

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031512.D
 Acq On : 21 Sep 2022 10:00
 Operator : JC/MD
 Sample : VX0921WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 01:10:55 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)

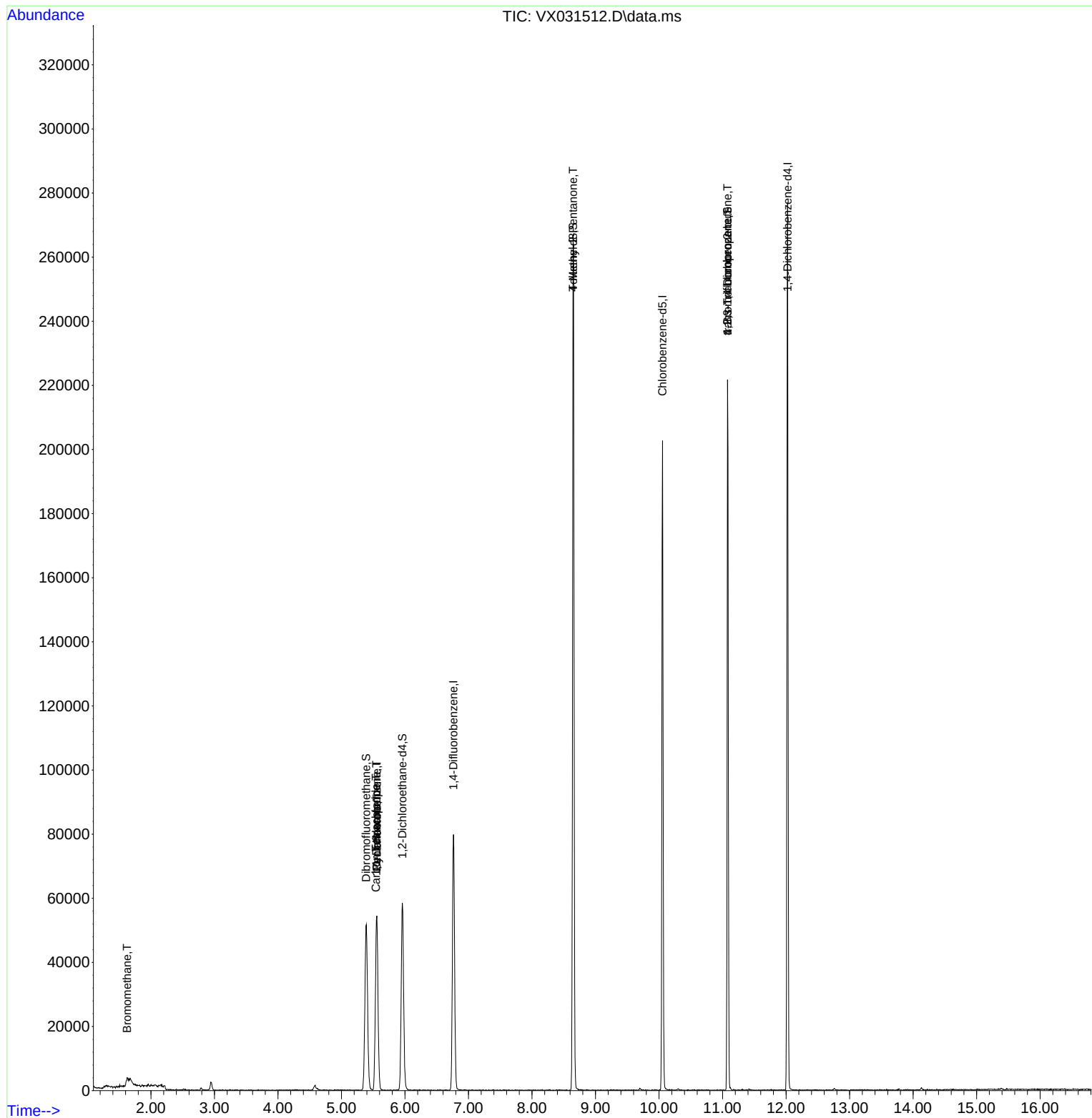
Internal Standards						
1) Pentafluorobenzene	5.556	168	52634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	83167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51516	53.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.680%	
35) Dibromofluoromethane	5.385	113	43328	50.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	8.647	98	159017	47.991	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.980%	
62) 4-Bromofluorobenzene	11.079	95	50486	44.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	523	0.321	ug/l	85
6) Chloroethane	1.685	64	155	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	1380	Below Cal	#	73
16) Acetone	2.398	43	89	Below Cal	#	76
20) Methylene Chloride	2.788	84	258	Below Cal	#	80
31) Cyclohexane	5.556	56	1308	0.914	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	4114	3.112	ug/l #	48
38) Carbon Tetrachloride	5.544	117	5299	3.616	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	740	0.475	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	59	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.079	75	28541	22.864	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	28541	73.619	ug/l #	11
94) Hexachlorobutadiene	13.731	225	55	Below Cal	#	19

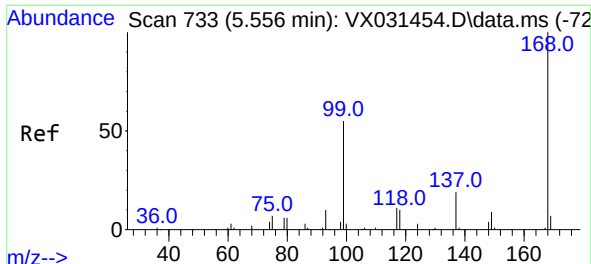
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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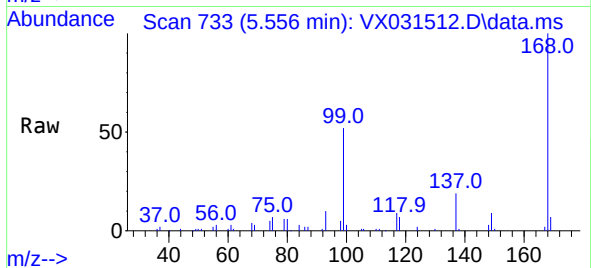
Quant Time: Sep 22 01:10:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
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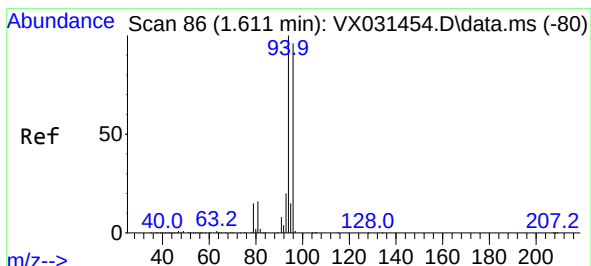
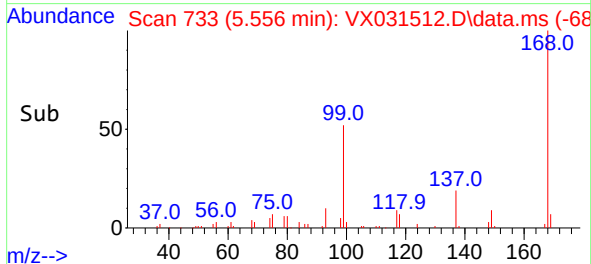
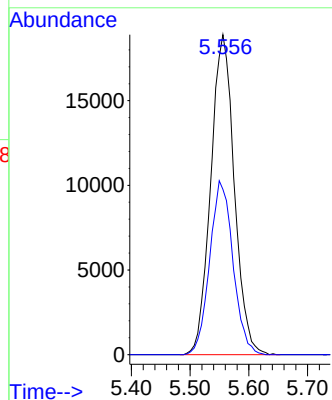


