

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031511.D
 Acq On : 21 Sep 2022 09:37
 Operator : JC/MD
 Sample : VX0921MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921MBL01

Quant Time: Sep 22 01:10:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

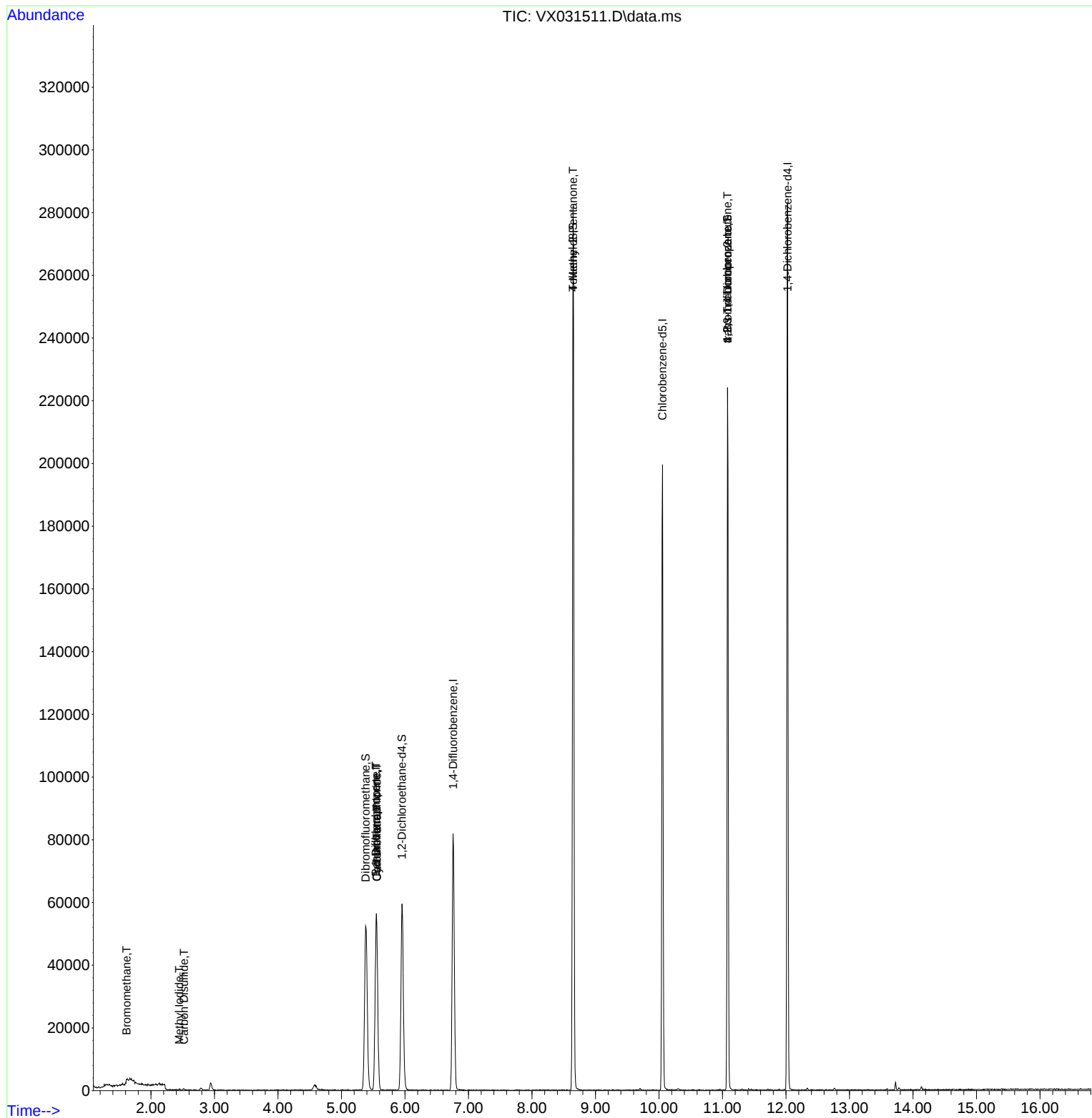
Internal Standards						
1) Pentafluorobenzene	5.544	168	54060	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.757	114	84749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53204	53.643	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.280%	
35) Dibromofluoromethane	5.379	113	44199	50.464	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.920%	
50) Toluene-d8	8.647	98	162219	48.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.080%	
62) 4-Bromofluorobenzene	11.079	95	50814	44.429	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	530	0.317	ug/l	82
6) Chloroethane	1.679	64	66	Below Cal	#	43
10) Methyl Iodide	2.447	142	195	0.232	ug/l	# 88
11) Tert butyl alcohol	2.941	59	1385	Below Cal	#	73
13) Acrolein	1.971	56	45	Below Cal	#	15
16) Acetone	2.398	43	75	Below Cal	#	45
17) Carbon Disulfide	2.520	76	454	0.200	ug/l	# 75
20) Methylene Chloride	2.782	84	276	Below Cal	#	81
31) Cyclohexane	5.556	56	1271	0.864	ug/l	# 21
36) 1,1-Dichloropropene	5.544	75	4355	3.233	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	5225	3.499	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	821	0.517	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	29317	23.203	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	29317	74.712	ug/l	# 11

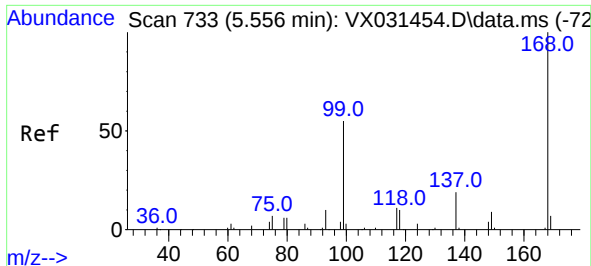
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 22 01:10:44 2022
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Quant Title : SW846 8260
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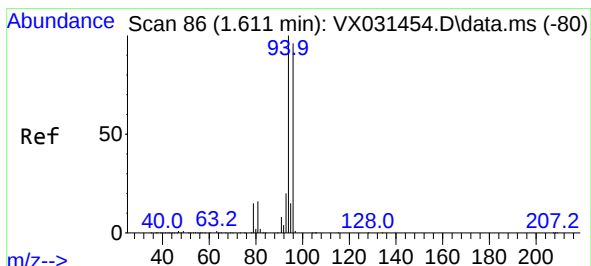
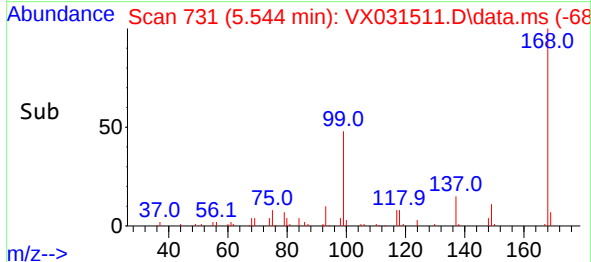
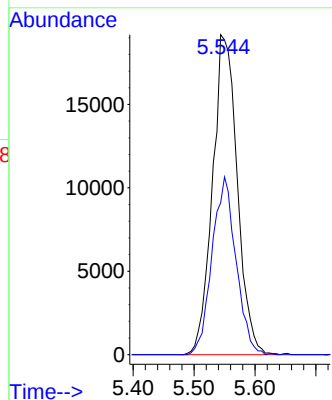
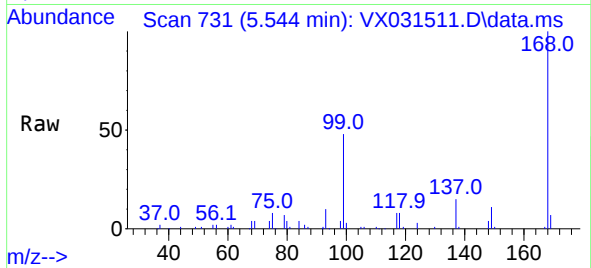




