

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031515.D
 Acq On : 21 Sep 2022 11:24
 Operator : JC/MD
 Sample : N4583-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 01:11:48 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)

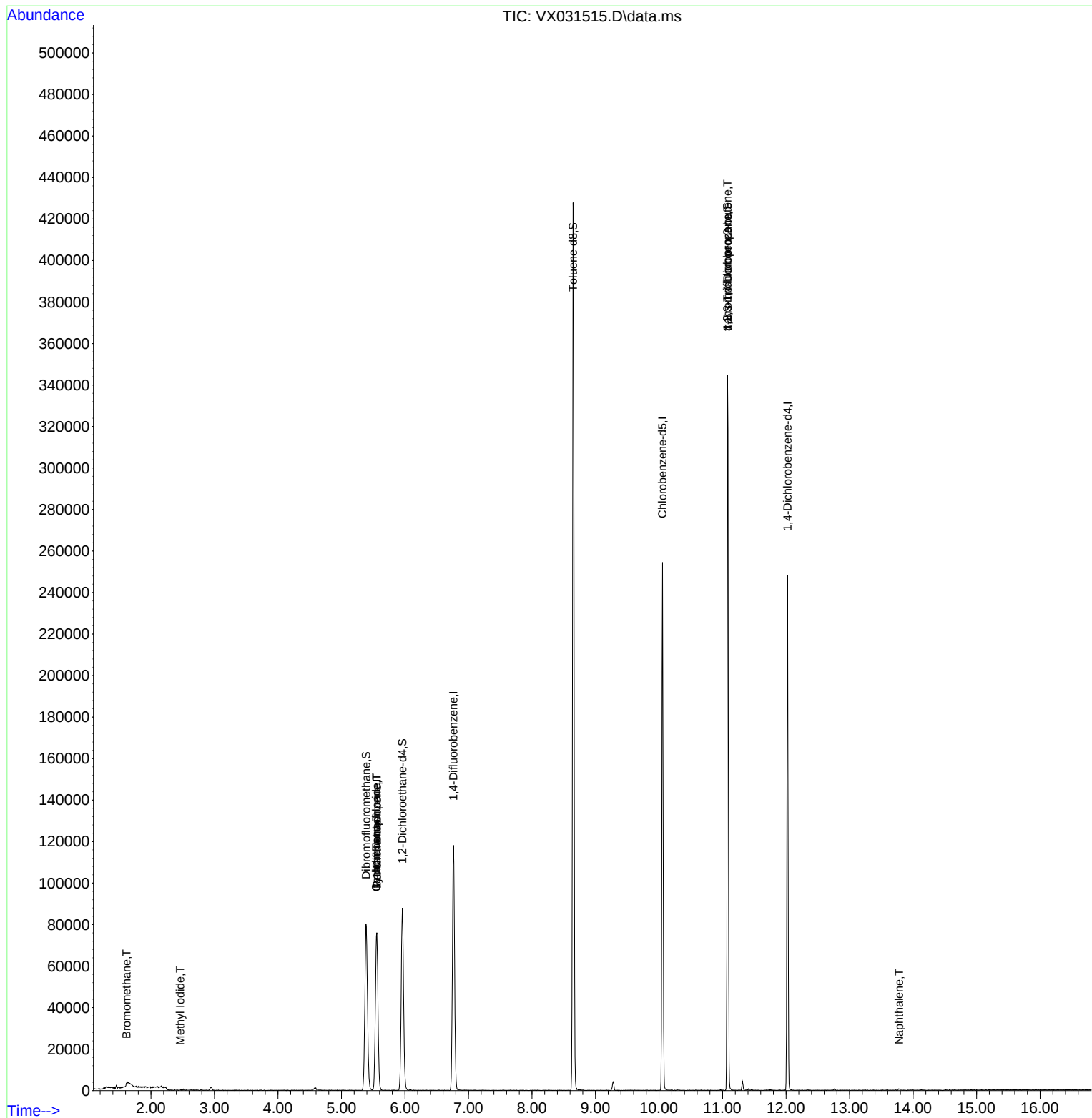
Internal Standards						
1) Pentafluorobenzene	5.556	168	74390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76700	56.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.500%			
35) Dibromofluoromethane	5.385	113	65507	52.542	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	8.646	98	252151	52.432	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.860%			
62) 4-Bromofluorobenzene	11.079	95	77100	47.330	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.660%			
Target Compounds						Qvalue
5) Bromomethane	1.617	94	462	0.201	ug/l	88
6) Chloroethane	1.666	64	114	Below Cal	#	43
10) Methyl Iodide	2.459	142	376	0.324	ug/l #	90
11) Tert butyl alcohol	2.946	59	991	Below Cal	#	73
13) Acrolein	2.007	56	21	Below Cal	#	15
16) Acetone	2.398	43	640	Below Cal	#	79
20) Methylene Chloride	2.788	84	171	Below Cal	#	55
31) Cyclohexane	5.549	56	1726	0.853	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	5874	3.061	ug/l #	50
38) Carbon Tetrachloride	5.549	117	7095	3.336	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	11.079	83	128	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	44871	41.038	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	44871	132.136	ug/l #	11
94) Hexachlorobutadiene	13.719	225	30	Below Cal	#	1
95) Naphthalene	13.780	128	783	0.223	ug/l #	72