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :

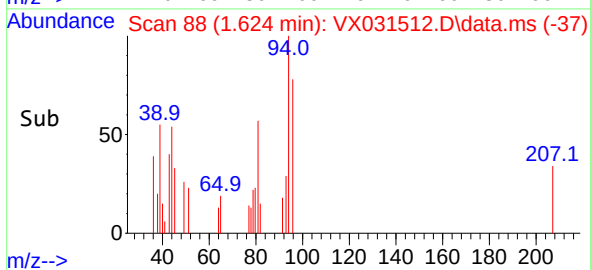
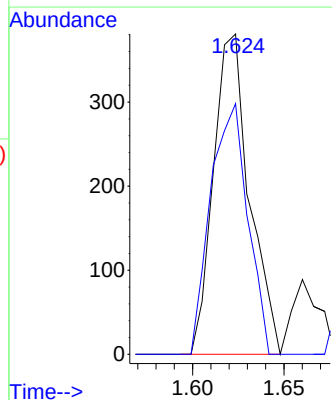
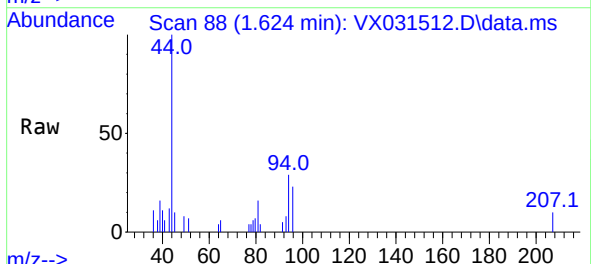


Tgt Ion:168 Resp: 52634
Ion Ratio Lower Upper
168 100
99 51.7 48.8 73.2

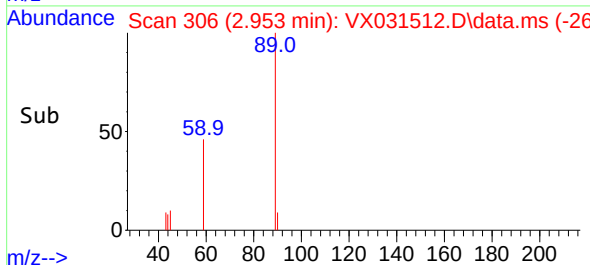
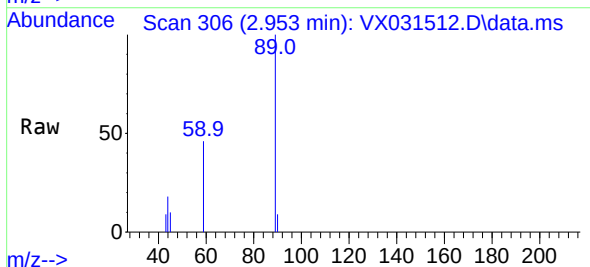
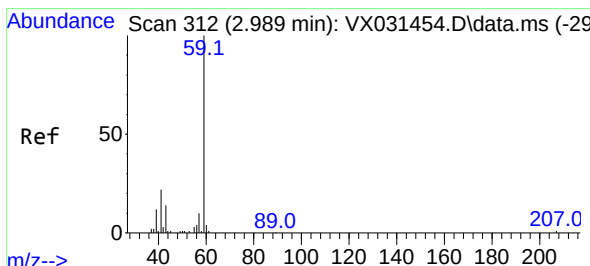
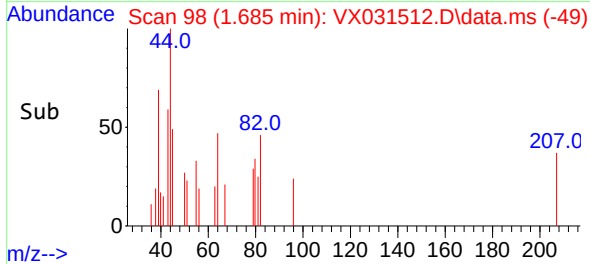
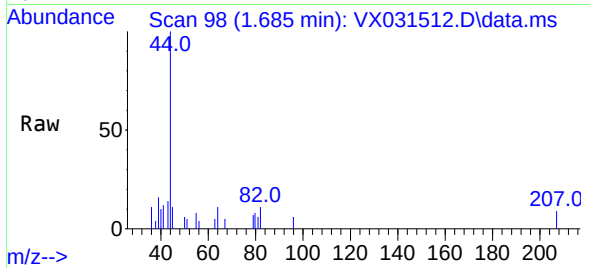
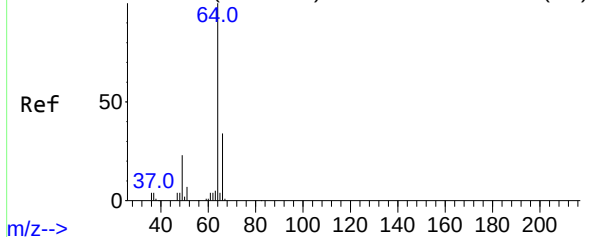


#5
Bromomethane
Concen: 0.321 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 78.2 74.4 111.6



