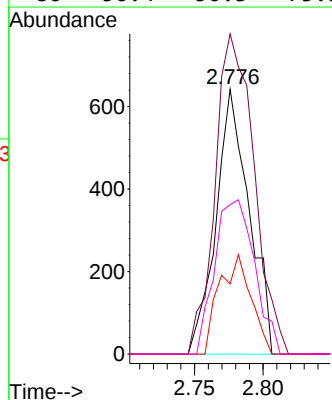
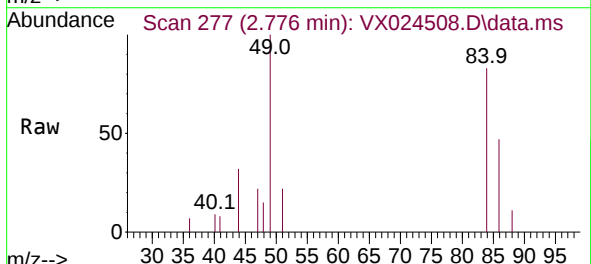
Instrument :
MSVOA_X
ClientSampled :

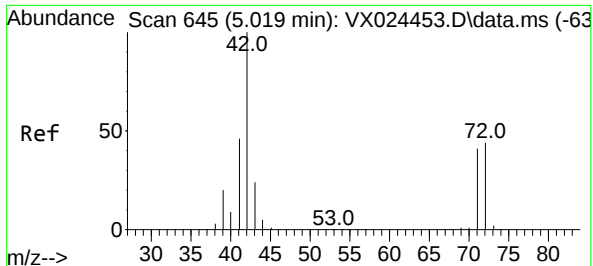
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 84 Resp: 1077
Ion Ratio Lower Upper
84 100
49 120.9 88.6 132.8
51 26.5 27.0 40.6#
86 56.4 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.379 ug/l

RT: 5.044 min Scan# 649

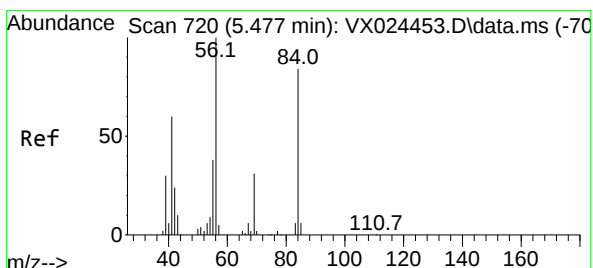
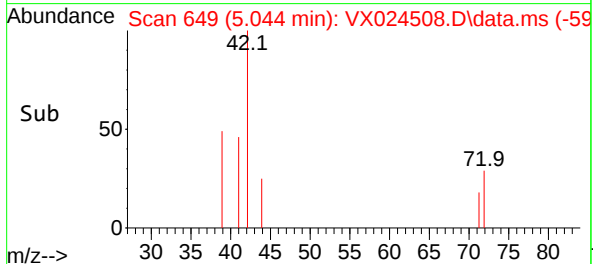
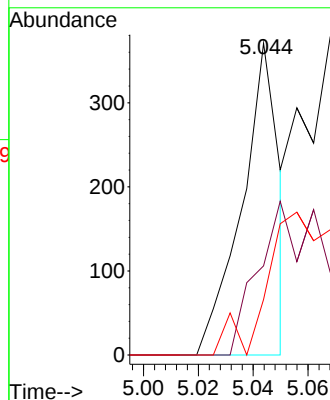
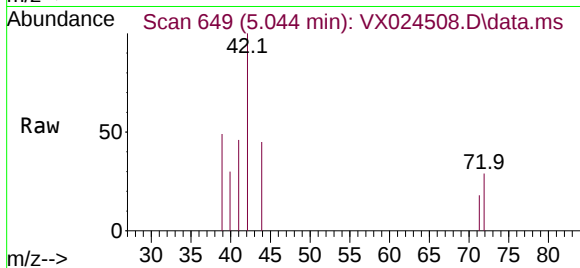
Delta R.T. 0.025 min

Lab File: VX024508.D

Acq: 01 Oct 2021 18:08

Tgt Ion:	42	Resp:	352
Ion	Ratio	Lower	Upper
42	100		
72	50.6	41.7	62.5
71	81.0	38.4	57.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.245 ug/l

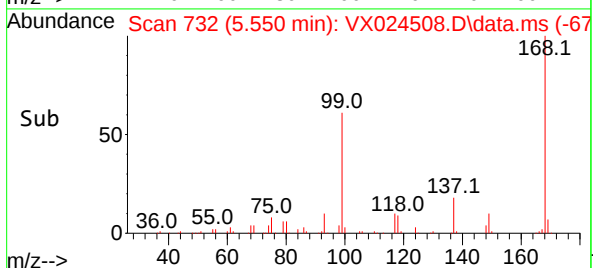
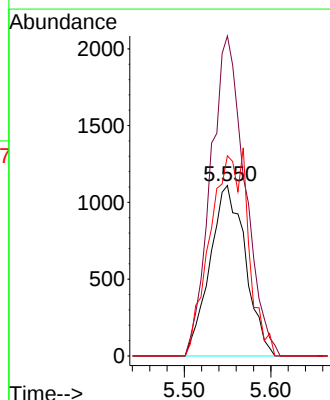
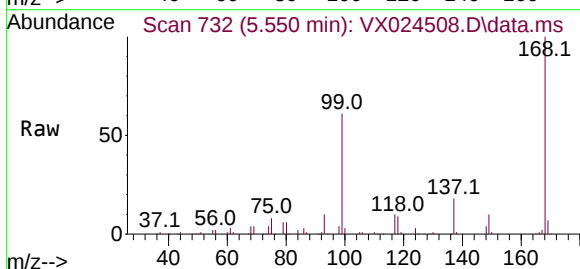
RT: 5.550 min Scan# 732