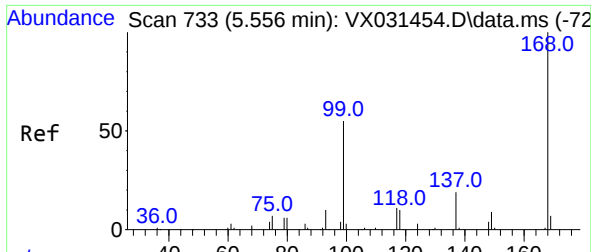
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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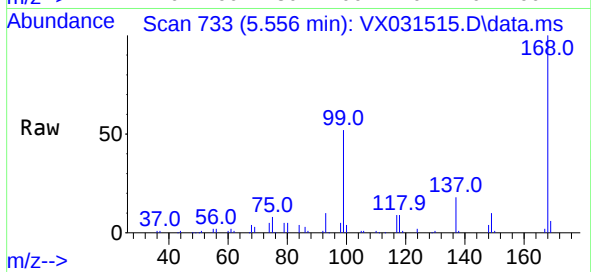
Quant Time: Sep 22 01:11:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



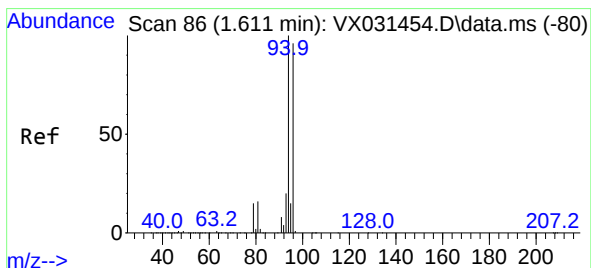
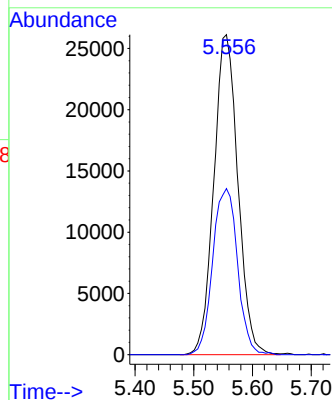
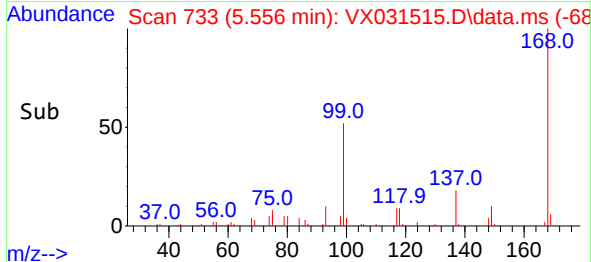


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :

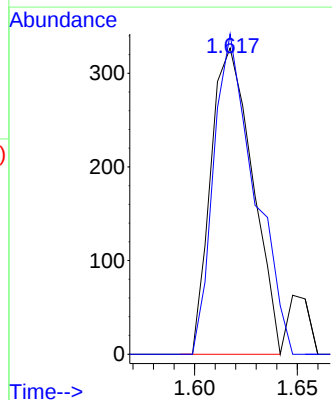
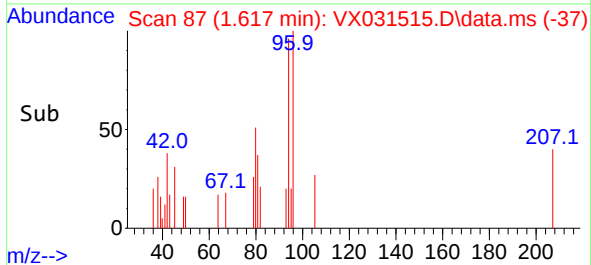
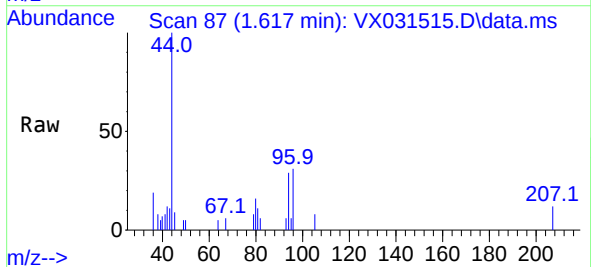


