

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024512.D
 Acq On : 04 Oct 2021 11:57
 Operator : JC/MD
 Sample : VX1004MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBL01

Quant Time: Oct 05 03:18:48 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)

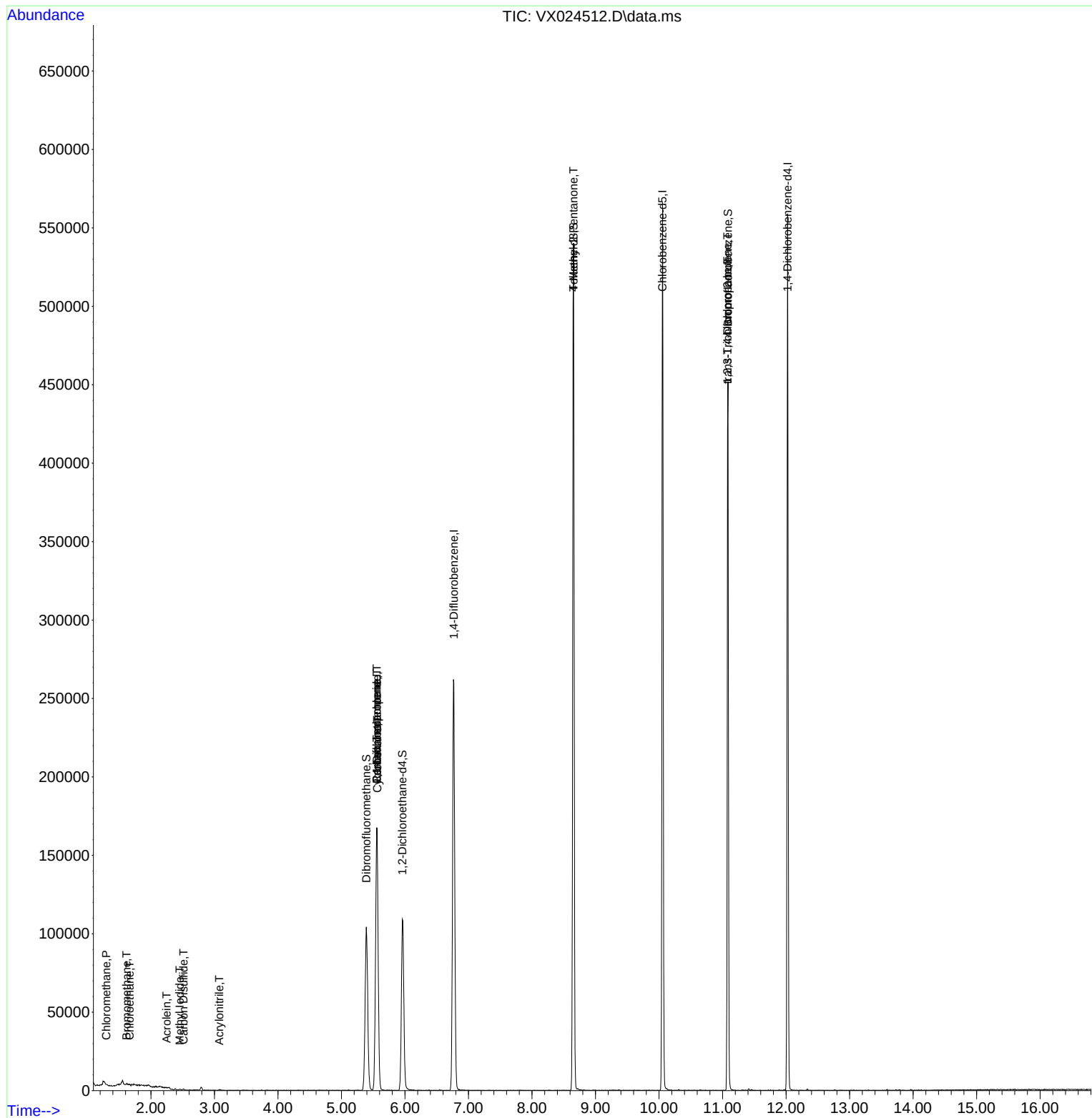
Internal Standards						
1) Pentafluorobenzene	5.556	168	153943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	260421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111270	51.285	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.580%		
35) Dibromofluoromethane	5.391	113	87727	50.708	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.420%		
50) Toluene-d8	8.653	98	319631	50.197	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.400%		
62) 4-Bromofluorobenzene	11.085	95	119466	47.718	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.440%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	363	0.249	ug/l #	42
5) Bromomethane	1.618	94	346	0.337	ug/l #	46
6) Chloroethane	1.666	64	477	0.725	ug/l #	43
10) Methyl Iodide	2.453	142	497	0.234	ug/l #	90
11) Tert butyl alcohol	2.953	59	23	Below Cal	#	73
13) Acrolein	2.245	56	45	10.426	ug/l	93
15) Acrylonitrile	3.075	53	251	0.255	ug/l #	59
16) Acetone	2.386	43	646	Below Cal		99
17) Carbon Disulfide	2.514	76	888	0.471	ug/l	98
20) Methylene Chloride	2.794	84	863	Below Cal	#	89
31) Cyclohexane	5.562	56	3257	1.254	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	12130	4.859	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15846	5.831	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1479	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	63222	25.397	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63222	69.226	ug/l #	12

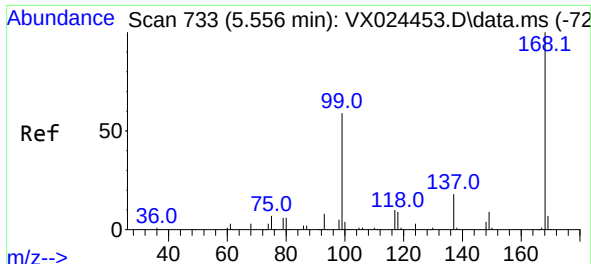
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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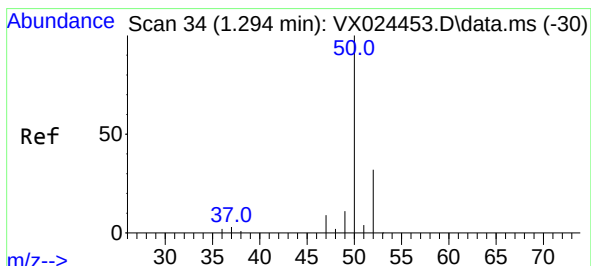
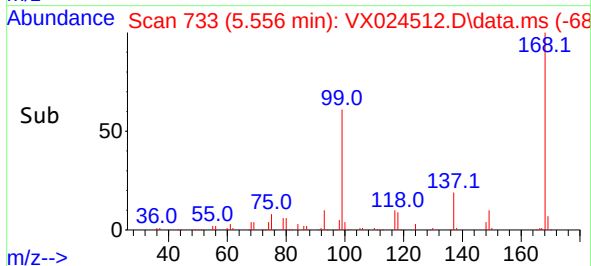
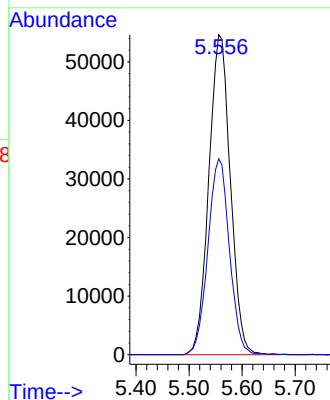
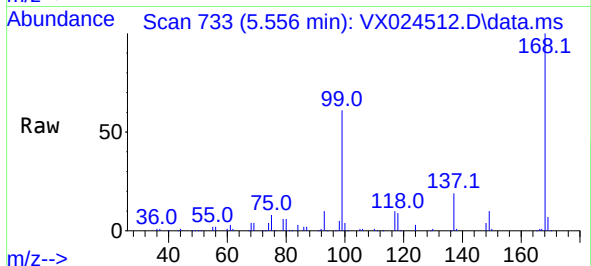