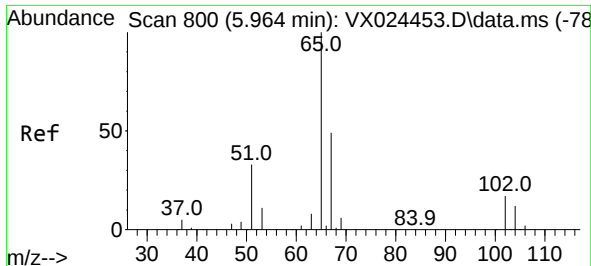
Delta R.T. 0.073 min

Lab File: VX024508.D

Acq: 01 Oct 2021 18:08

Tgt Ion:	56	Resp:	3157
Ion	Ratio	Lower	Upper
56	100		
69	187.7	25.3	37.9
84	117.4	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 50.841 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024508.D

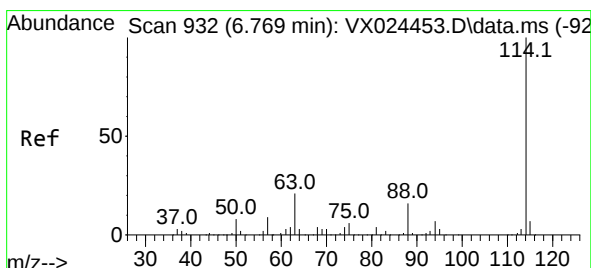
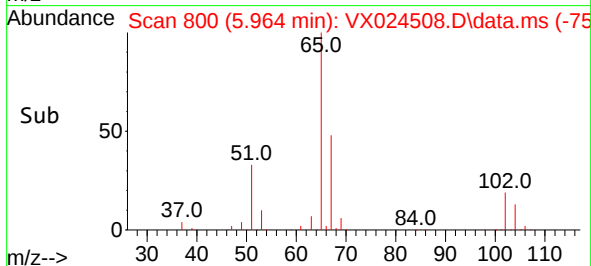
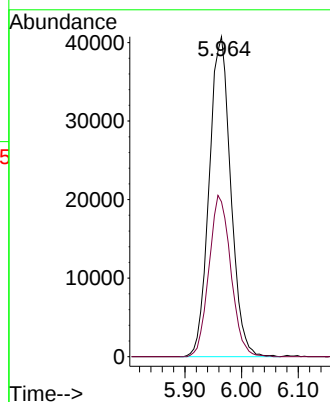
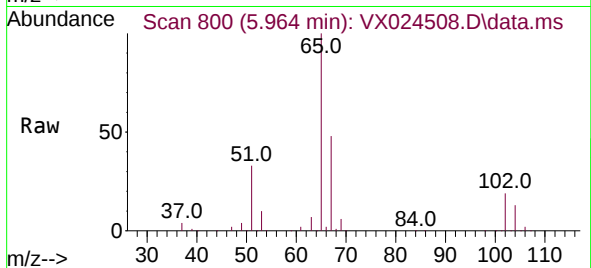
Acq: 01 Oct 2021 18:08

Tgt Ion: 65 Resp: 107674

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX024508.D

Acq: 01 Oct 2021 18:08

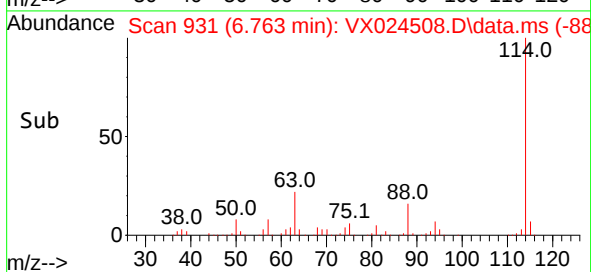
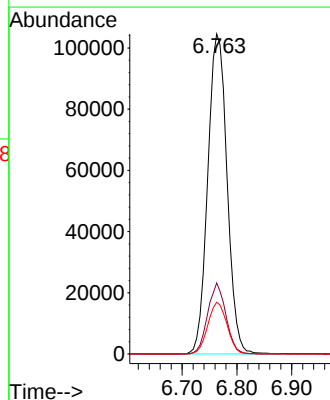
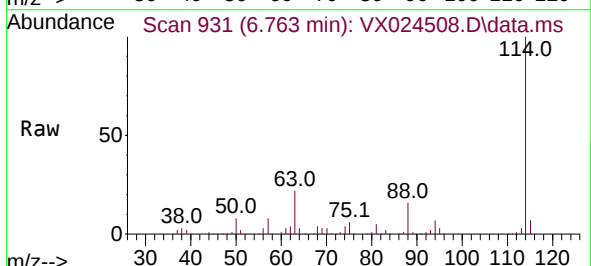
Tgt Ion: 114 Resp: 255238

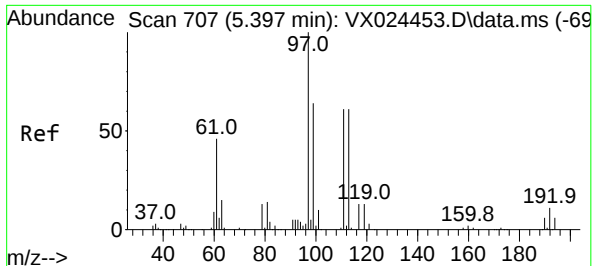
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.8

88 16.2 0.0 32.8

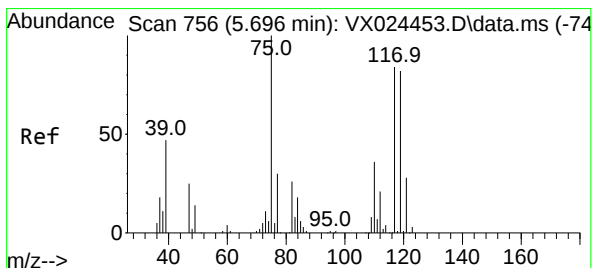
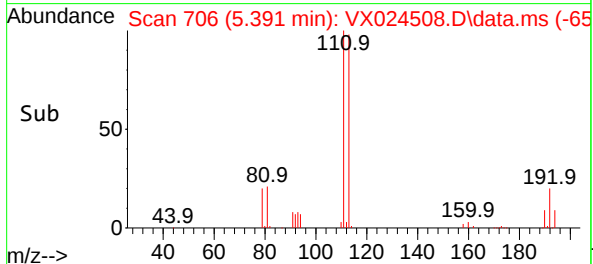
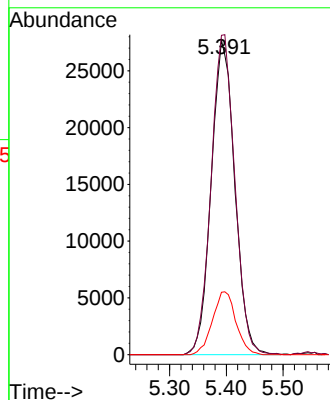
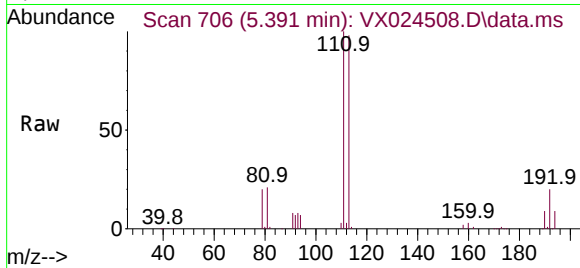