Tgt Ion:168 Resp: 74390
Ion Ratio Lower Upper
168 100
99 51.9 48.8 73.2

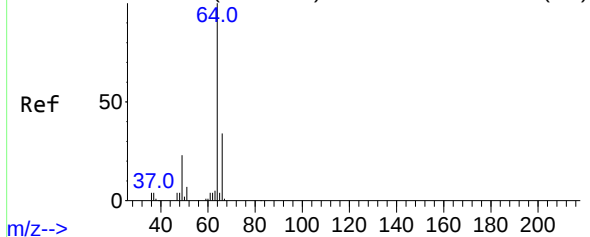


#5
Bromomethane
Concen: 0.201 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 104.6 74.4 111.6



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

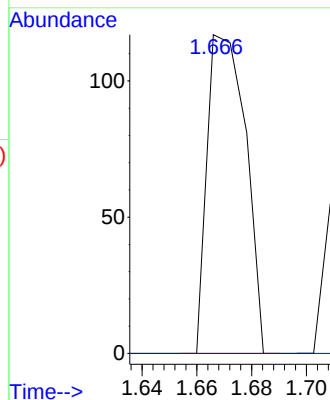
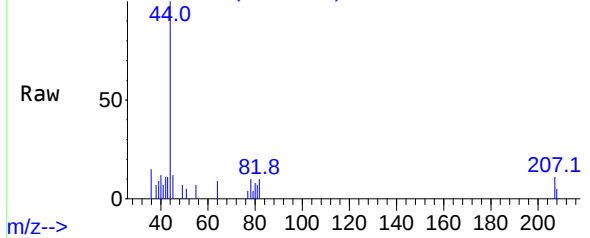


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

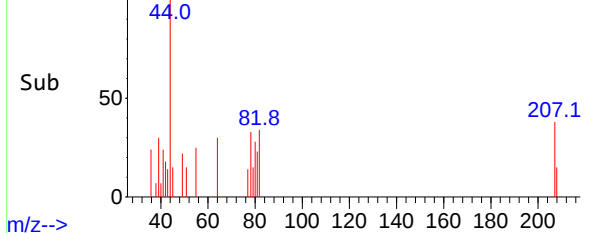
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 114
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

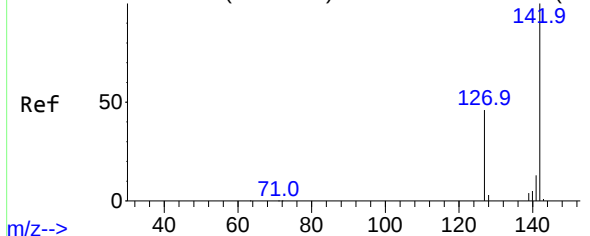
Abundance Scan 95 (1.666 min): VX031515.D\data.ms



Abundance Scan 95 (1.666 min): VX031515.D\data.ms (-49)



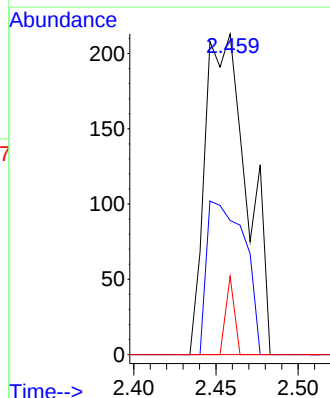
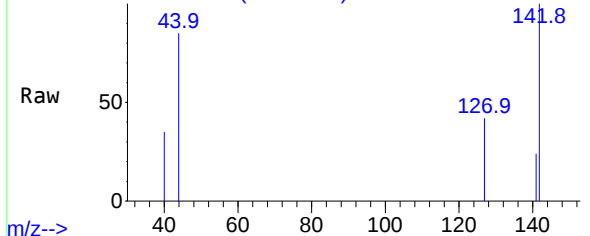
Abundance Scan 224 (2.453 min): VX031454.D\data.ms (-21)