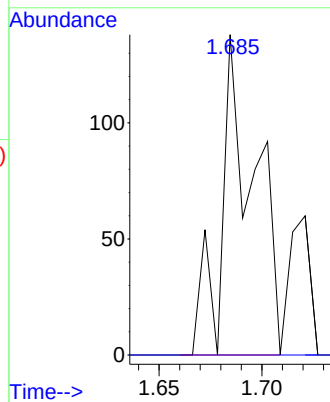
Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

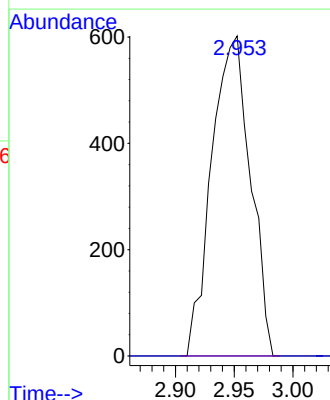
Instrument :
MSVOA_X
ClientSampleId :

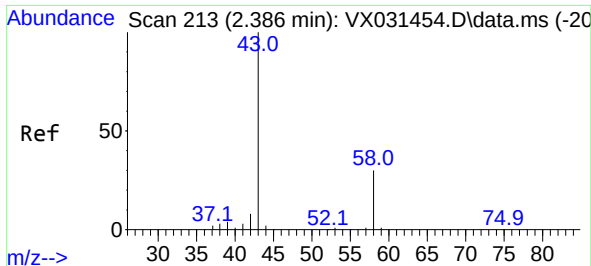
Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

Tgt Ion: 59 Resp: 1380
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

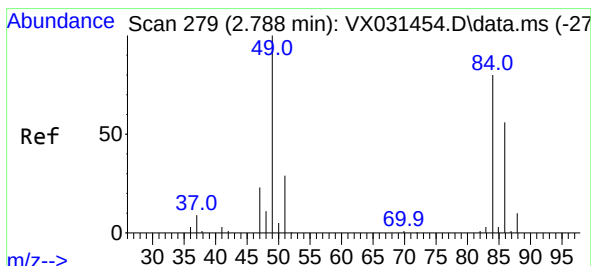
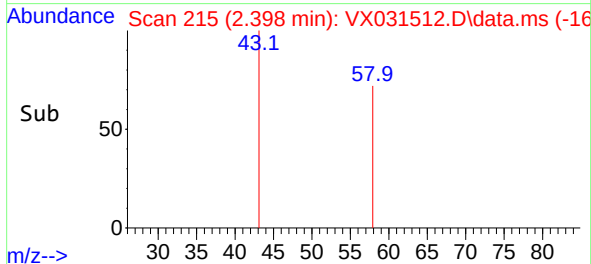
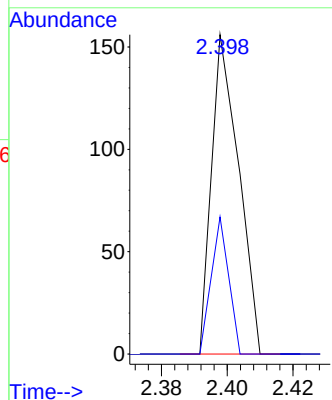
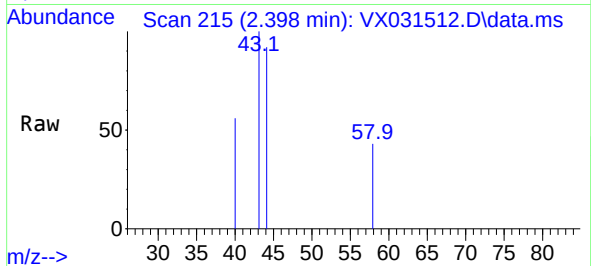




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

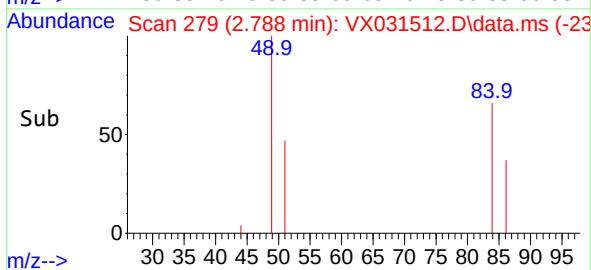
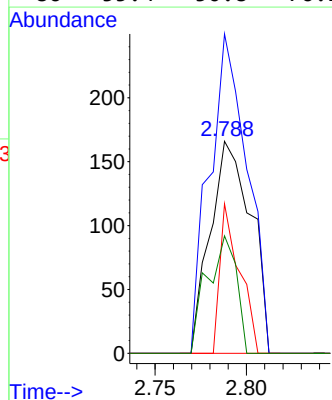
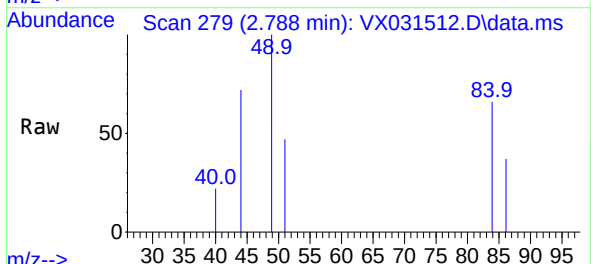
Instrument :
MSVOA_X
ClientSampleId :

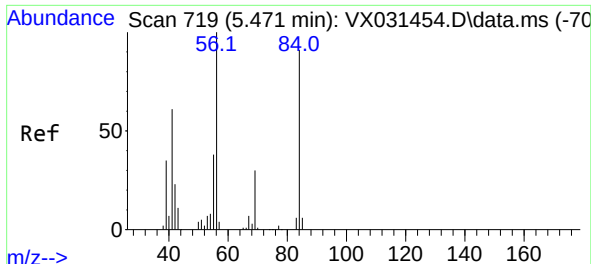
Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
58 42.9 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

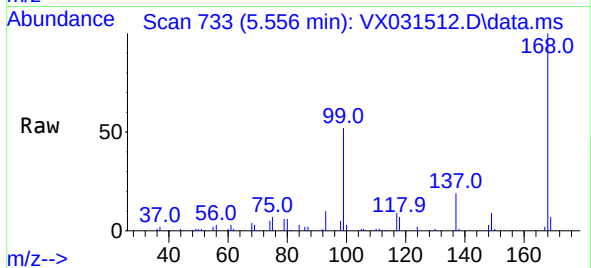
Tgt Ion: 84 Resp: 258
Ion Ratio Lower Upper
84 100
49 150.6 105.9 158.9
51 70.5 32.2 48.2#
86 55.4 50.8 76.2