#35
Dibromofluoromethane
Concen: 47.111 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

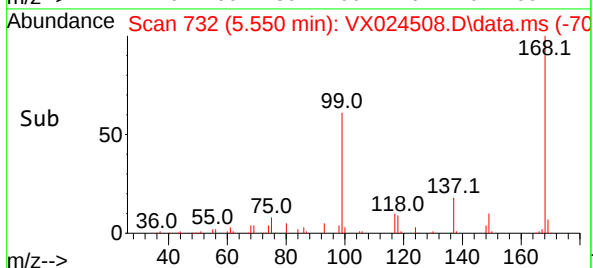
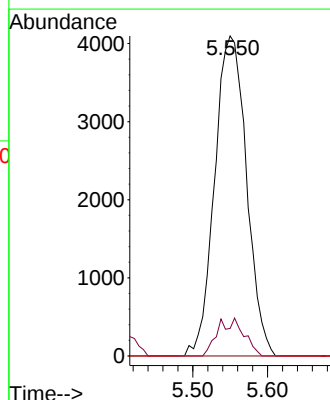
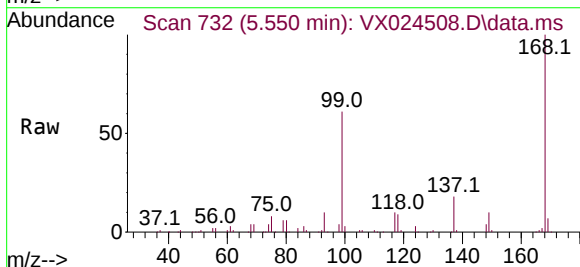
Instrument :
MSVOA_X
ClientSampled :

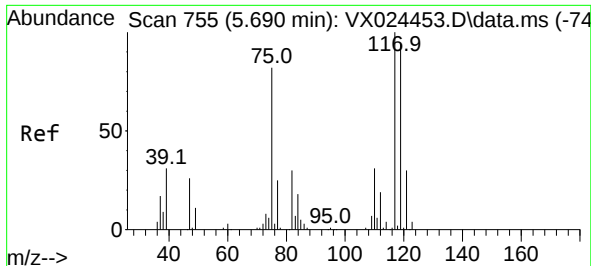
Tgt Ion:113 Resp: 79881
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

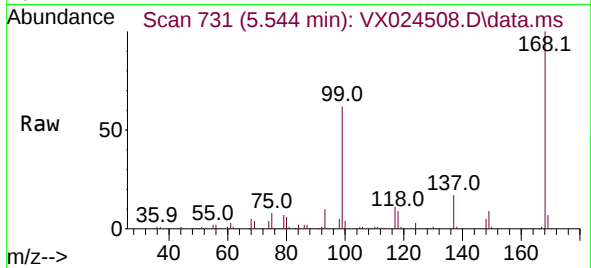
Tgt Ion: 75 Resp: 12142
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



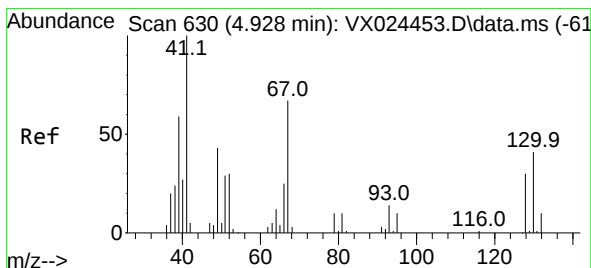
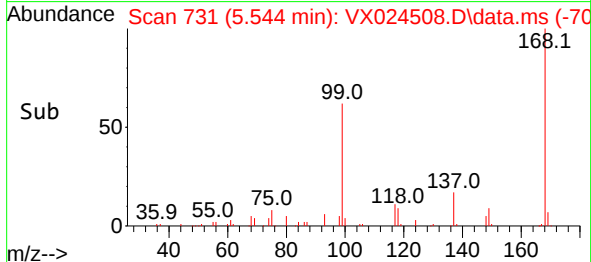
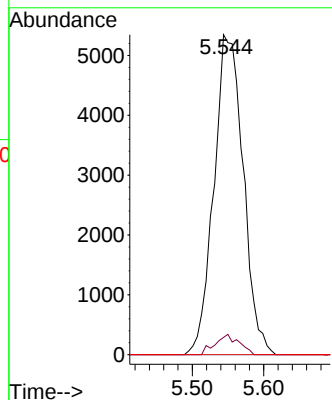


#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Instrument :
MSVOA_X
ClientSampled :

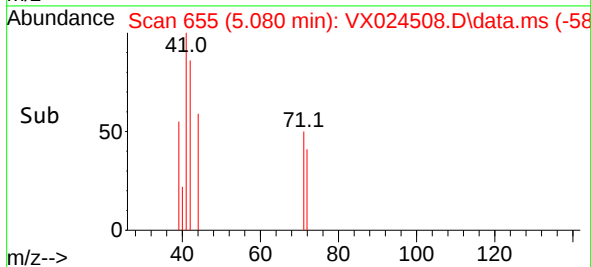
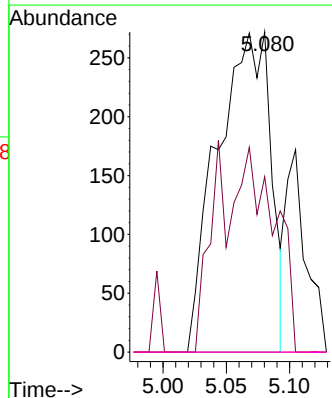
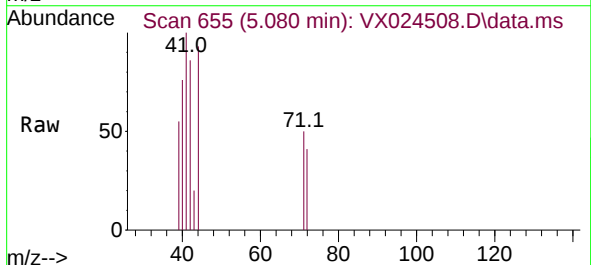