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

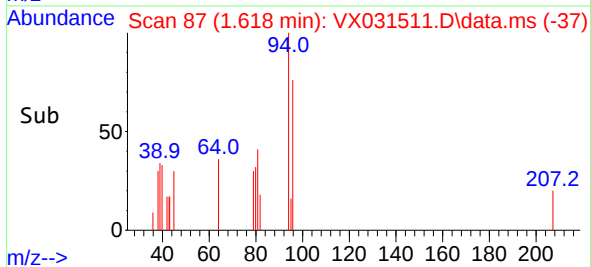
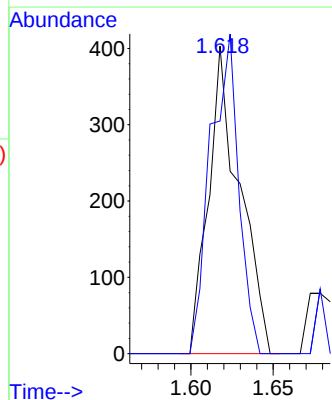
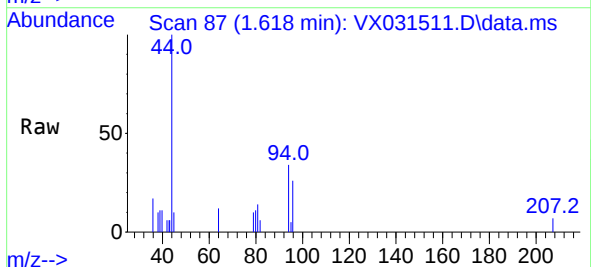
Instrument :
MSVOA_X
ClientSampleId :
VX0921MBL01

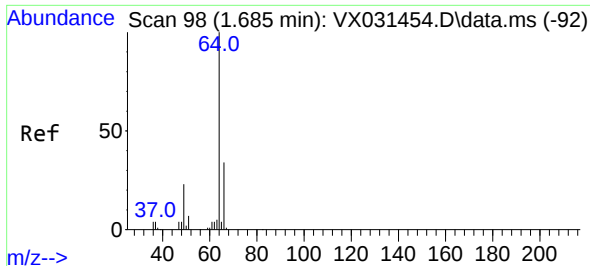
Tgt Ion:168 Resp: 54060
Ion Ratio Lower Upper
168 100
99 47.5 48.8 73.2#



#5
Bromomethane
Concen: 0.317 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

Tgt Ion: 94 Resp: 530
Ion Ratio Lower Upper
94 100
96 75.7 74.4 111.6

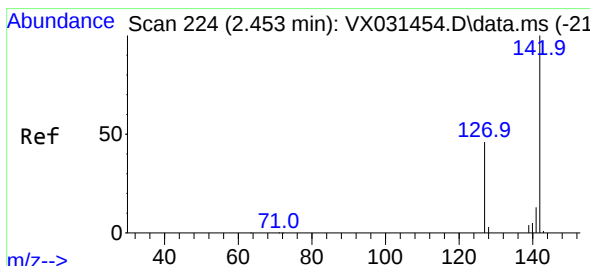
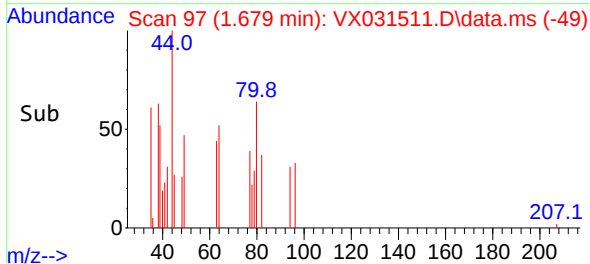
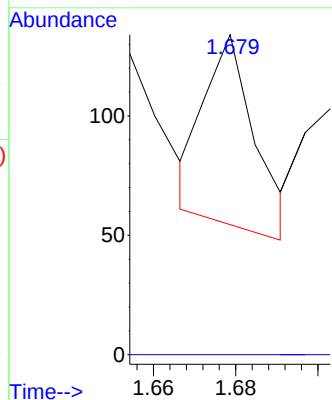
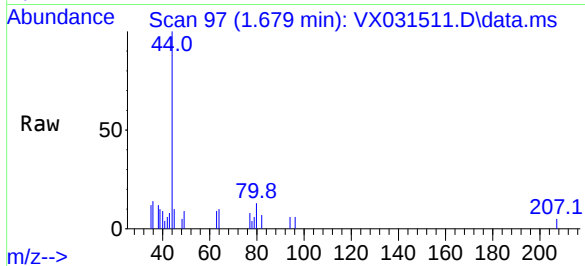




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

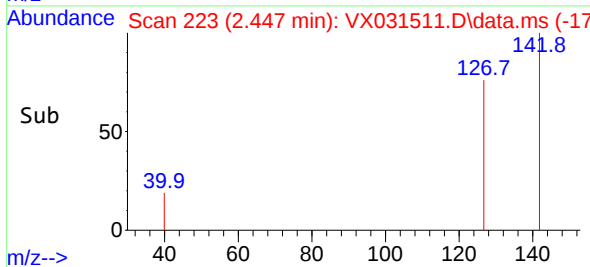
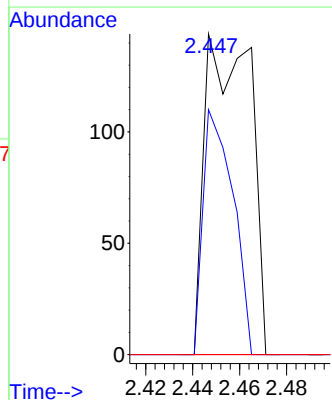
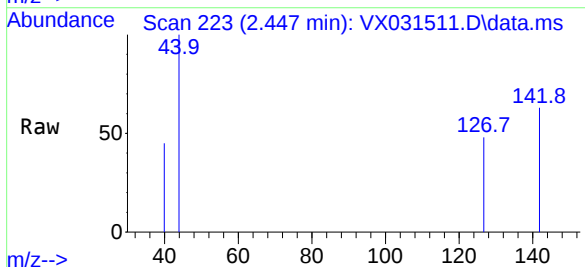
Instrument :
MSVOA_X
ClientSampleId :
VX0921MBL01