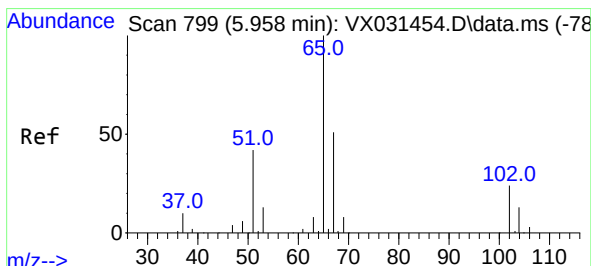
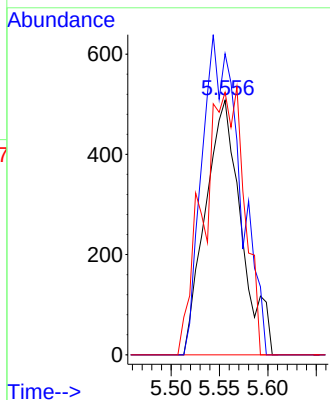
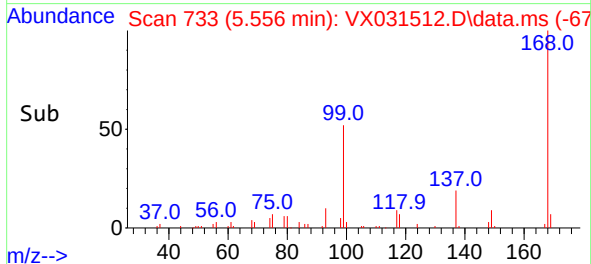


#31
Cyclohexane
Concen: 0.914 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

Instrument :
MSVOA_X
ClientSampleId :

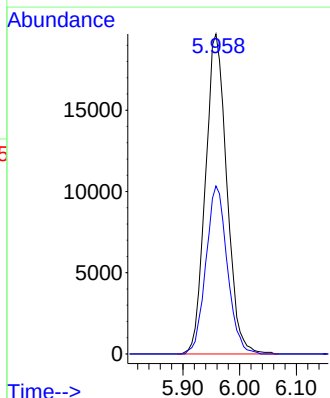
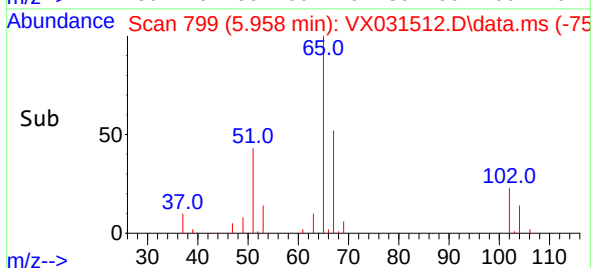
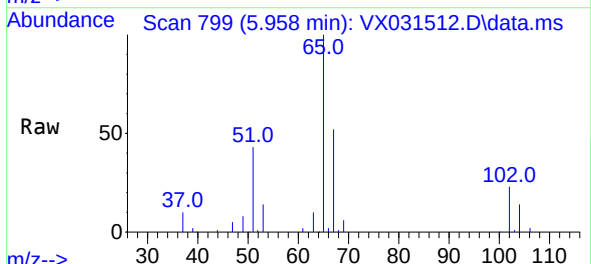


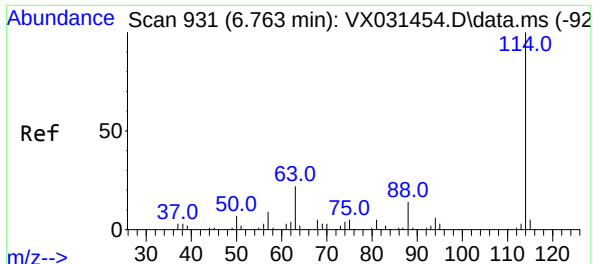
Tgt Ion: 56 Resp: 1308
Ion Ratio Lower Upper
56 100
69 118.3 25.1 37.7#
84 103.1 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 53.342 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

Tgt Ion: 65 Resp: 51516
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX031512.D

Acq: 21 Sep 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :

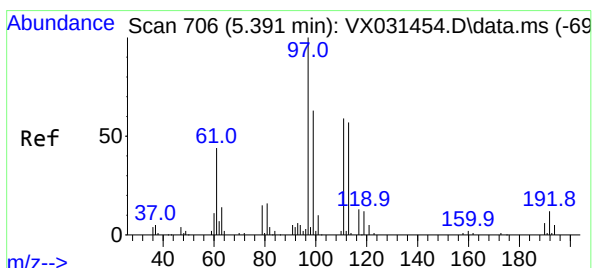
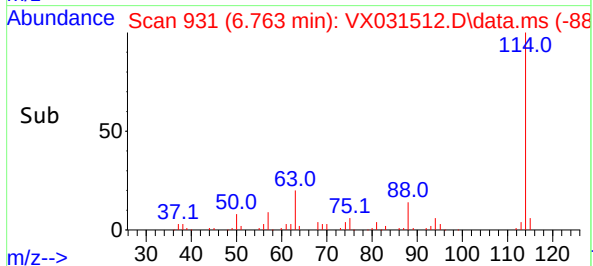
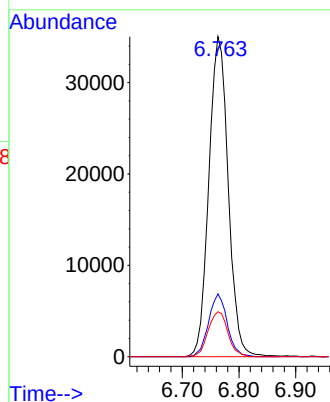
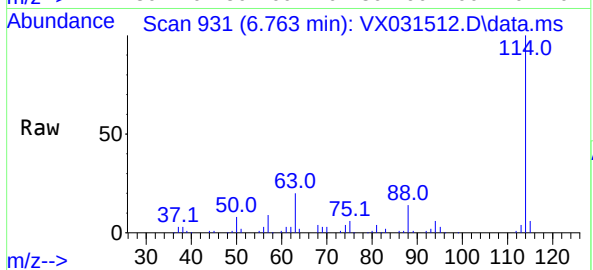
Tgt Ion:114 Resp: 83167

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 14.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 50.410 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031512.D