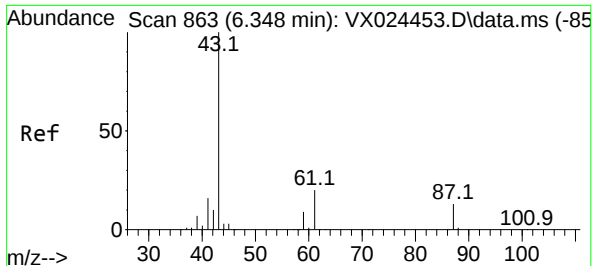
Tgt Ion:117 Resp: 15217
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.509 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.152 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 41 Resp: 803
Ion Ratio Lower Upper
41 100
39 41.2 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

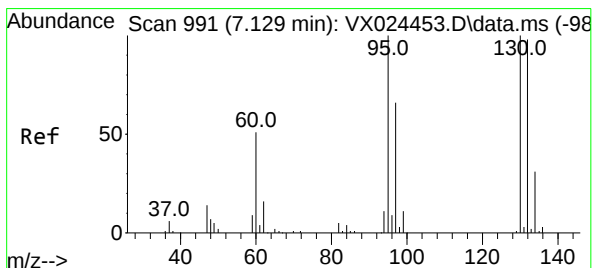
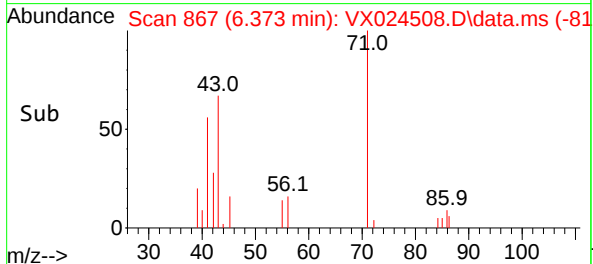
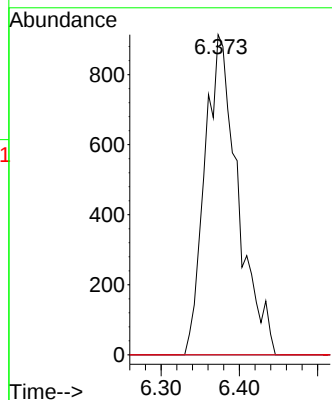
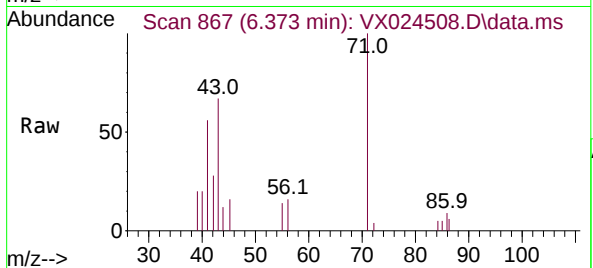




#43
Isopropyl Acetate
Concen: 0.575 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.025 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

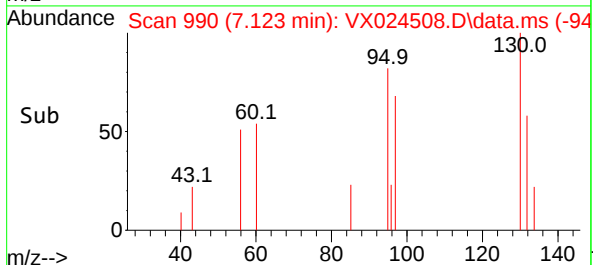
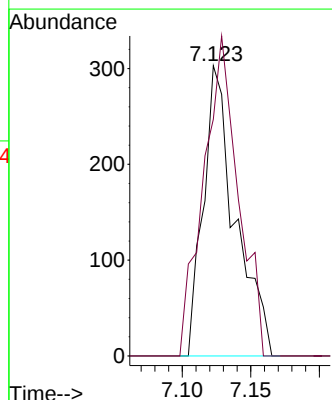
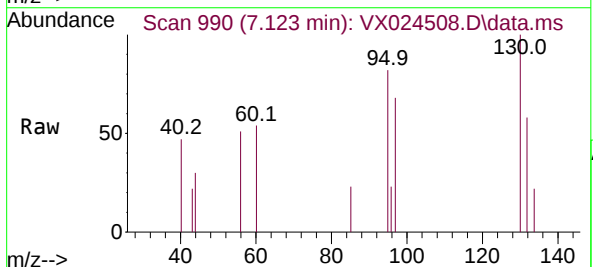
Instrument :
MSVOA_X
ClientSampled :

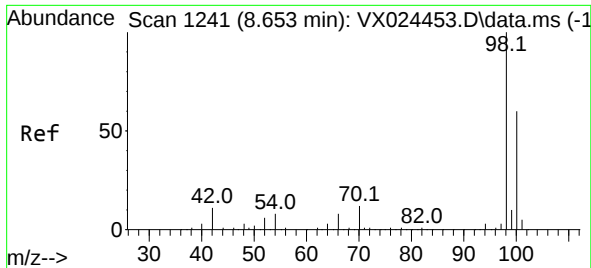
Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#44
Trichloroethene
Concen: 0.256 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 130 Resp: 492
Ion Ratio Lower Upper
130 100
95 81.5 0.0 198.0