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

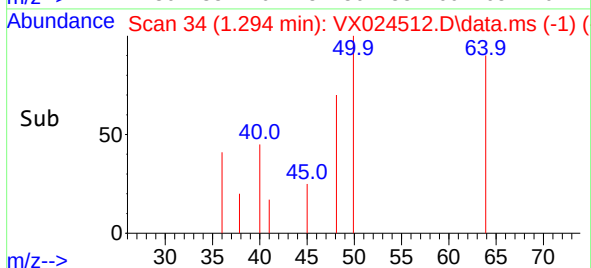
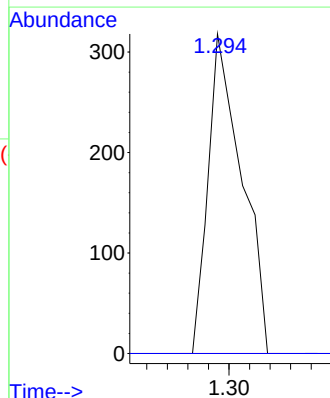
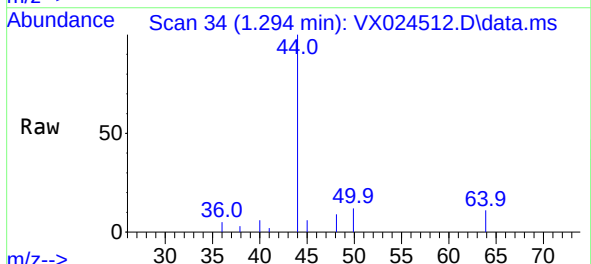
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

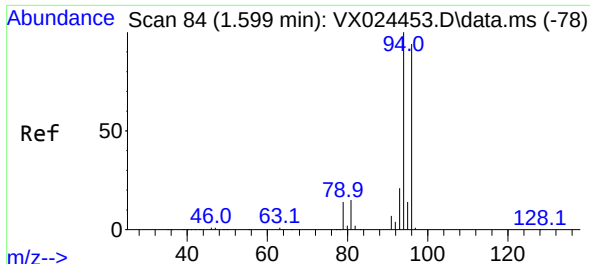
Tgt Ion:168 Resp: 153943
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.249 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Tgt Ion: 50 Resp: 363
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

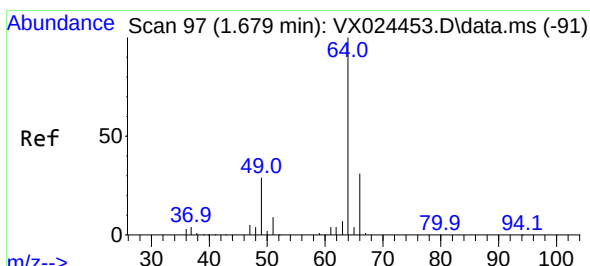
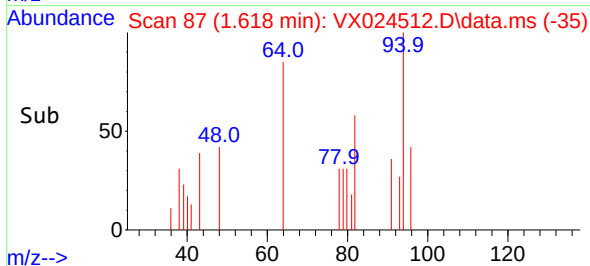
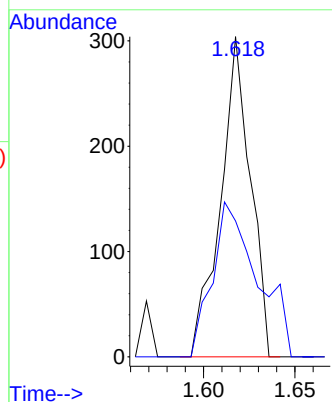
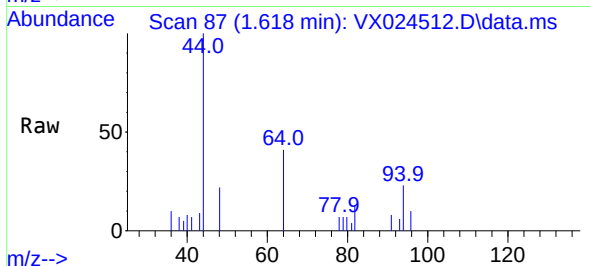




#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

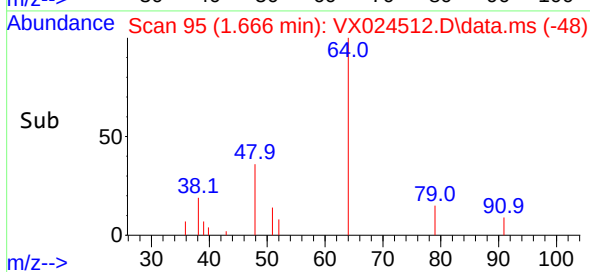
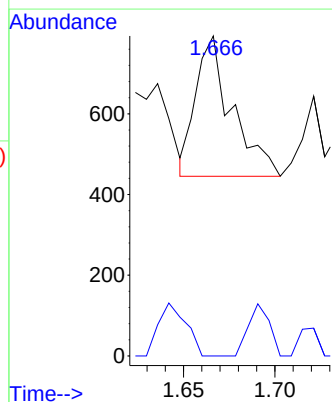
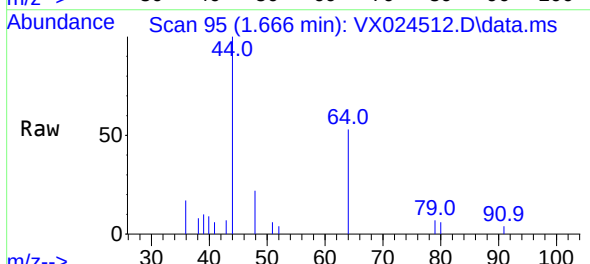
Instrument :
MSVOA_X
ClientSampled :
VX1004MBL01