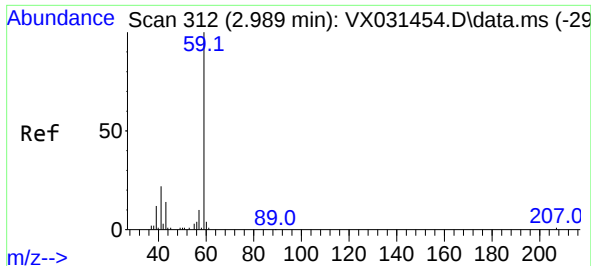
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.232 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

Tgt Ion: 142 Resp: 195
Ion Ratio Lower Upper
142 100
127 50.3 37.4 56.0
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031511.D

Acq: 21 Sep 2022 09:37

Instrument :

MSVOA_X

ClientSampleId :

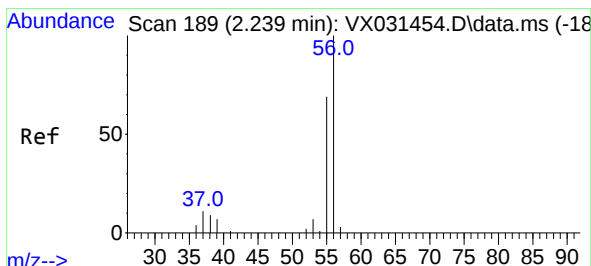
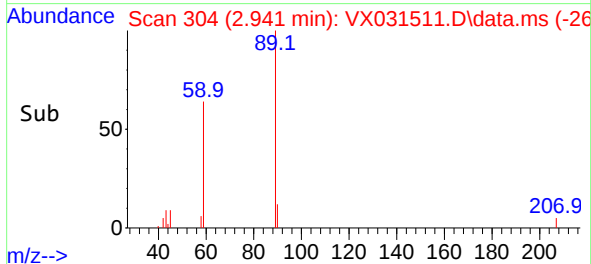
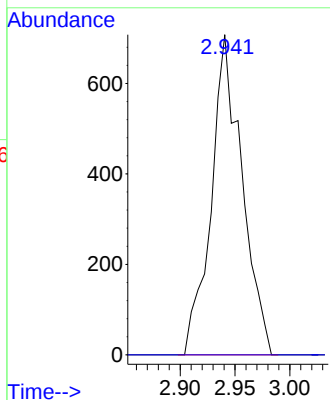
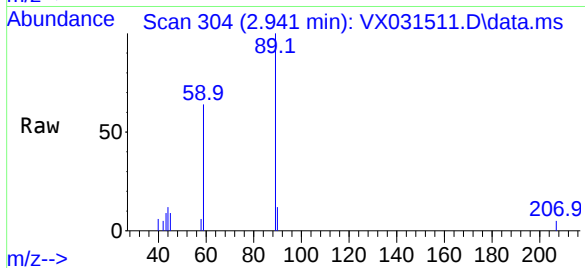
VX0921MBL01

Tgt Ion: 59 Resp: 1385

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 1.971 min Scan# 145

Delta R.T. -0.268 min

Lab File: VX031511.D

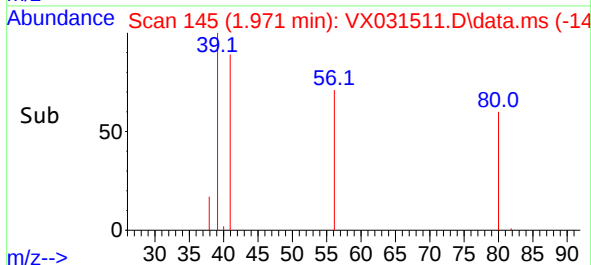
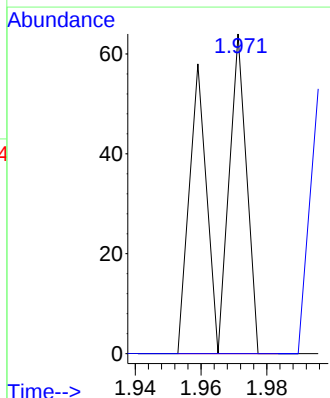
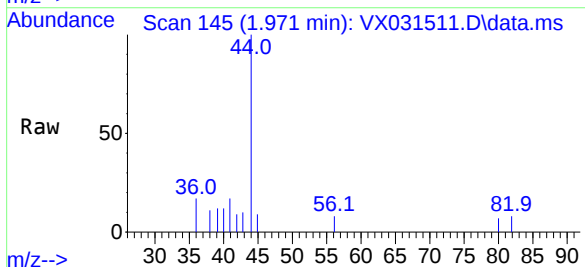
Acq: 21 Sep 2022 09:37