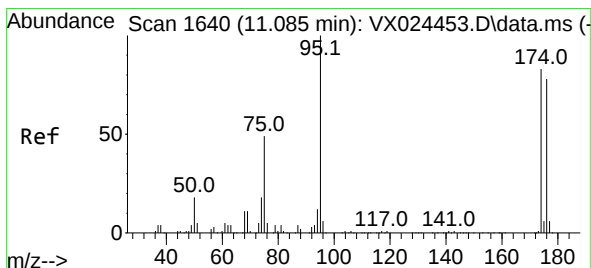
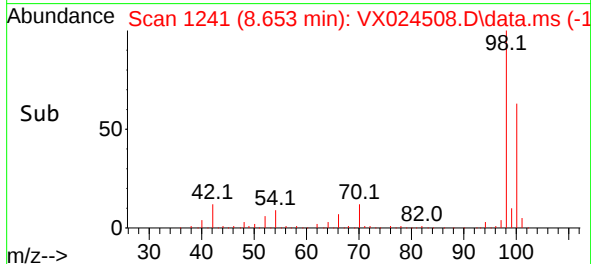
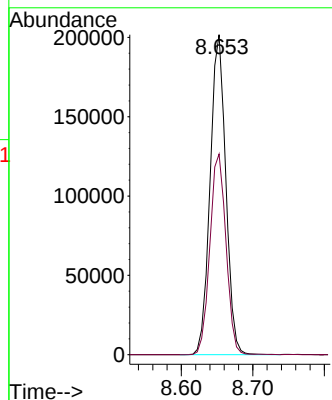
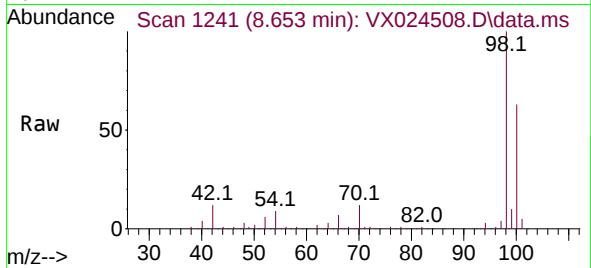




#50
Toluene-d8
Concen: 49.219 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

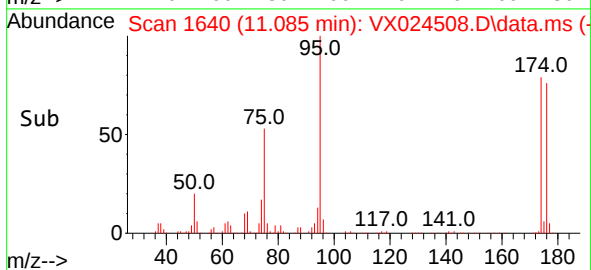
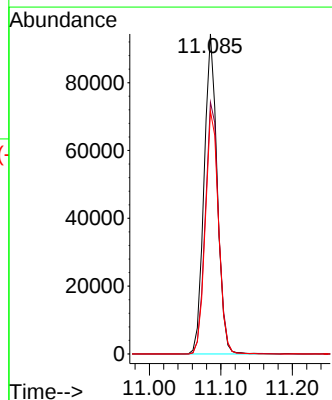
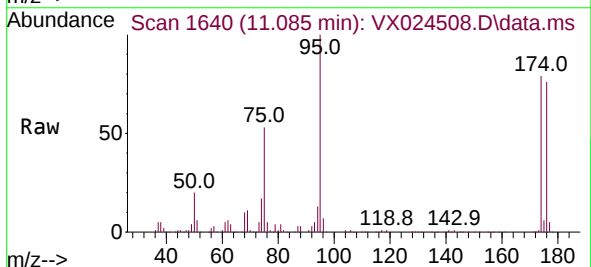
Instrument :
MSVOA_X
ClientSampled :

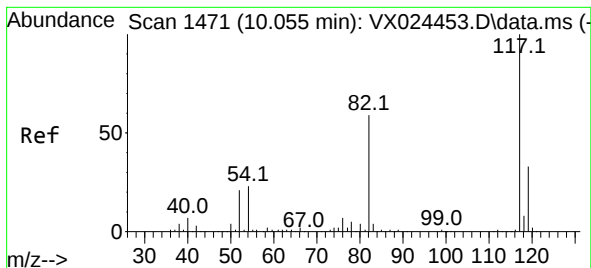
Tgt Ion: 98 Resp: 307166
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.906 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 95 Resp: 120004
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 76.8 0.0 155.8

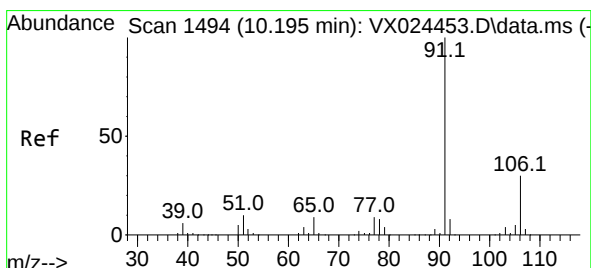
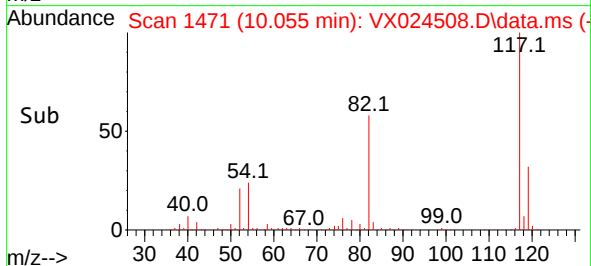
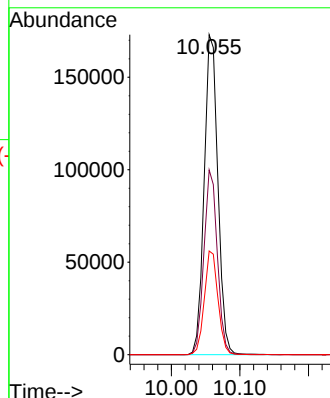
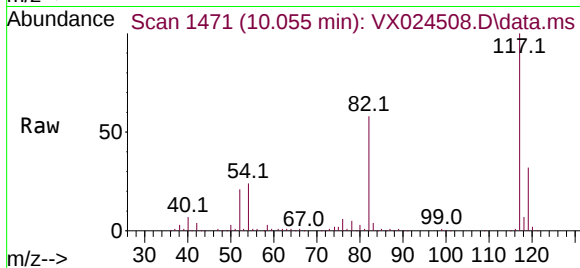