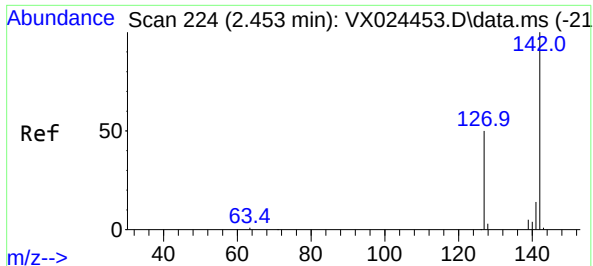
Tgt Ion: 94 Resp: 346
Ion Ratio Lower Upper
94 100
96 42.4 76.4 114.6#



#6
Chloroethane
Concen: 0.725 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

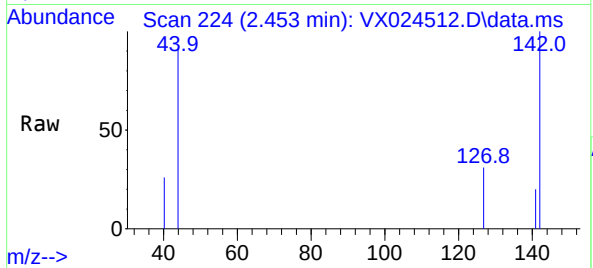
Tgt Ion: 64 Resp: 477
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



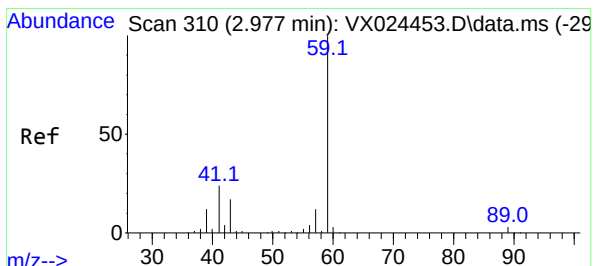
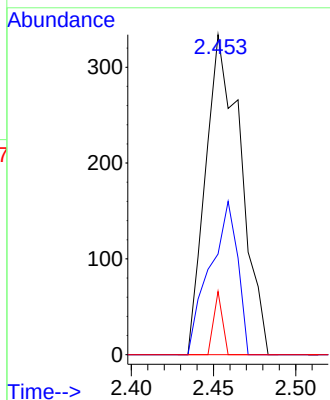
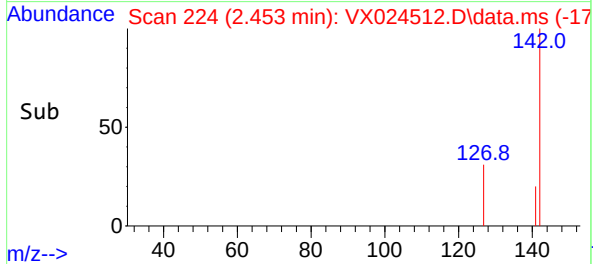


#10
Methyl Iodide
Concen: 0.234 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

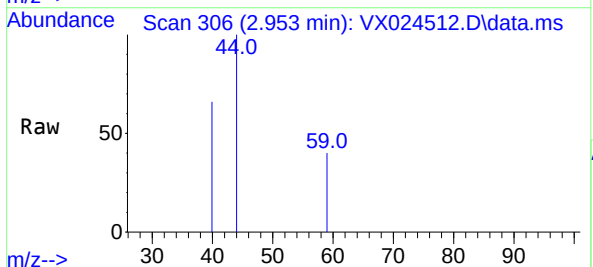
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01



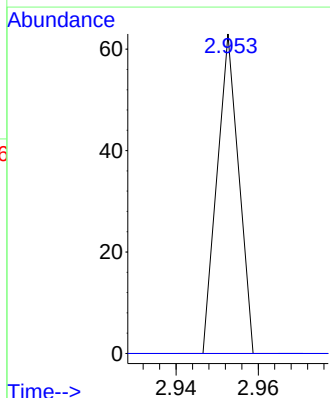
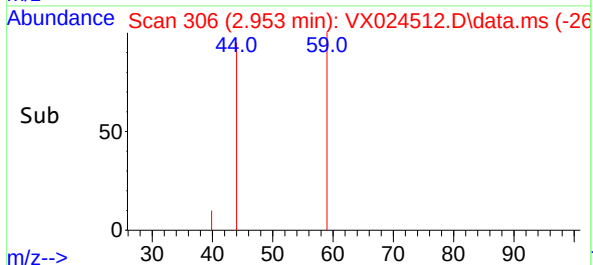
Tgt Ion:142 Resp: 497
Ion Ratio Lower Upper
142 100
127 37.8 33.3 49.9
141 4.8 11.4 17.0#

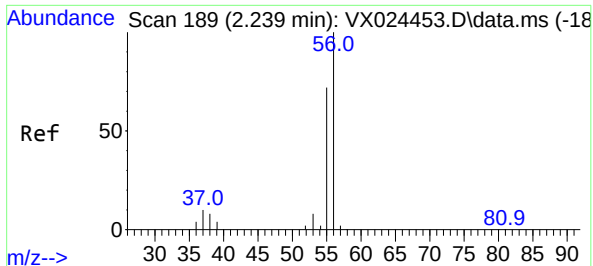


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57



Tgt Ion: 59 Resp: 23
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

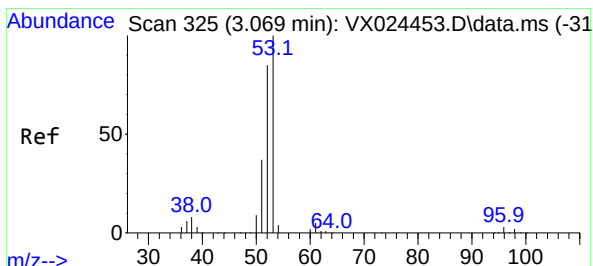
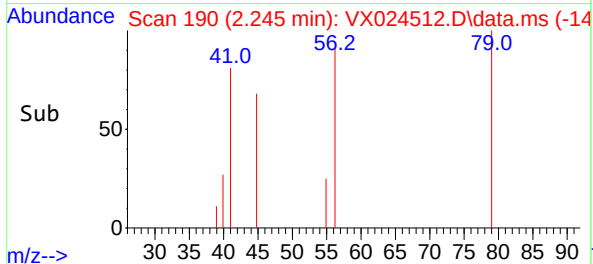
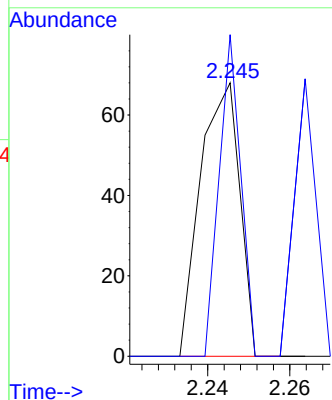
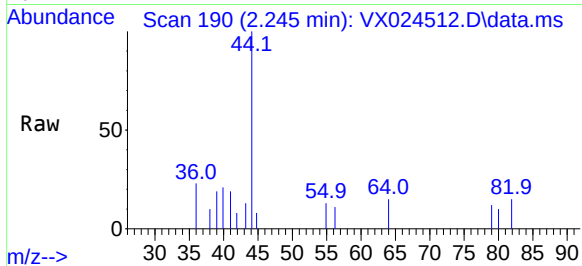