Acq: 21 Sep 2022 10:00

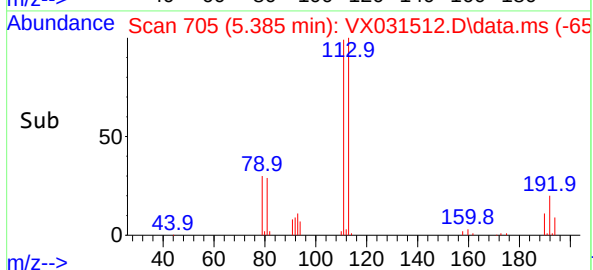
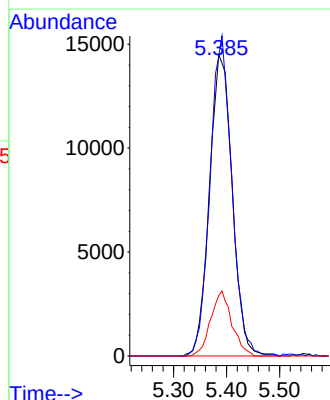
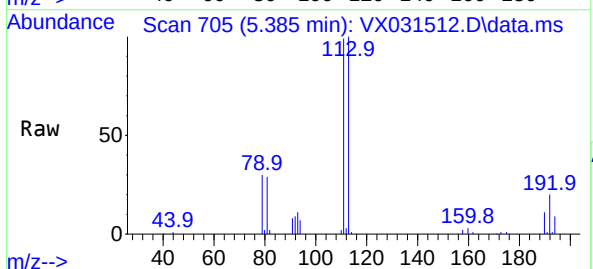
Tgt Ion:113 Resp: 43328

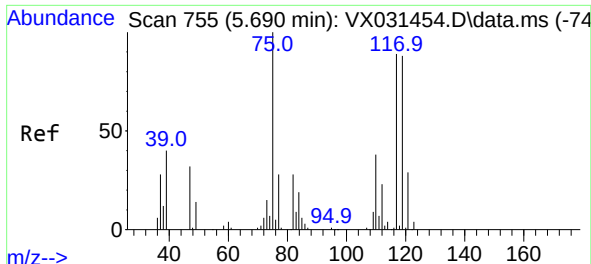
Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

192 20.0 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.112 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

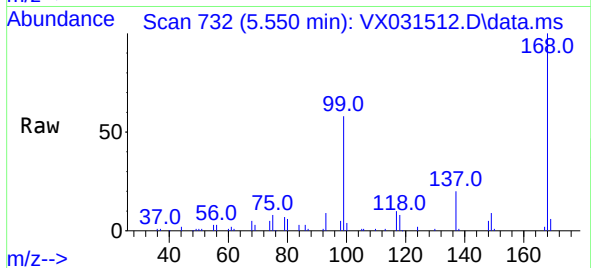
Lab File: VX031512.D

Acq: 21 Sep 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :



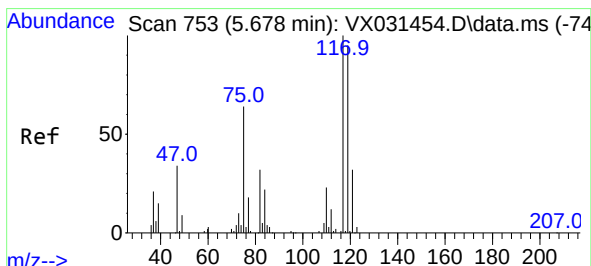
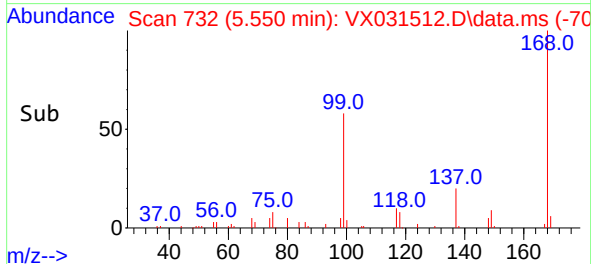
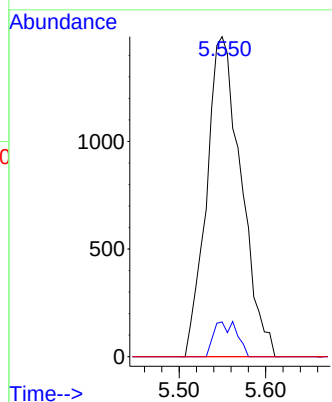
Tgt Ion: 75 Resp: 4114

Ion Ratio Lower Upper

75 100

110 7.3 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.616 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX031512.D

Acq: 21 Sep 2022 10:00

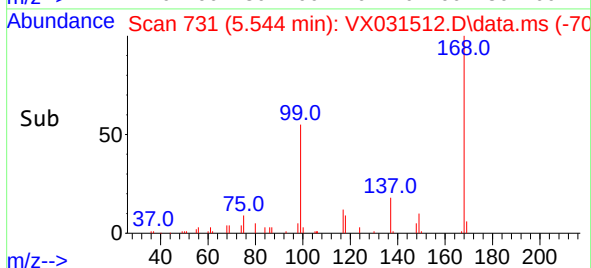
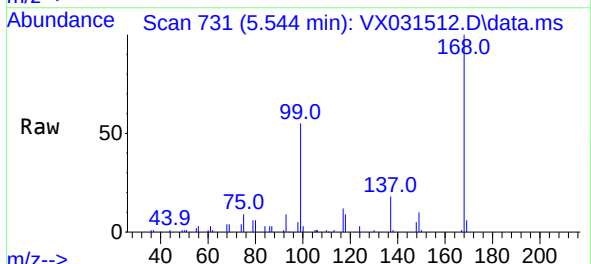
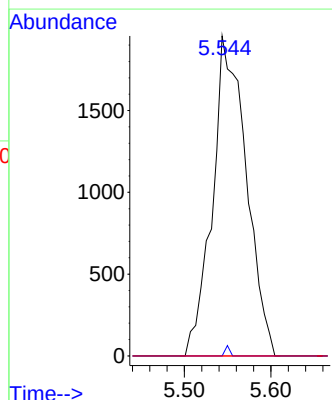
Tgt Ion: 117 Resp: 5299

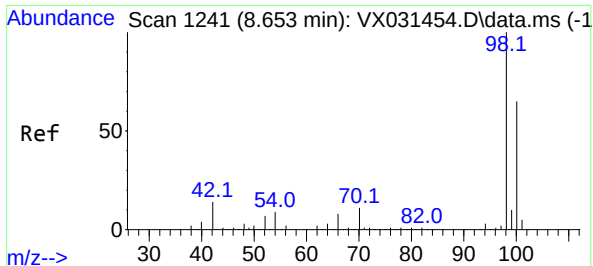
Ion Ratio Lower Upper

117 100

119 0.0 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 47.991 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031512.D