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

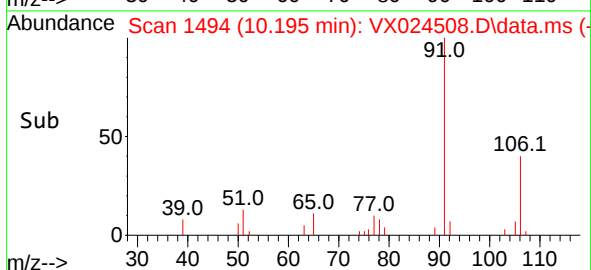
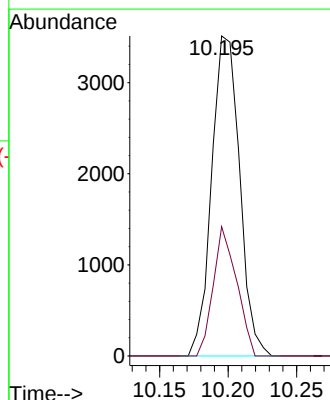
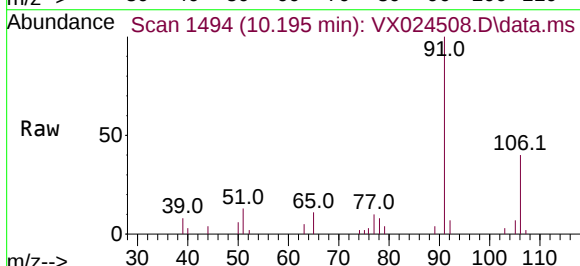
Instrument :
MSVOA_X
ClientSampled :

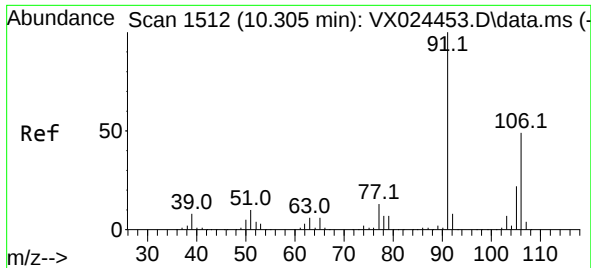
Tgt Ion:117 Resp: 241335
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.4 26.6 39.8



#67
Ethyl Benzene
Concen: 0.560 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 91 Resp: 4987
Ion Ratio Lower Upper
91 100
106 40.4 24.6 37.0#

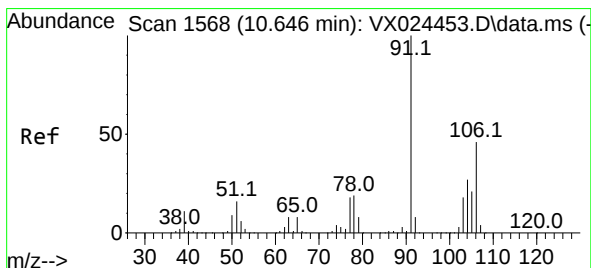
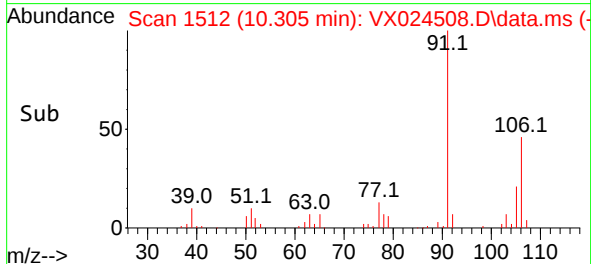
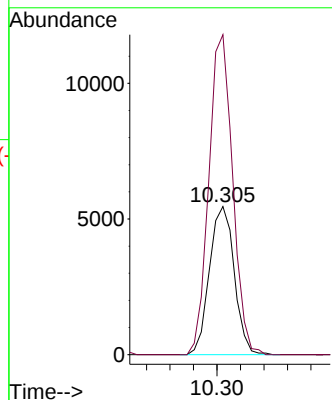
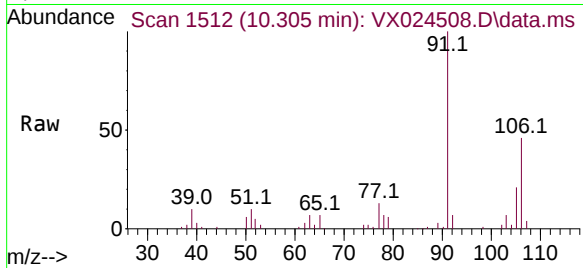




#68
m/p-Xylenes
Concen: 2.346 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

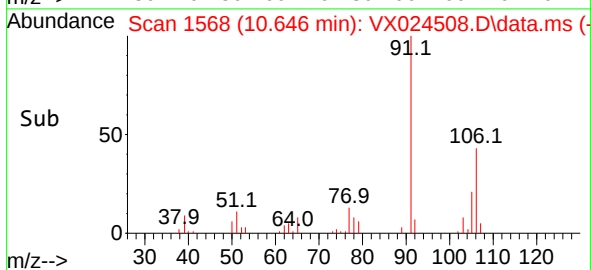
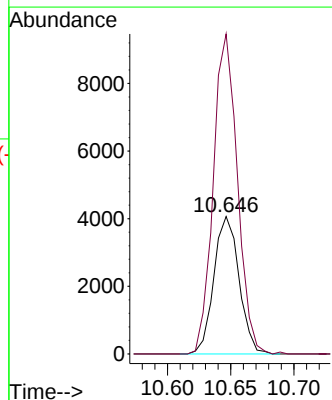
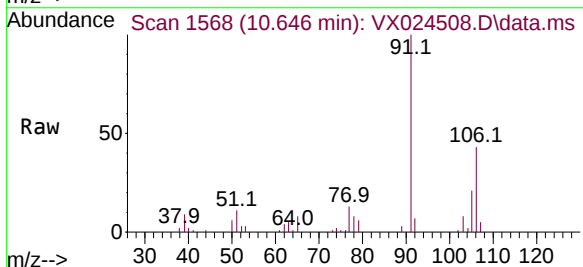
Instrument :
MSVOA_X
ClientSampled :