#13
Acrolein
Concen: 10.426 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

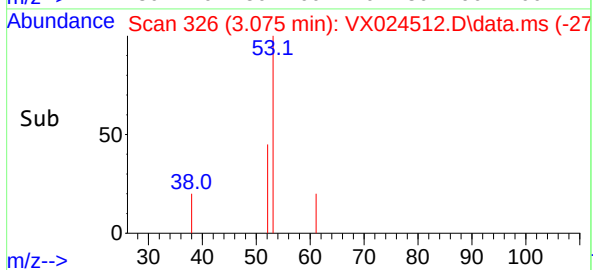
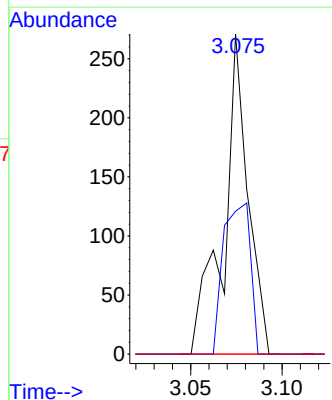
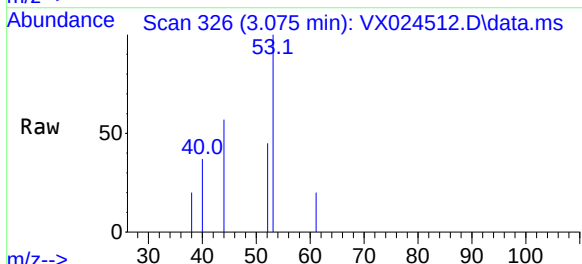
Instrument :
MSVOA_X
ClientSampled :
VX1004MBL01

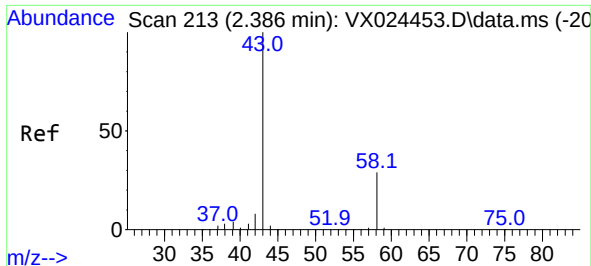
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 64.4 56.4 84.6



#15
Acrylonitrile
Concen: 0.255 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Tgt Ion: 53 Resp: 251
Ion Ratio Lower Upper
53 100
52 52.2 65.3 97.9#
51 0.0 28.2 42.2#

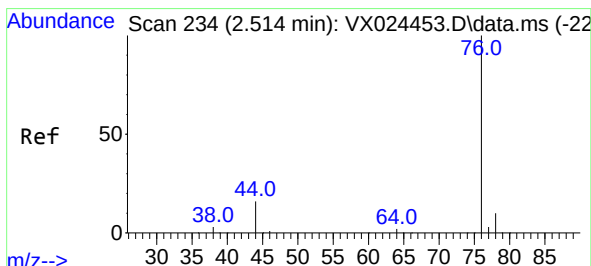
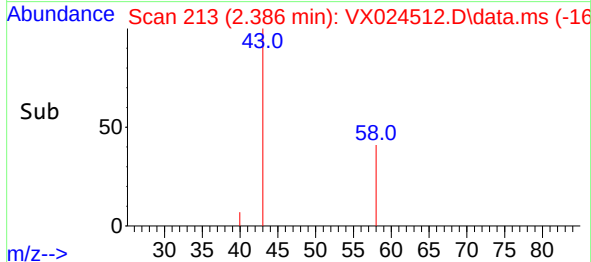
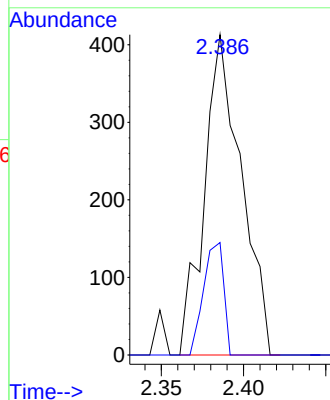
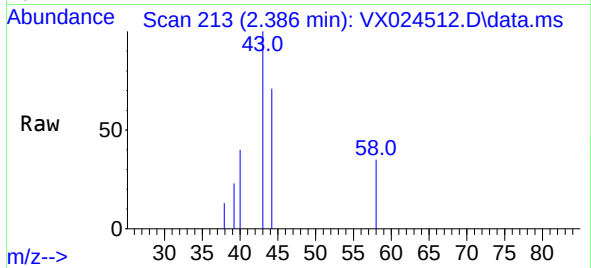




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

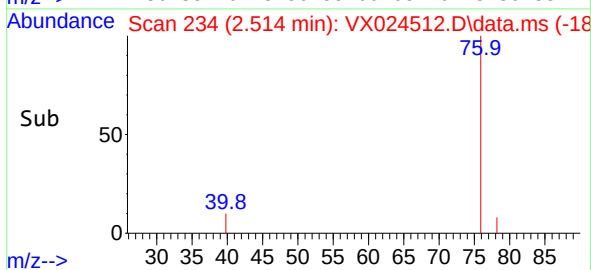
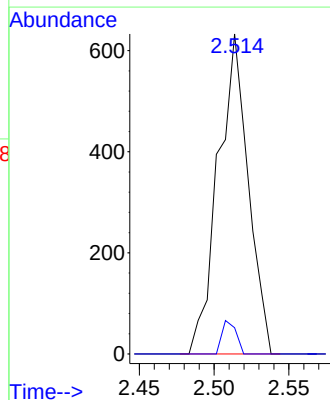
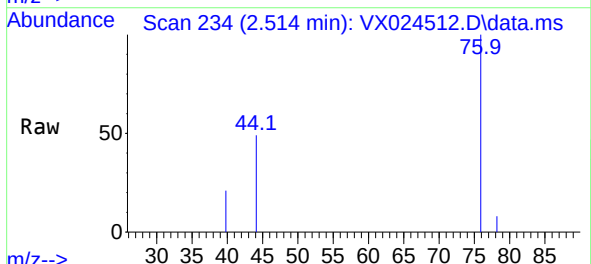
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

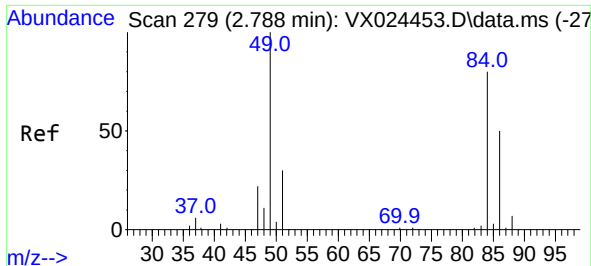
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



#17
Carbon Disulfide
Concen: 0.471 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Tgt Ion: 76 Resp: 888
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024512.D