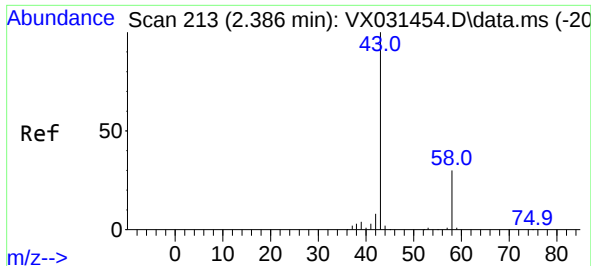
Tgt Ion: 56 Resp: 45

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

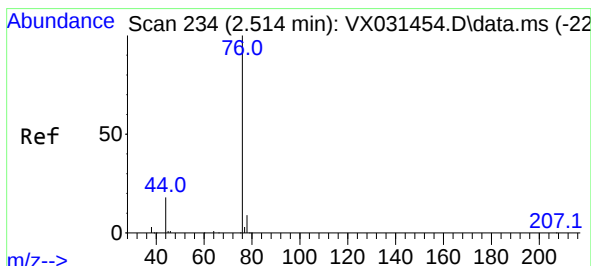
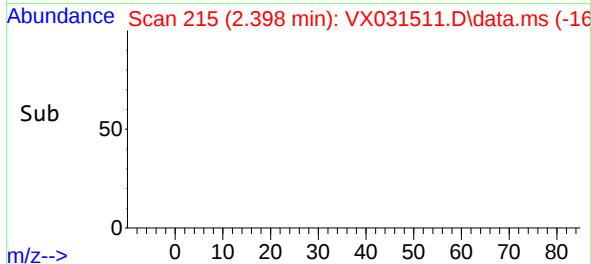
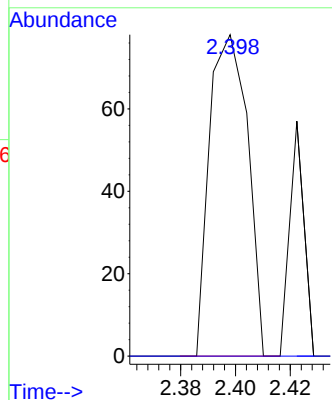
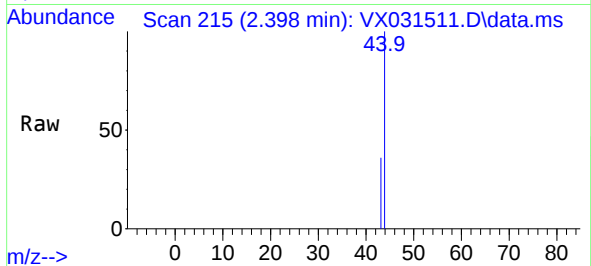




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

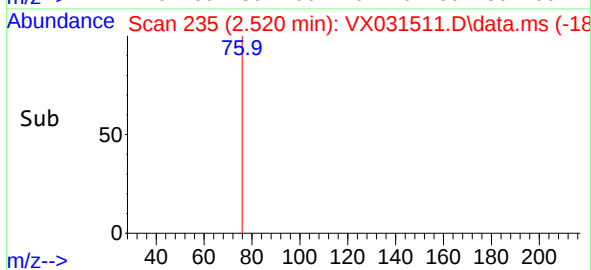
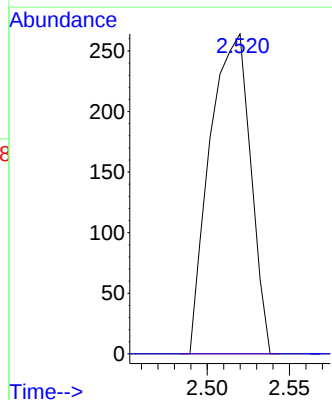
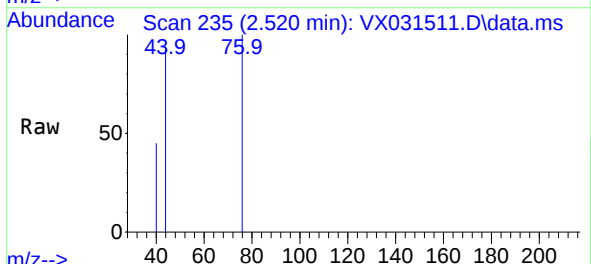
Instrument :
MSVOA_X
ClientSampleId :
VX0921MBL01

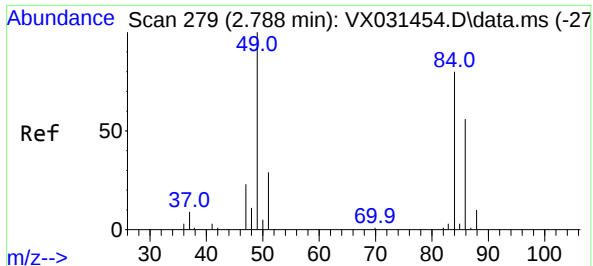
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

Tgt Ion: 76 Resp: 454
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031511.D

Acq: 21 Sep 2022 09:37

Instrument :

MSVOA_X

ClientSampleId :

VX0921MBL01

Tgt Ion: 84 Resp: 276

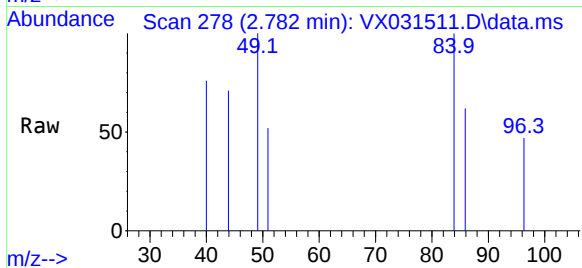
Ion Ratio Lower Upper

84 100

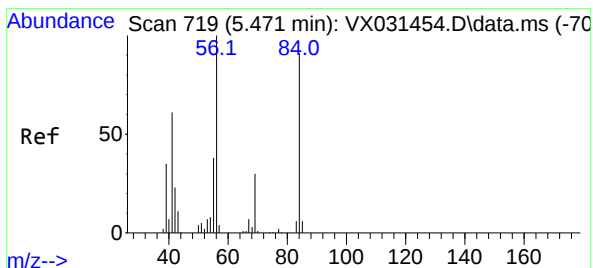
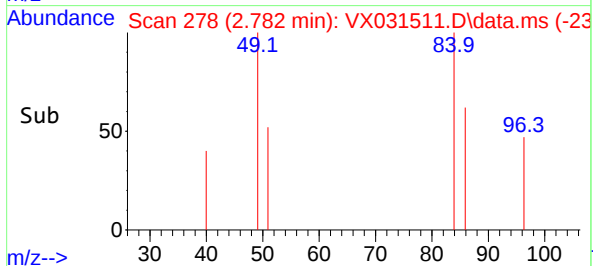
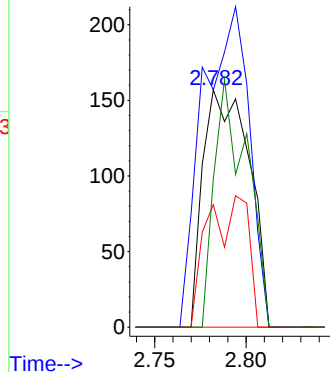
49 100.0 105.9 158.9#