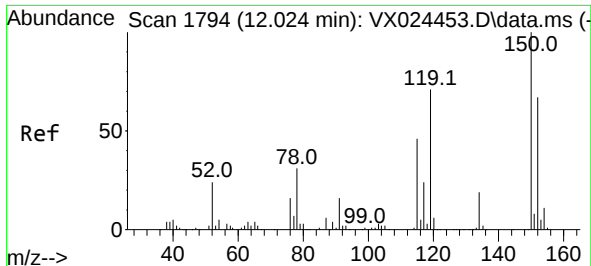
Tgt Ion:106 Resp: 8005
Ion Ratio Lower Upper
106 100
91 207.6 162.8 244.2



#69
o-Xylene
Concen: 1.668 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion:106 Resp: 5628
Ion Ratio Lower Upper
106 100
91 222.9 108.1 324.2

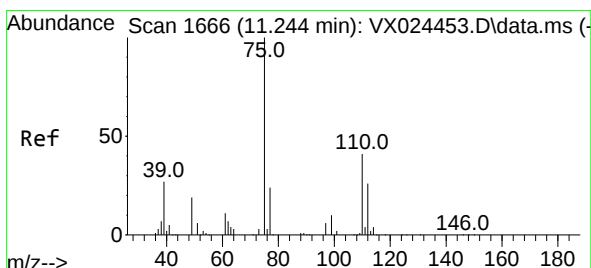
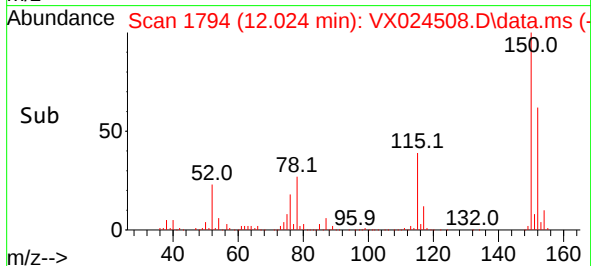
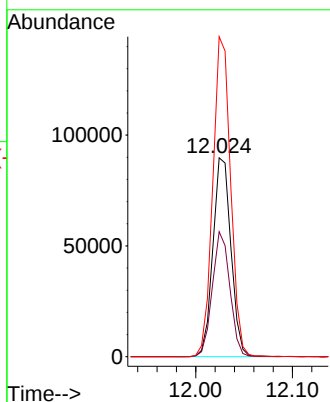
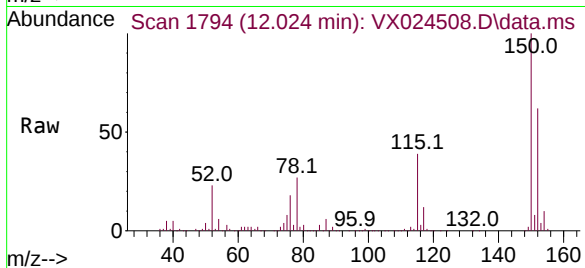




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

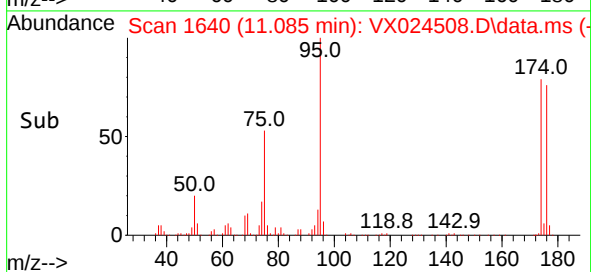
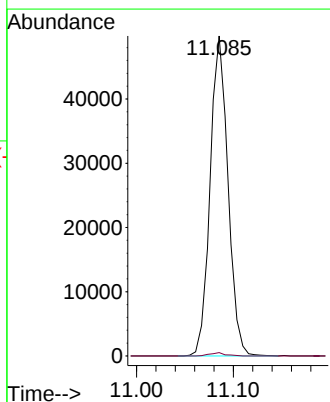
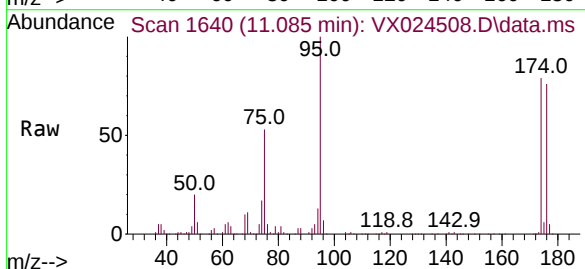
Instrument :
MSVOA_X
ClientSampled :

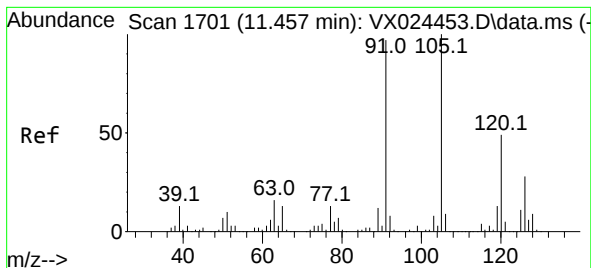
Tgt Ion:152 Resp: 116243
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 158.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.185 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 75 Resp: 63844
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

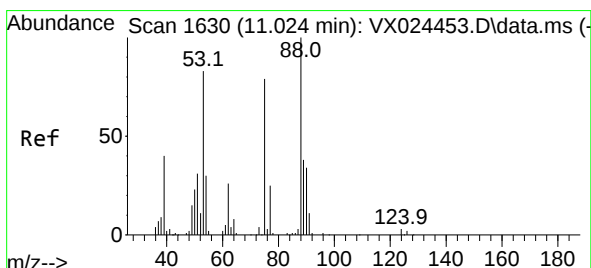
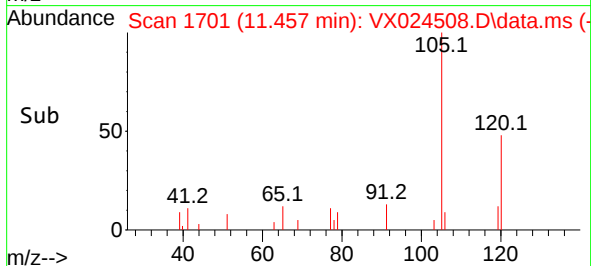
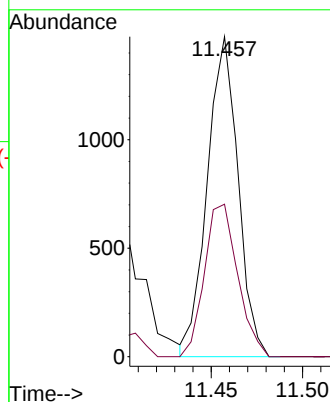
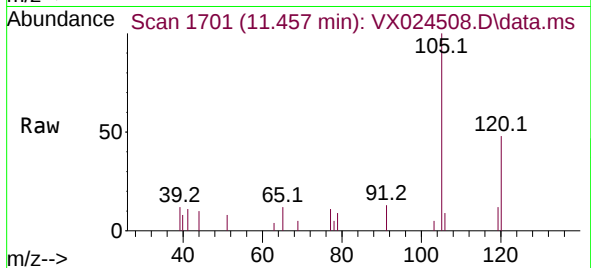