Acq: 04 Oct 2021 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX1004MBL01

Tgt Ion: 84 Resp: 863

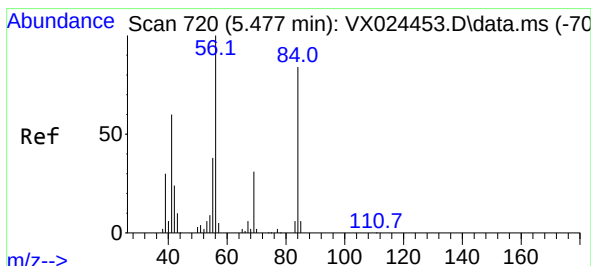
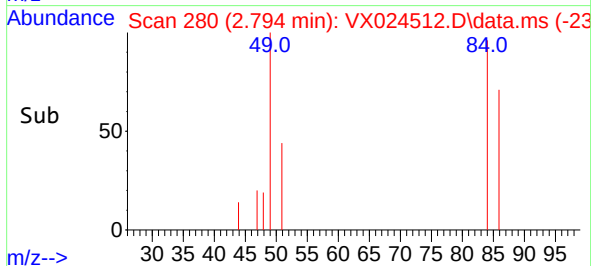
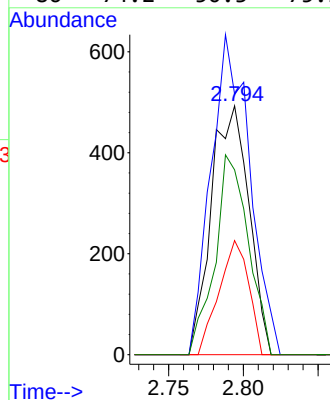
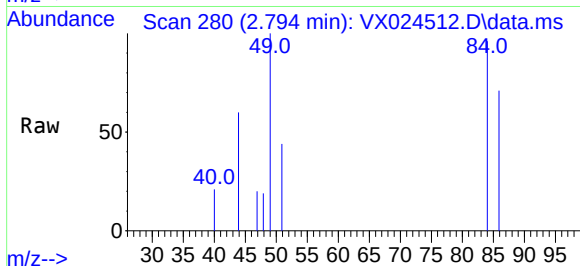
Ion Ratio Lower Upper

84 100

49 104.7 88.6 132.8

51 45.8 27.0 40.6#

86 74.2 50.3 75.5



#31

Cyclohexane

Concen: 1.254 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024512.D

Acq: 04 Oct 2021 11:57

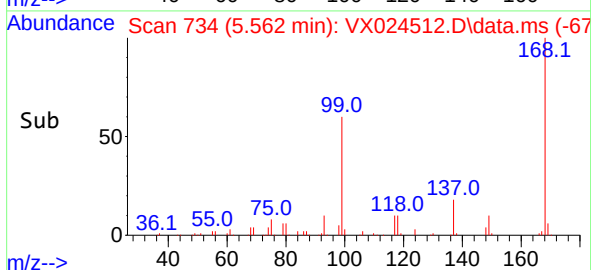
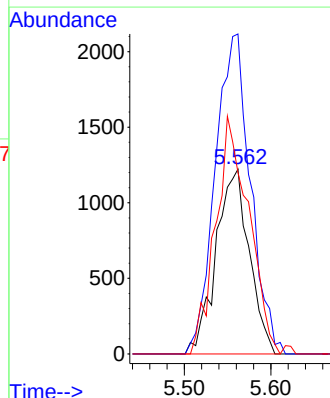
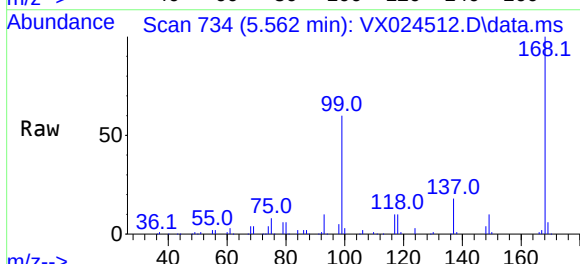
Tgt Ion: 56 Resp: 3257

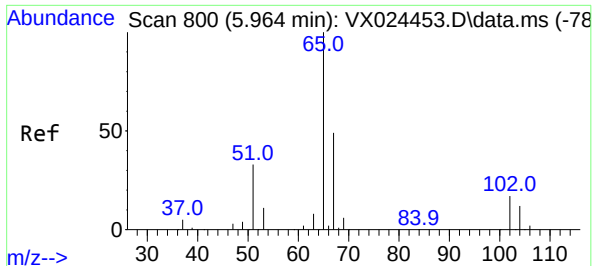
Ion Ratio Lower Upper

56 100

69 173.2 25.3 37.9#

84 98.2 71.4 107.0



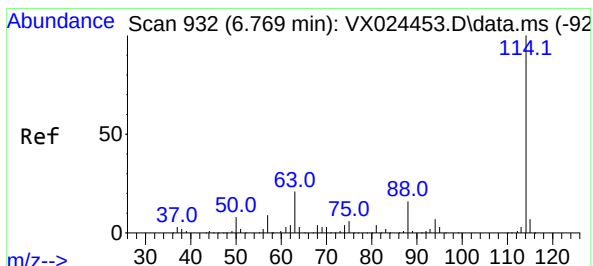
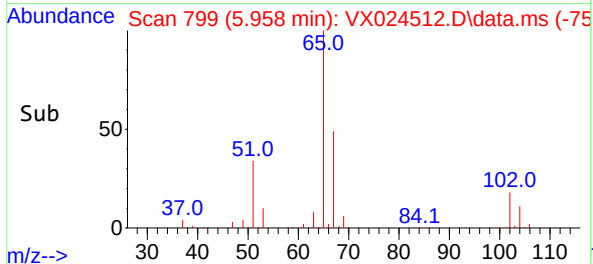
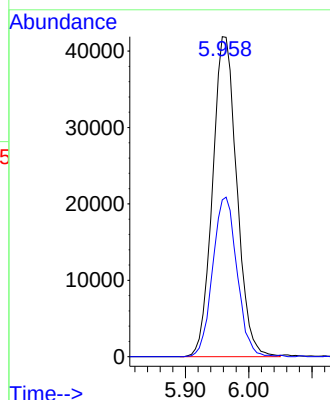
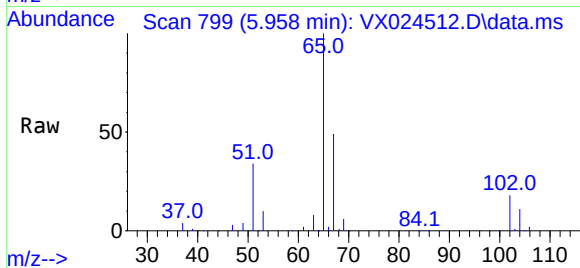


#33

1,2-Dichloroethane-d4
Concen: 51.285 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