51 51.6 32.2 48.2#

86 62.4 50.8 76.2



Abundance



#31

Cyclohexane

Concen: 0.864 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX031511.D

Acq: 21 Sep 2022 09:37

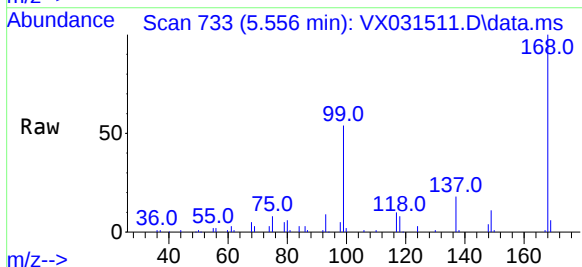
Tgt Ion: 56 Resp: 1271

Ion Ratio Lower Upper

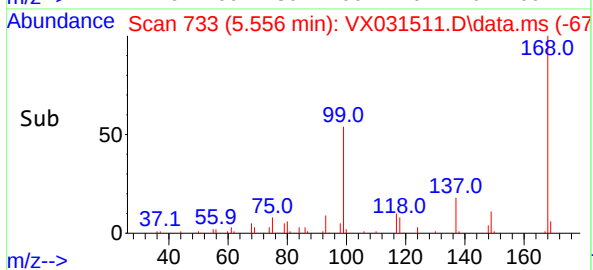
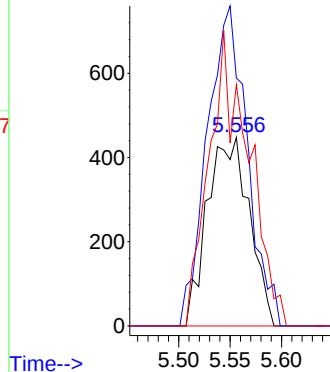
56 100

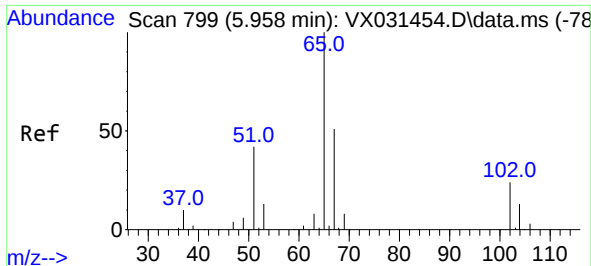
69 131.5 25.1 37.7#

84 127.9 70.2 105.4#



Abundance





#33

1,2-Dichloroethane-d4

Concen: 53.643 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031511.D

Acq: 21 Sep 2022 09:37

Instrument :

MSVOA_X

ClientSampleId :

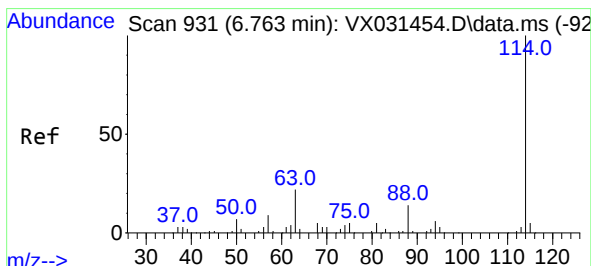
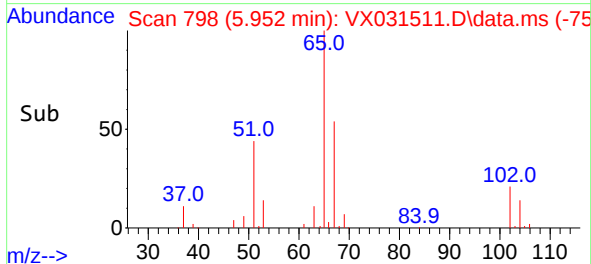
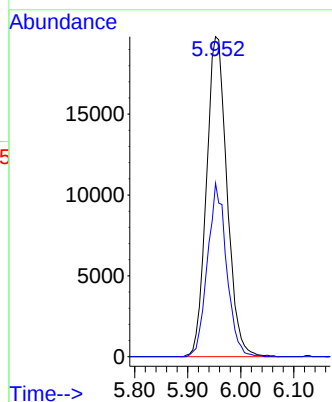
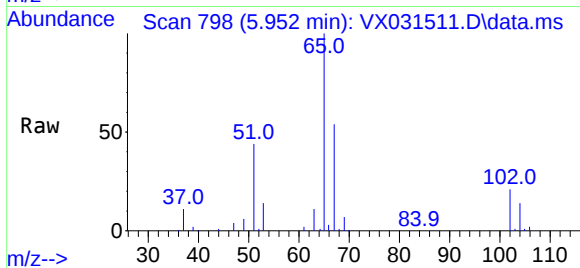
VX0921MBL01

Tgt Ion: 65 Resp: 53204

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031511.D

Acq: 21 Sep 2022 09:37

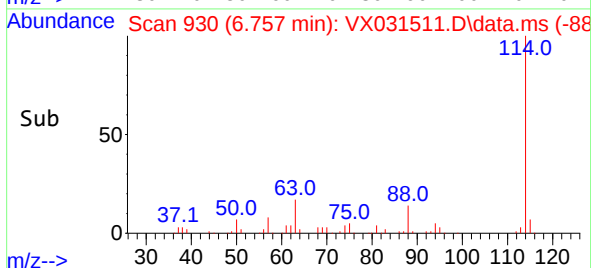
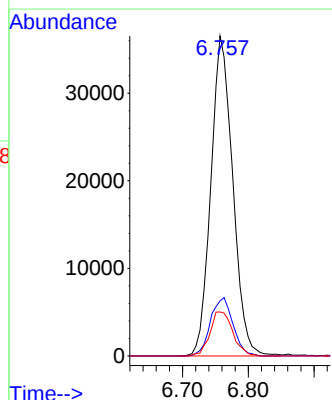
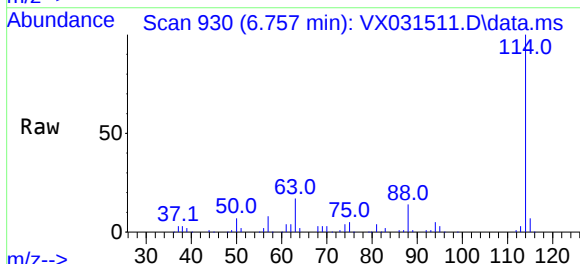
Tgt Ion: 114 Resp: 84749

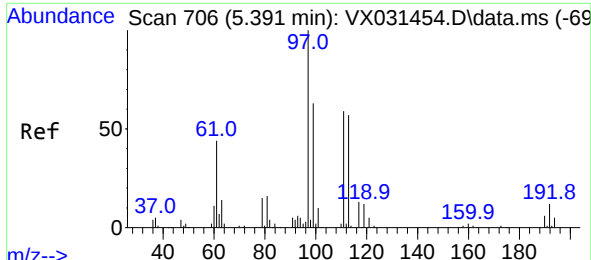
Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.6

88 13.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.464 ug/l

RT: 5.379 min Scan# 706

Delta R.T. -0.012 min

Lab File: VX031511.D

Acq: 21 Sep 2022 09:37

Instrument :