#80
1,3,5-Trimethylbenzene
Concen: 0.246 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

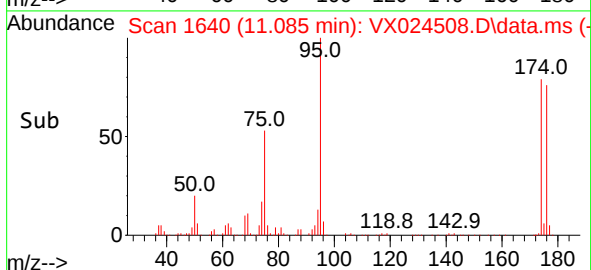
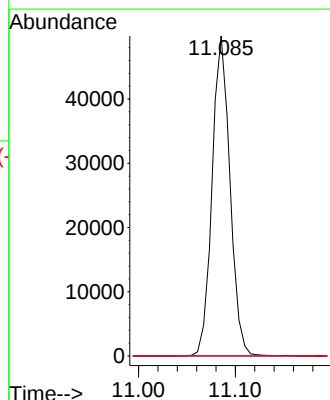
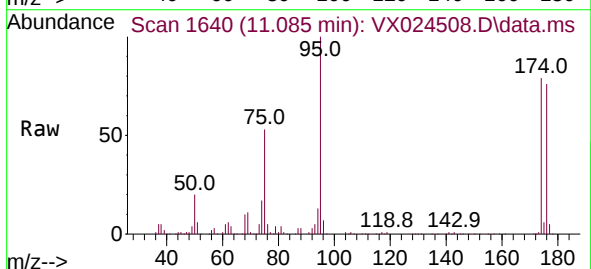
Instrument :
MSVOA_X
ClientSampled :

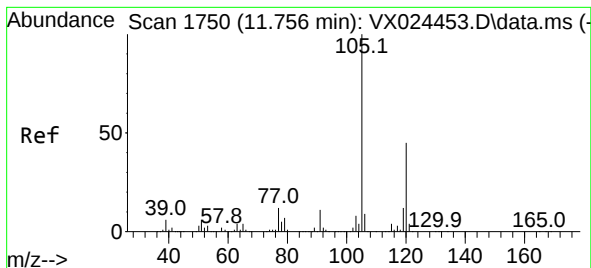
Tgt Ion:105 Resp: 1724
Ion Ratio Lower Upper
105 100
120 51.7 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 66.015 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024508.D
Acq: 01 Oct 2021 18:08

Tgt Ion: 75 Resp: 63844
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#84

1,2,4-Trimethylbenzene

Concen: 0.851 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX024508.D

Acq: 01 Oct 2021 18:08

Tgt Ion:105 Resp: 5938

Ion Ratio Lower Upper

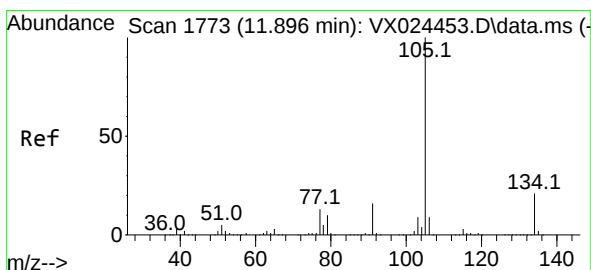
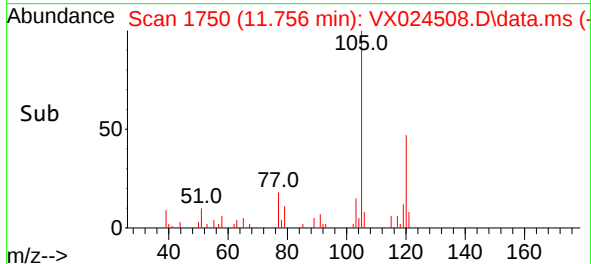
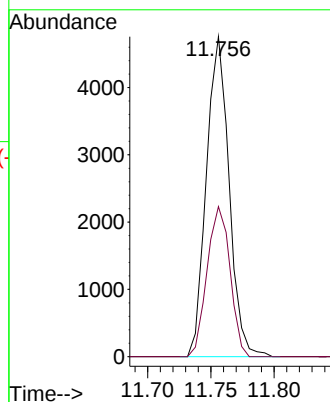
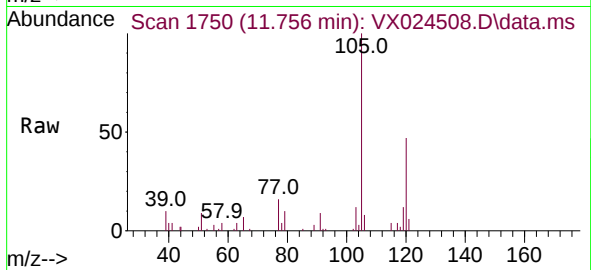
105 100

120 47.3 22.4 67.3

Instrument :

MSVOA_X

ClientSampled :



#85

sec-Butylbenzene

Concen: 0.686 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.140 min

Lab File: VX024508.D

Acq: 01 Oct 2021 18:08

Tgt Ion:105 Resp: 5938

Ion Ratio Lower Upper

105 100

134 0.0 10.0 29.8#