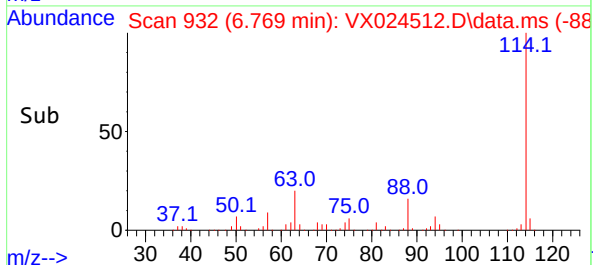
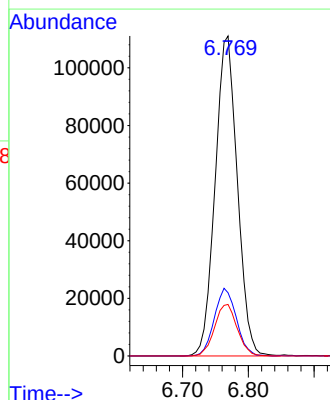
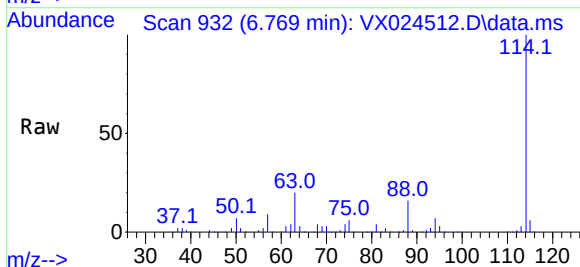
Tgt Ion: 65 Resp: 111270
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

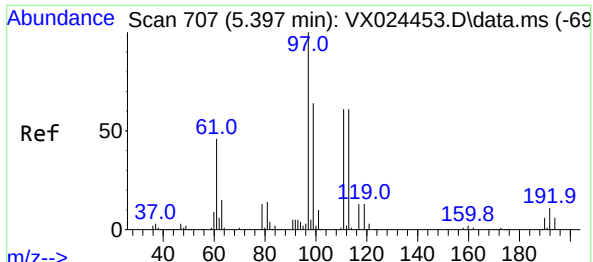


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Tgt Ion: 114 Resp: 260421
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.1 0.0 32.8

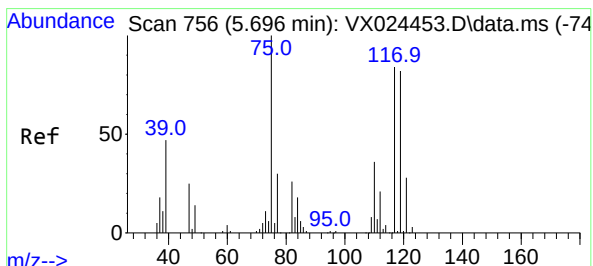
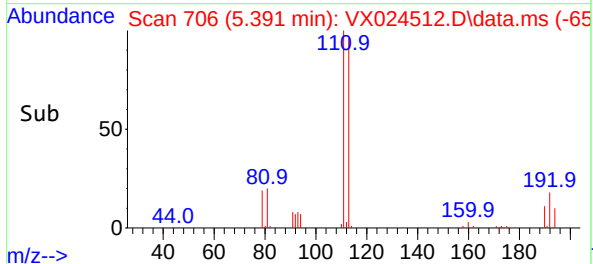
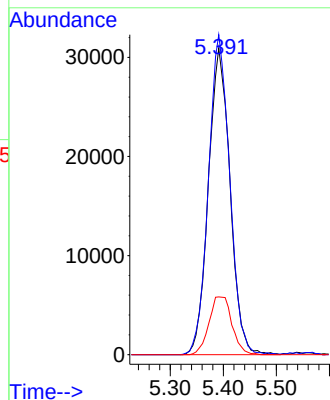
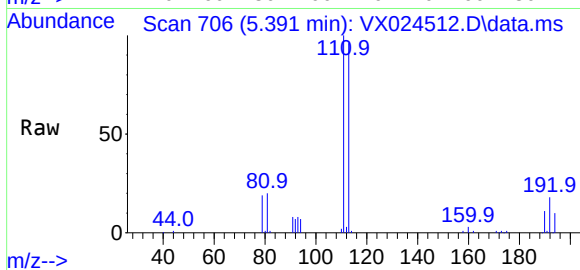




#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

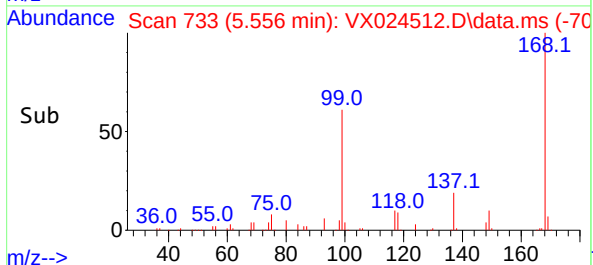
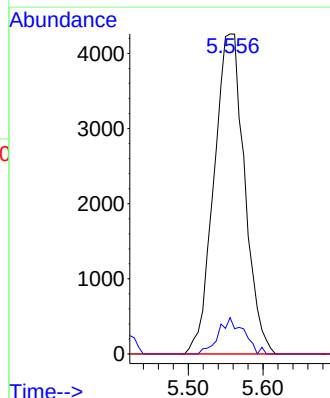
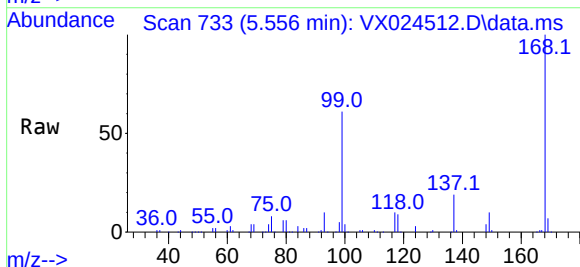
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

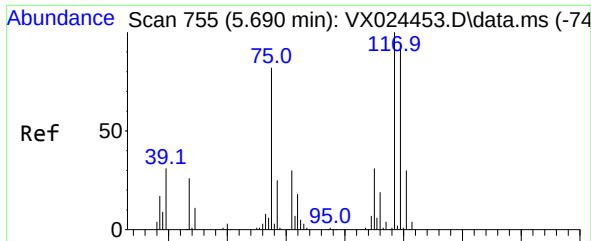
Tgt Ion:113 Resp: 87727
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

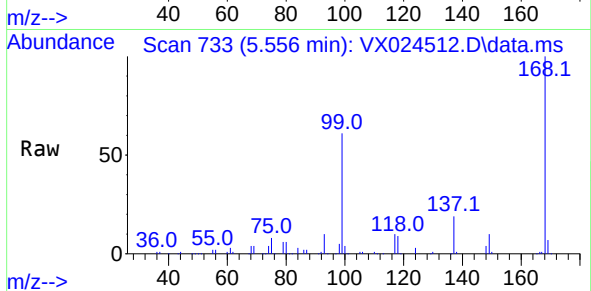
Tgt Ion: 75 Resp: 12130
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