MSVOA_X

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VX0921MBL01

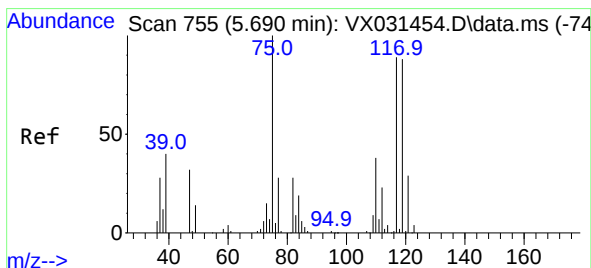
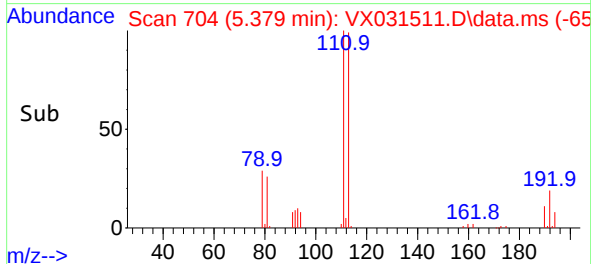
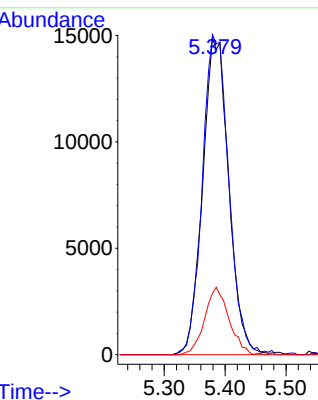
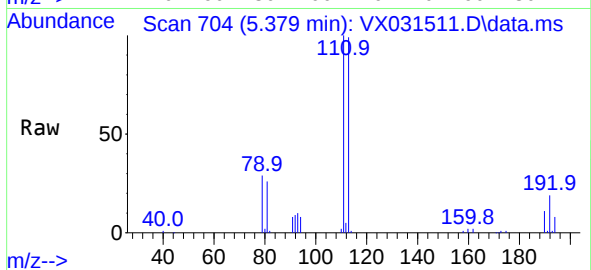
Tgt Ion:113 Resp: 44199

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 19.9 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.233 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX031511.D

Acq: 21 Sep 2022 09:37

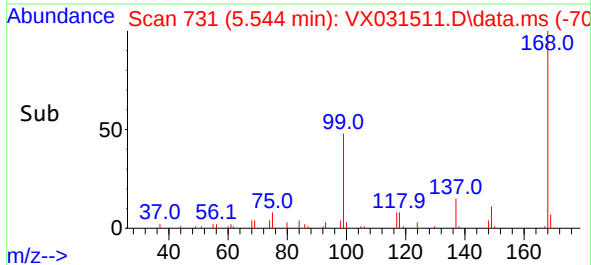
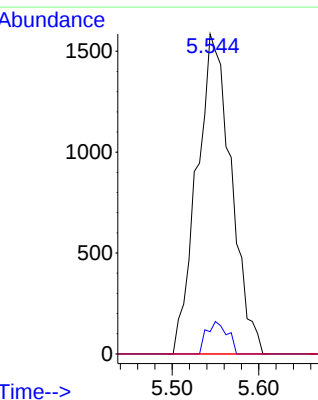
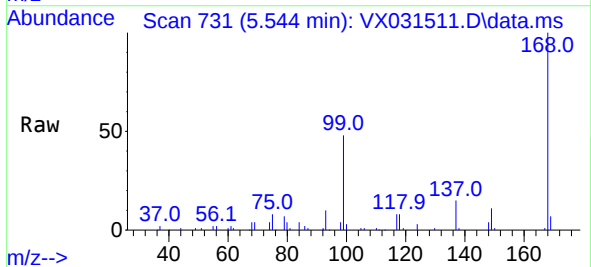
Tgt Ion: 75 Resp: 4355

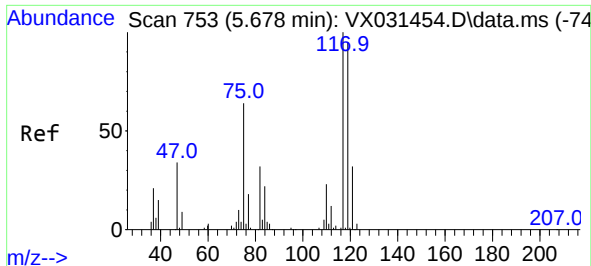
Ion Ratio Lower Upper

75 100

110 6.1 17.5 52.5#

77 0.0 24.9 37.3#

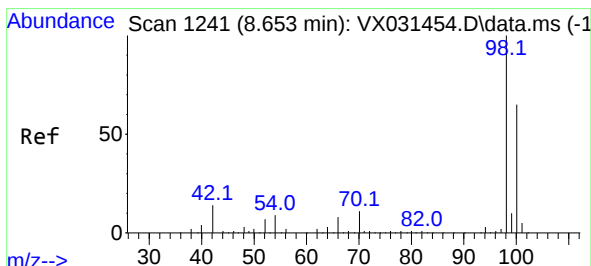
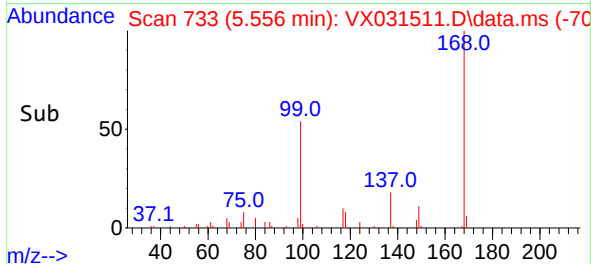
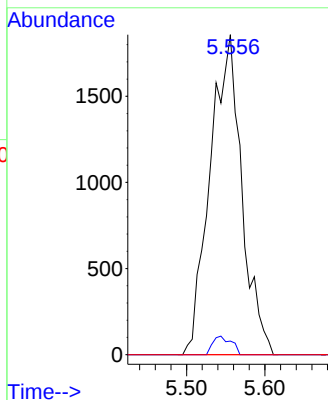
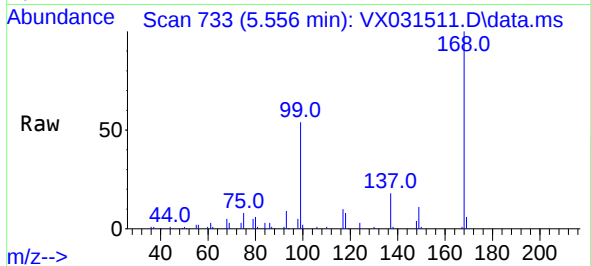




#38
Carbon Tetrachloride
Concen: 3.499 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