Acq: 21 Sep 2022 10:00

Instrument :

MSVOA_X

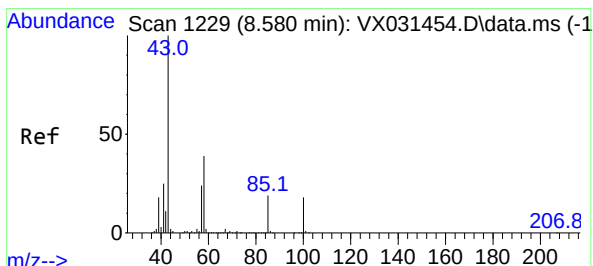
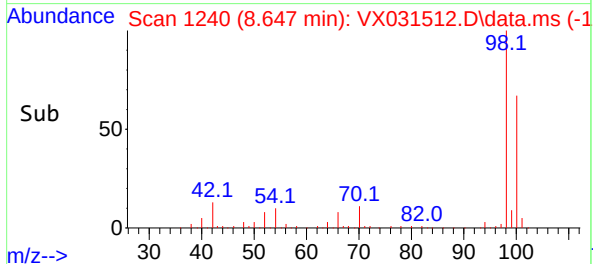
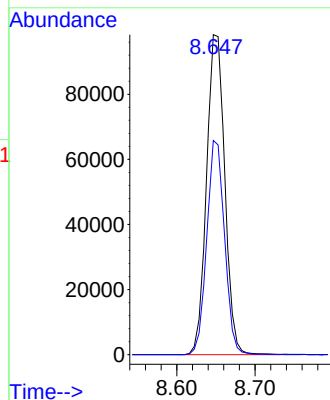
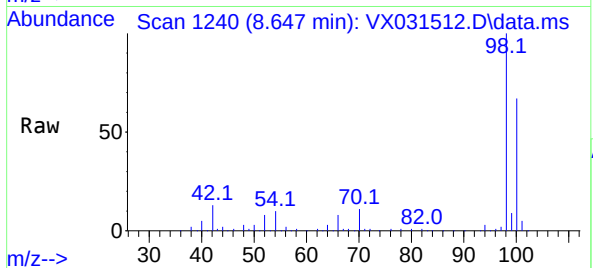
ClientSampleId :

Tgt Ion: 98 Resp: 159017

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.475 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031512.D

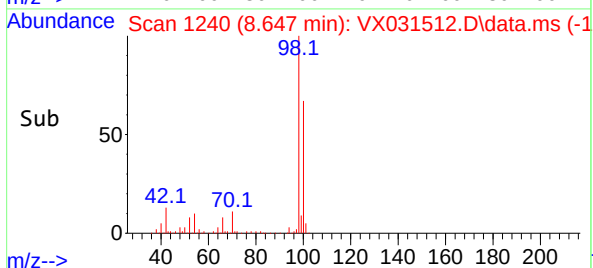
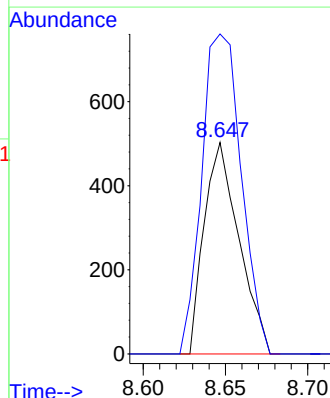
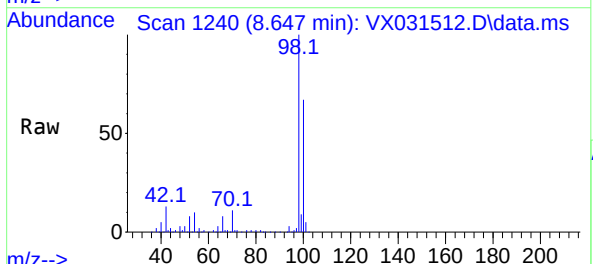
Acq: 21 Sep 2022 10:00

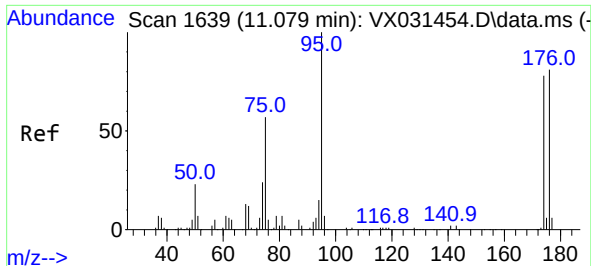
Tgt Ion: 43 Resp: 740

Ion Ratio Lower Upper

43 100

58 172.2 30.6 46.0#

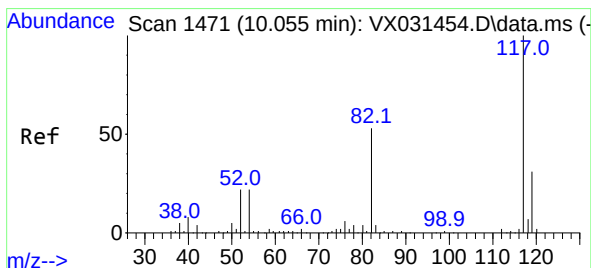
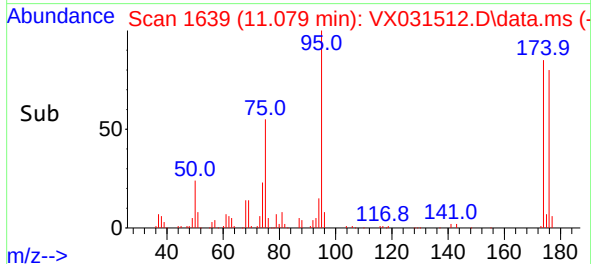
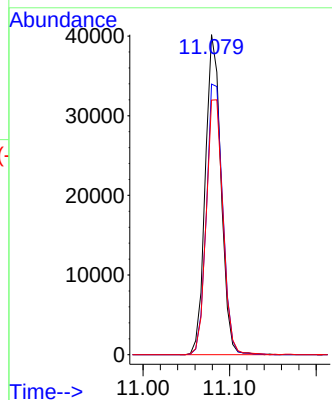
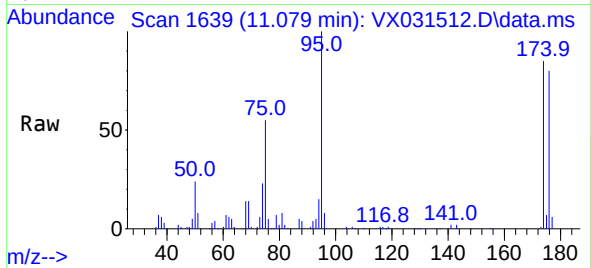