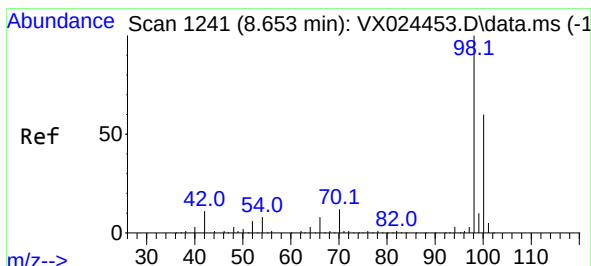
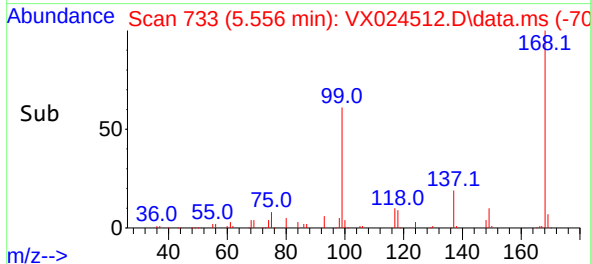
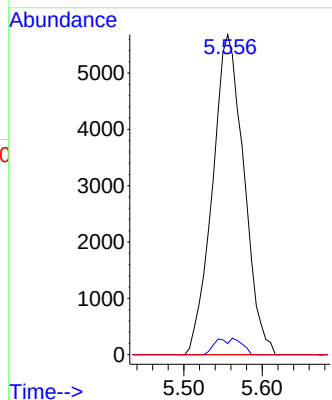


#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

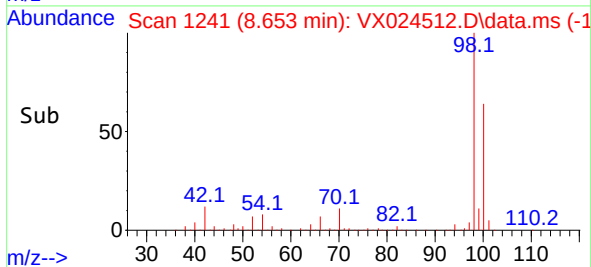
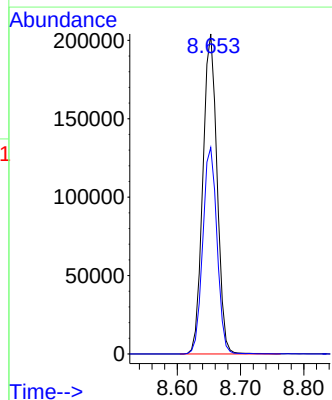
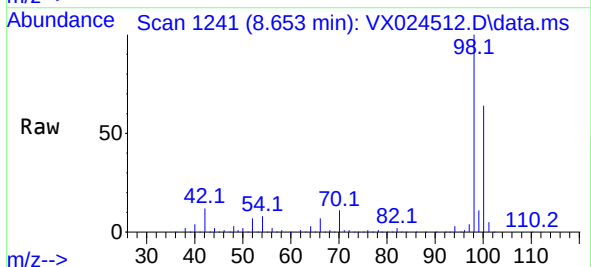


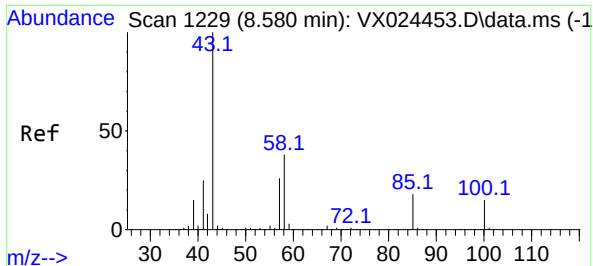
Tgt Ion:117 Resp: 15846
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.197 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Tgt Ion: 98 Resp: 319631
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

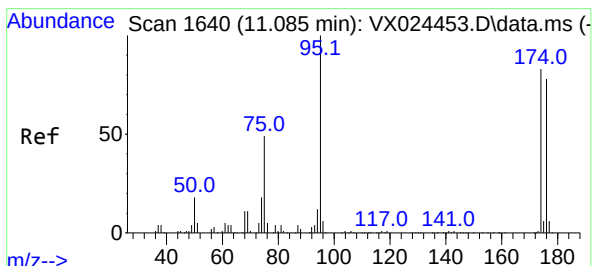
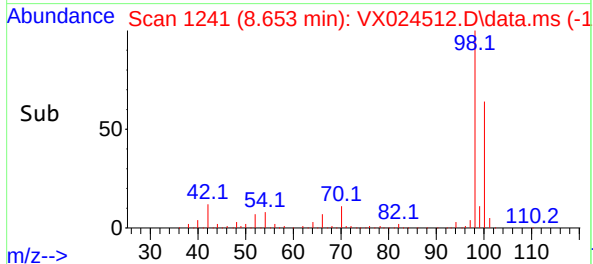
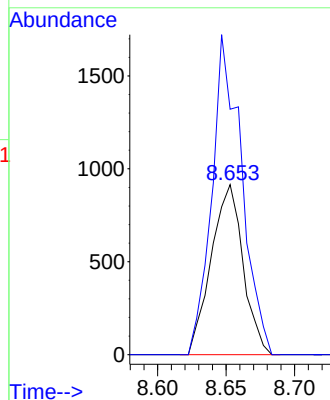
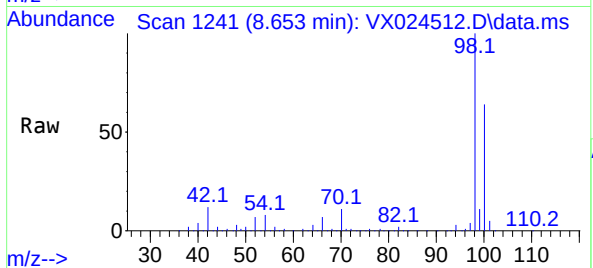




#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

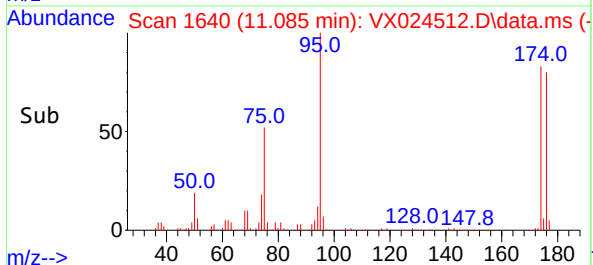
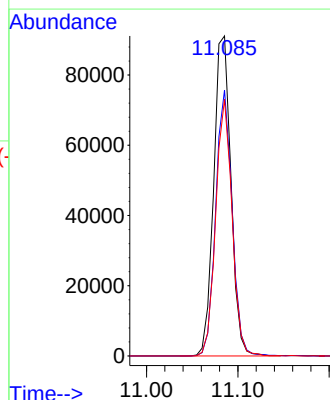
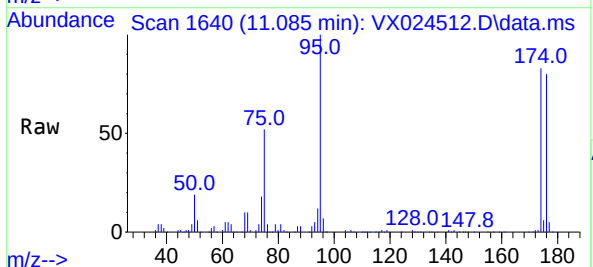
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