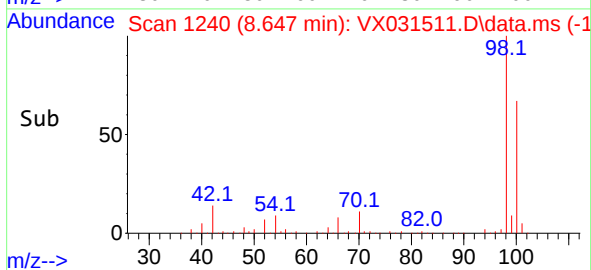
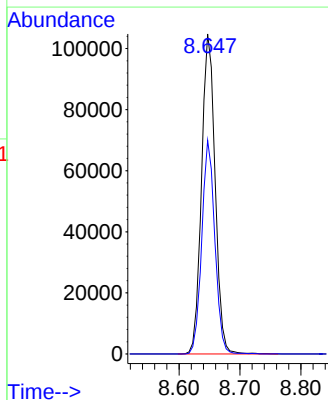
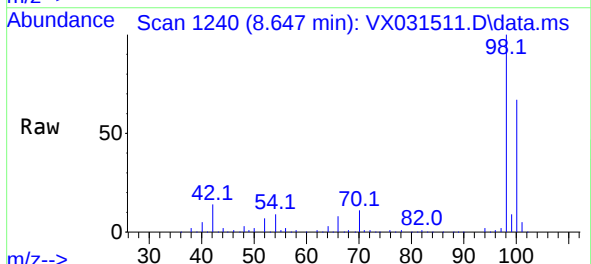
Instrument :
MSVOA_X
ClientSampleId :
VX0921MBL01

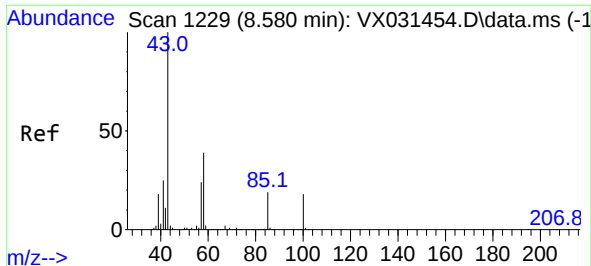
Tgt Ion:117 Resp: 5225
Ion Ratio Lower Upper
117 100
119 4.3 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.044 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

Tgt Ion: 98 Resp: 162219
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7

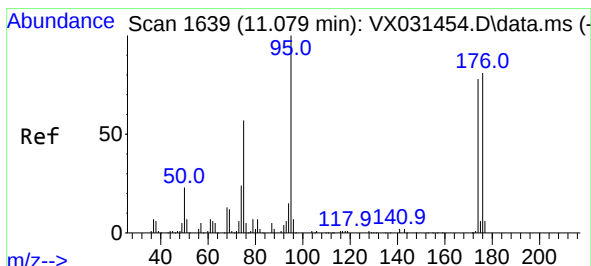
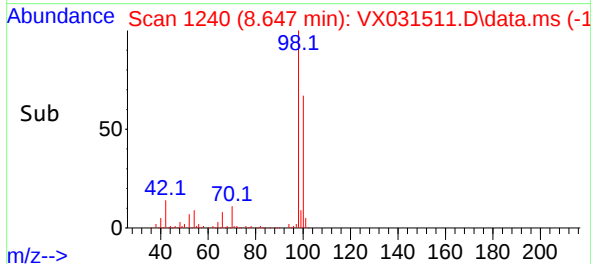
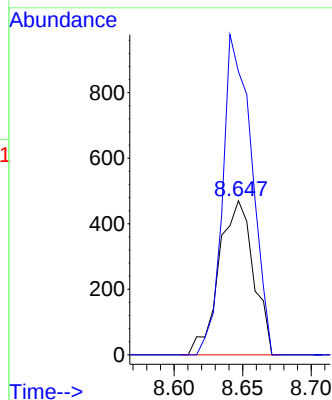
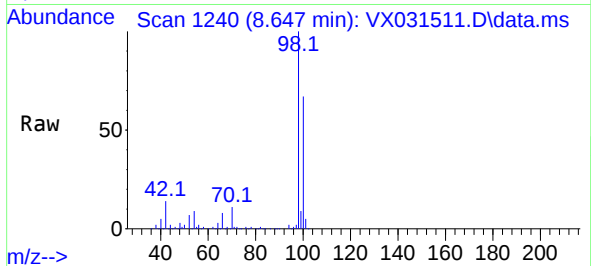




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

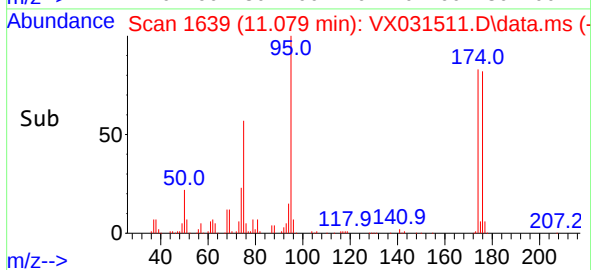
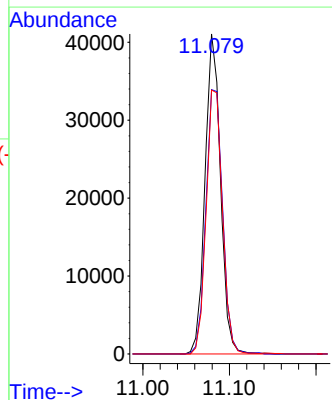
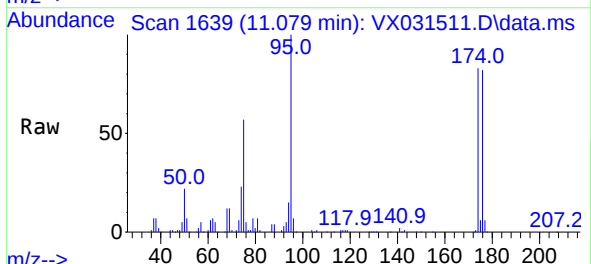
Instrument :
MSVOA_X
ClientSampleId :
VX0921MBL01

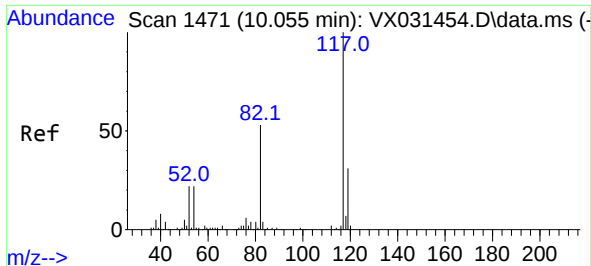
Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 174.8 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 44.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

Tgt Ion: 95 Resp: 50814
Ion Ratio Lower Upper
95 100
174 89.3 0.0 153.2
176 86.9 0.0 144.0