#62
4-Bromofluorobenzene
Concen: 44.982 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

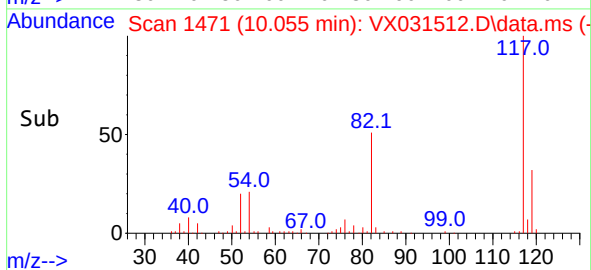
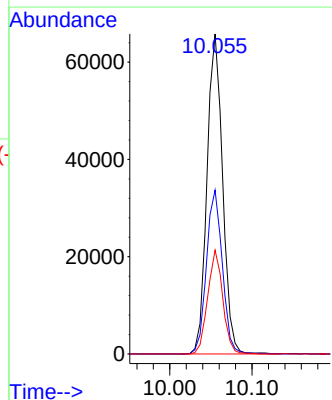
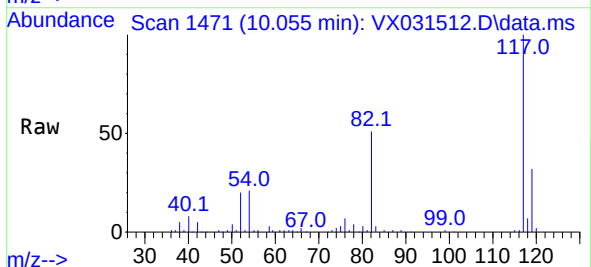
Instrument :
MSVOA_X
ClientSampleId :

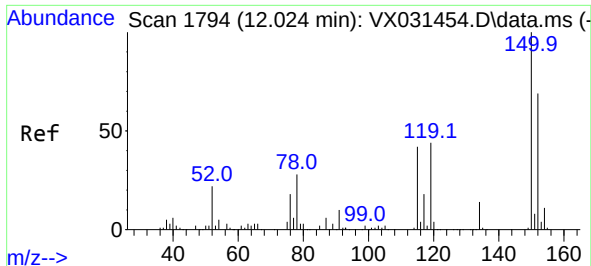
Tgt Ion: 95 Resp: 50486
Ion Ratio Lower Upper
95 100
174 87.9 0.0 153.2
176 85.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

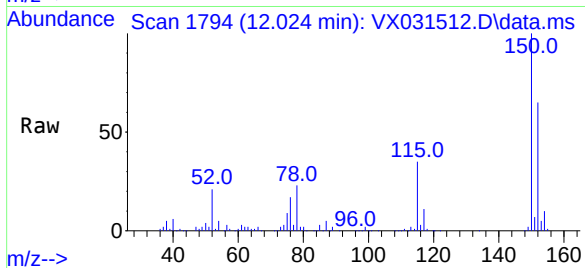
Tgt Ion: 117 Resp: 86864
Ion Ratio Lower Upper
117 100
82 51.2 46.8 70.2
119 32.5 26.4 39.6



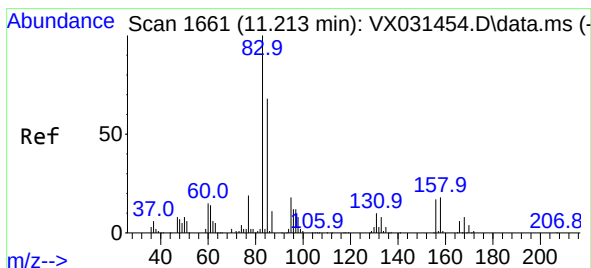
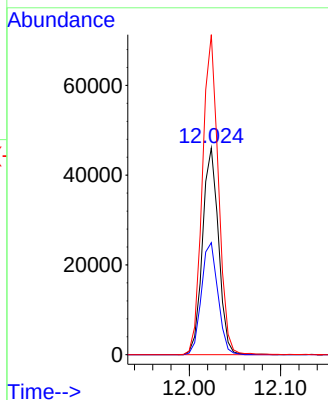
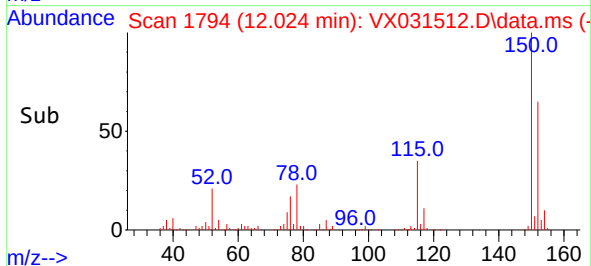


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

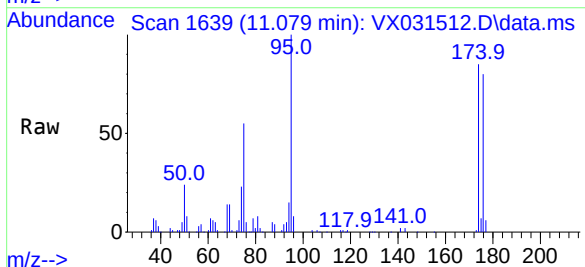
Instrument :
MSVOA_X
ClientSampleId :



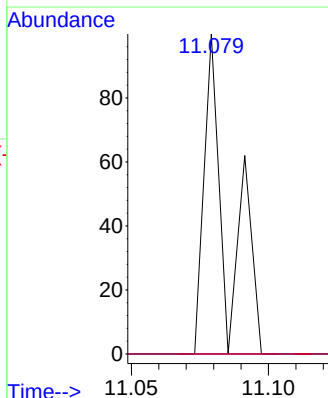
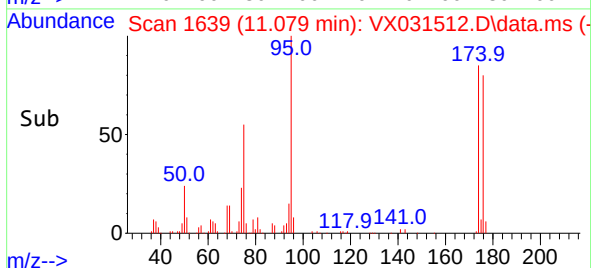
Tgt Ion:152 Resp: 55930
Ion Ratio Lower Upper
152 100
115 55.8 43.4 130.1
150 154.6 0.0 346.8