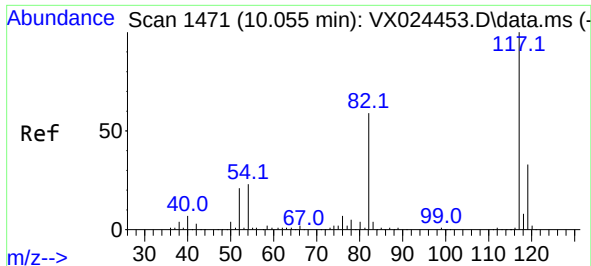
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 175.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.718 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Tgt Ion: 95 Resp: 119466
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.1 0.0 155.8

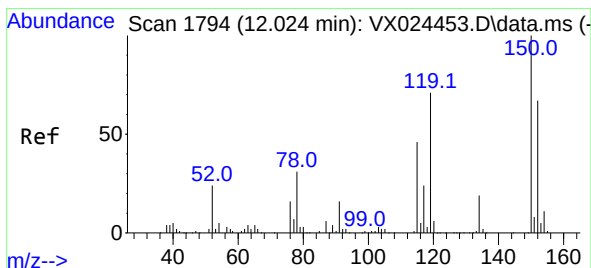
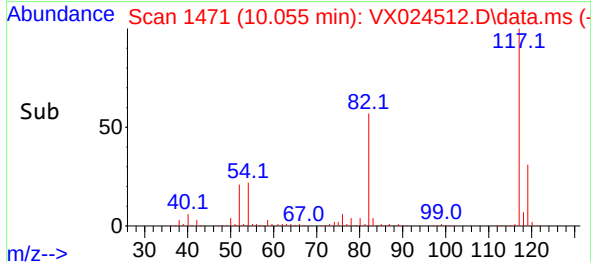
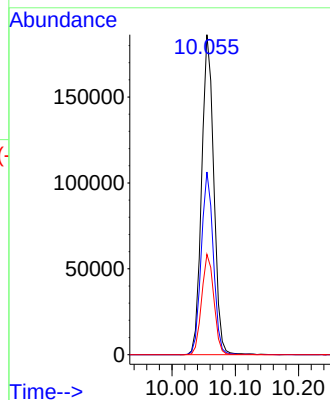
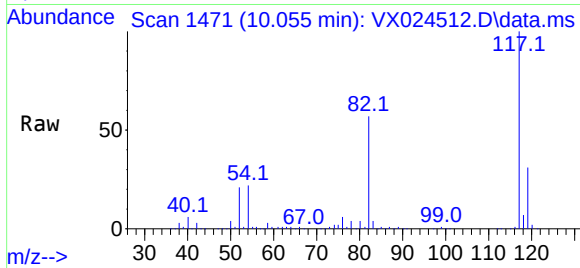




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

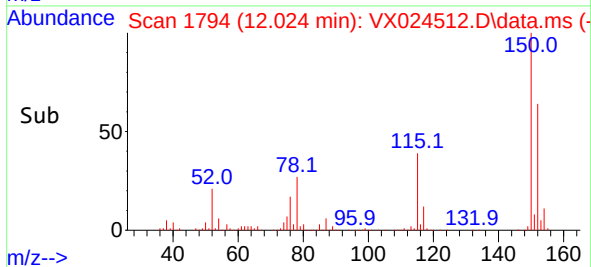
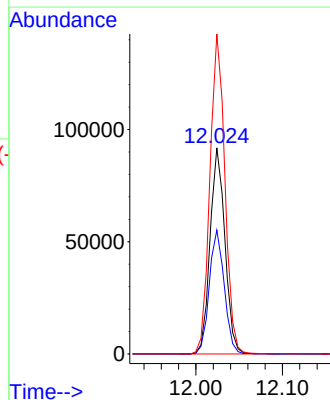
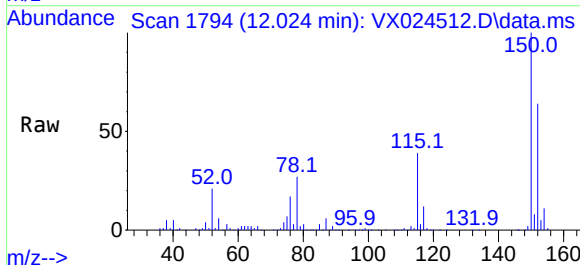
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

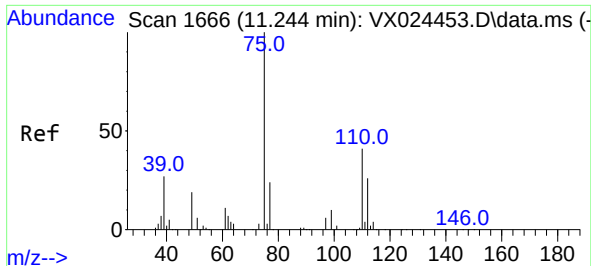
Tgt Ion:117 Resp: 249357
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Tgt Ion:152 Resp: 109618
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 156.1 0.0 349.0

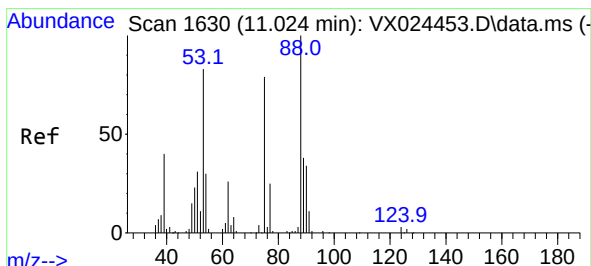
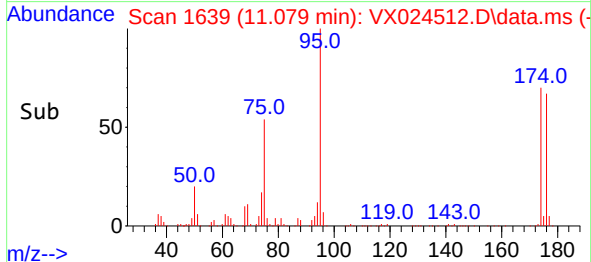
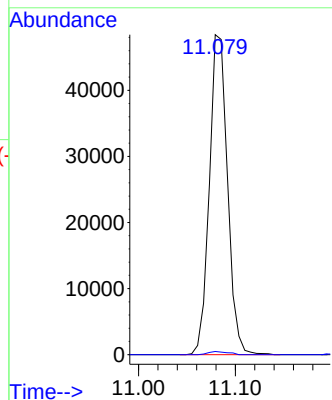
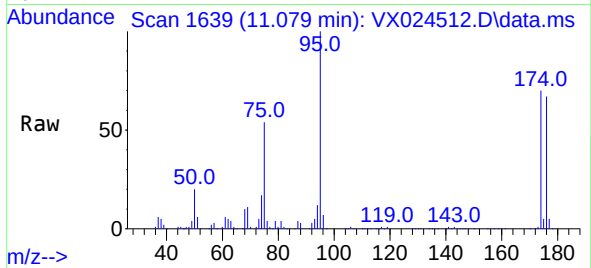




#76
1,2,3-Trichloropropane
Concen: 25.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

Tgt Ion: 75 Resp: 63222
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX024512.D
Acq: 04 Oct 2021 11:57

Tgt Ion: 75 Resp: 63222
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