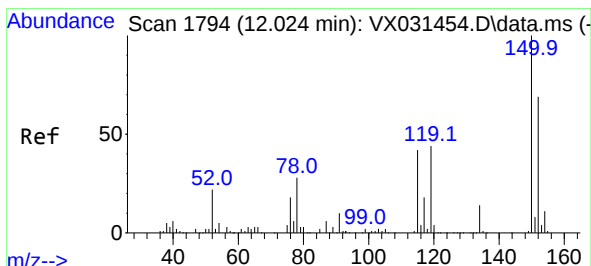
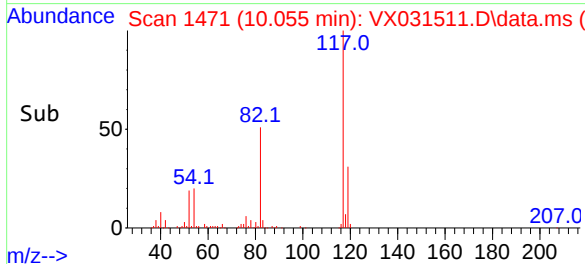
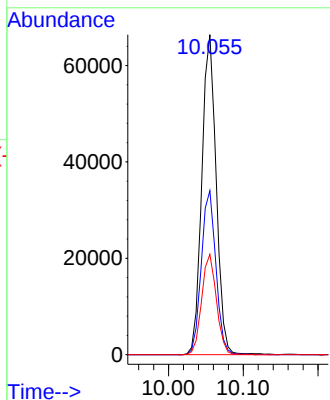
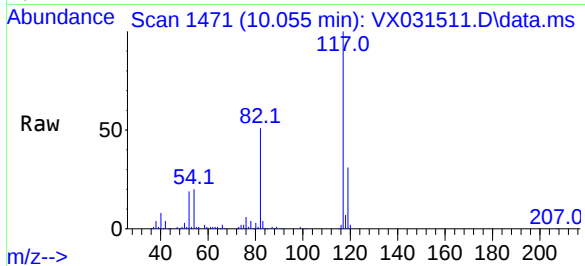




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

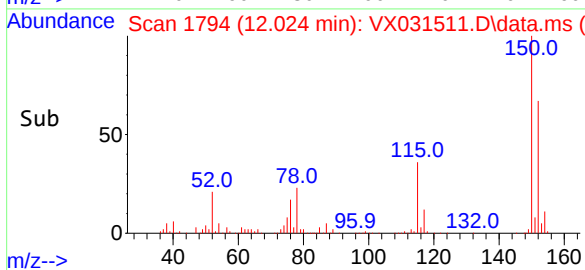
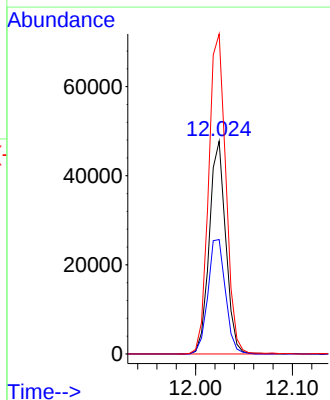
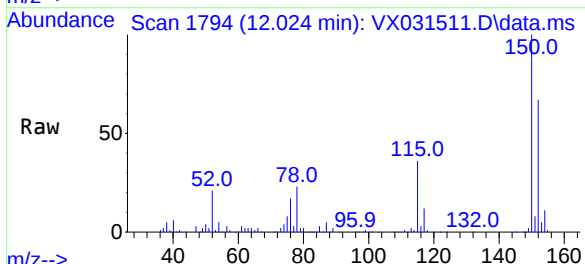
Instrument :
MSVOA_X
ClientSampleId :
VX0921MBL01

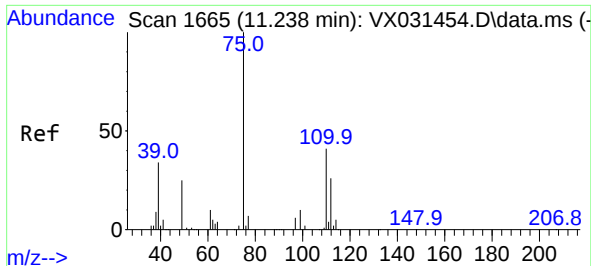
Tgt Ion:117 Resp: 88879
Ion Ratio Lower Upper
117 100
82 51.3 46.8 70.2
119 31.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

Tgt Ion:152 Resp: 56610
Ion Ratio Lower Upper
152 100
115 57.4 43.4 130.1
150 157.6 0.0 346.8

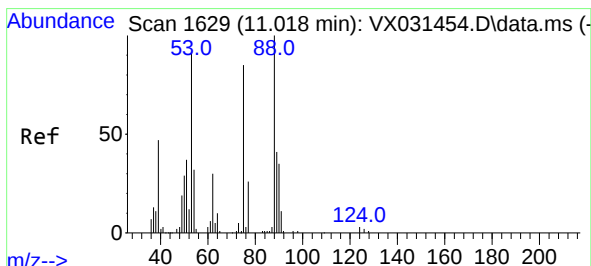
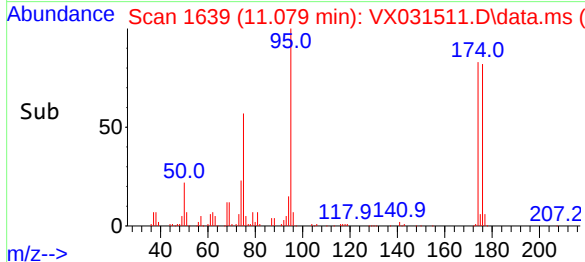
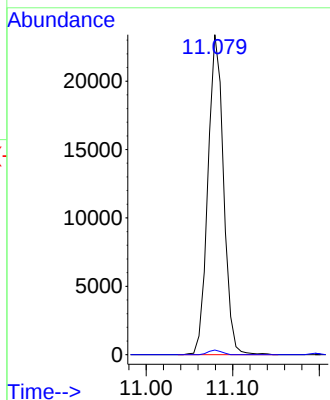
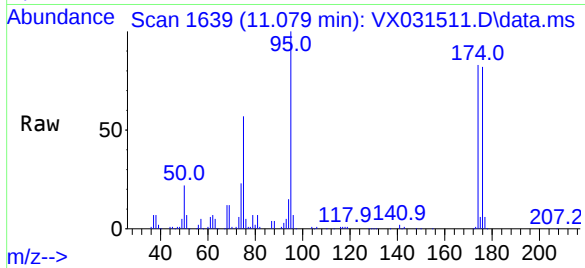




#76
1,2,3-Trichloropropane
Concen: 23.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

Instrument :
MSVOA_X
ClientSampleId :
VX0921MBL01

Tgt Ion: 75 Resp: 29317
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031511.D
Acq: 21 Sep 2022 09:37

Tgt Ion: 75 Resp: 29317
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