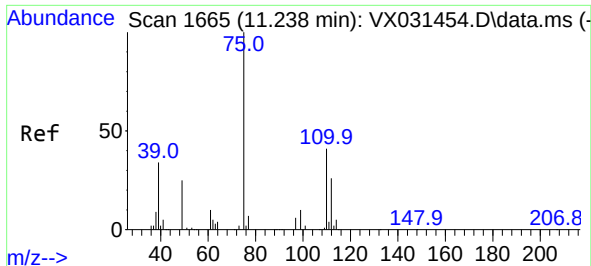


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00



Tgt Ion: 83 Resp: 59
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 0.0 32.6 97.8#

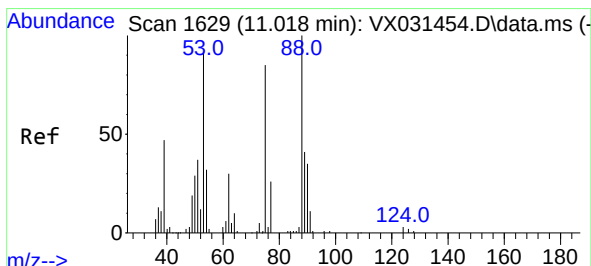
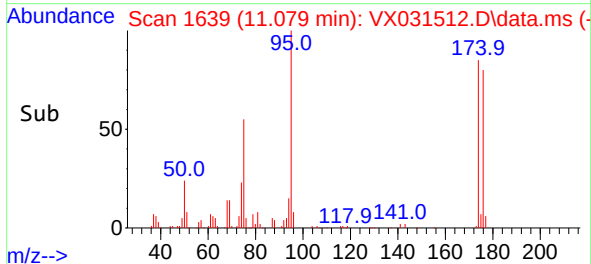
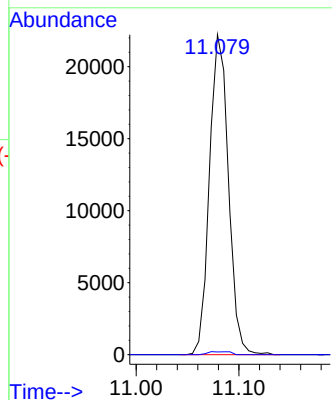
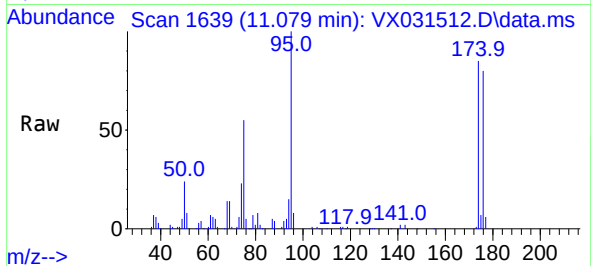




#76
1,2,3-Trichloropropane
Concen: 22.864 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

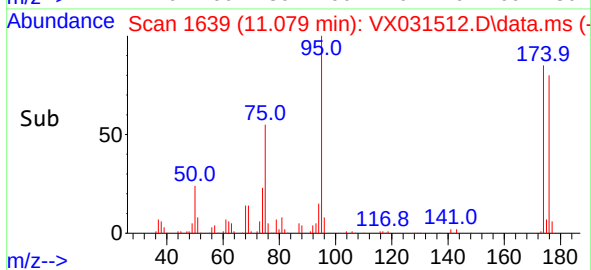
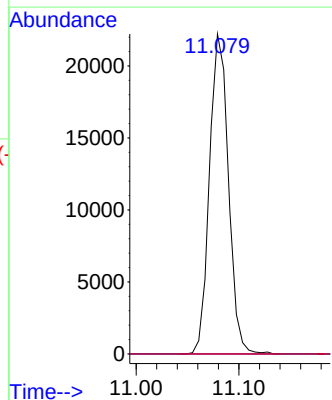
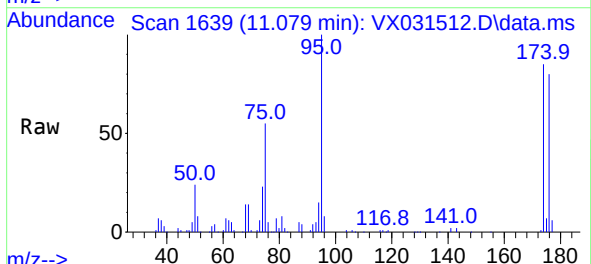
Instrument :
MSVOA_X
ClientSampleId :

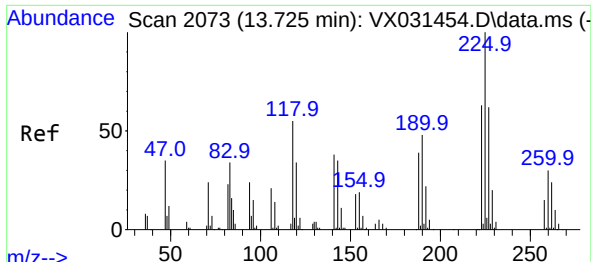
Tgt Ion: 75 Resp: 28541
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031512.D
Acq: 21 Sep 2022 10:00

Tgt Ion: 75 Resp: 28541
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 13.731 min Scan# 20

Delta R.T. 0.006 min

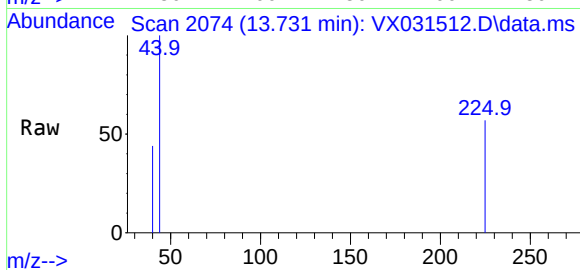
Lab File: VX031512.D

Acq: 21 Sep 2022 10:00

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:225 Resp: 55

Ion Ratio Lower Upper

225 100

223 0.0 30.8 92.4#

227 0.0 32.3 96.9#