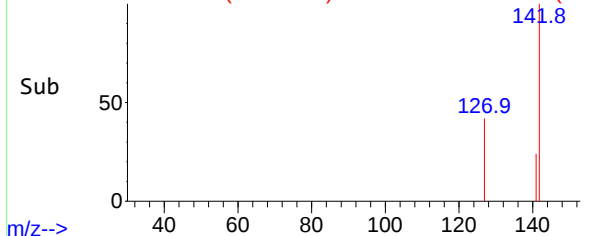
#10
Methyl Iodide
Concen: 0.324 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

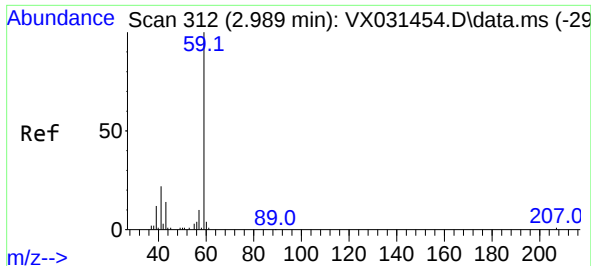
Tgt Ion: 142 Resp: 376
Ion Ratio Lower Upper
142 100
127 43.1 37.4 56.0
141 5.1 11.6 17.4#

Abundance Scan 225 (2.459 min): VX031515.D\data.ms



Abundance Scan 225 (2.459 min): VX031515.D\data.ms (-17)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 30

Delta R.T. -0.043 min

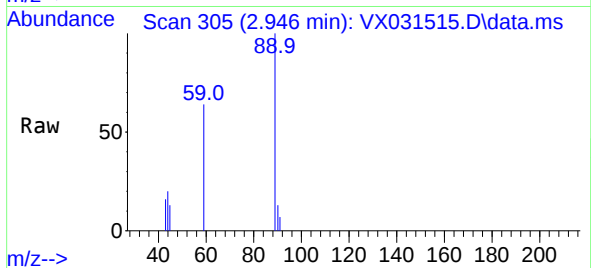
Lab File: VX031515.D

Acq: 21 Sep 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

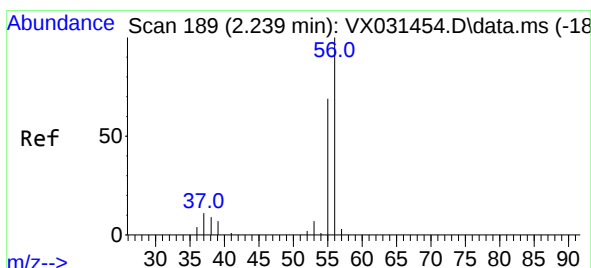
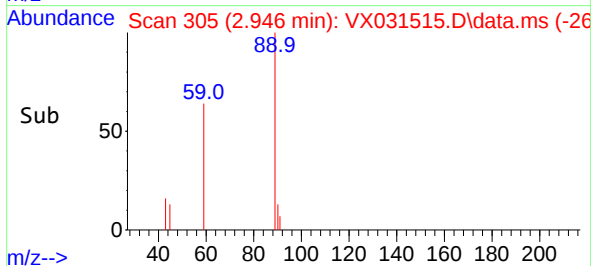
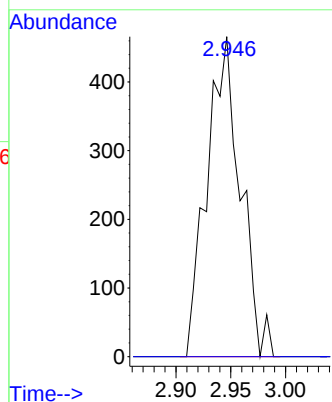


Tgt Ion: 59 Resp: 991

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.007 min Scan# 151

Delta R.T. -0.232 min

Lab File: VX031515.D

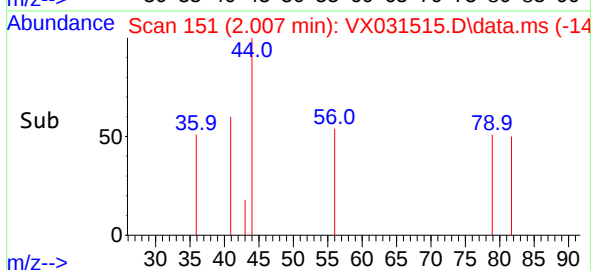
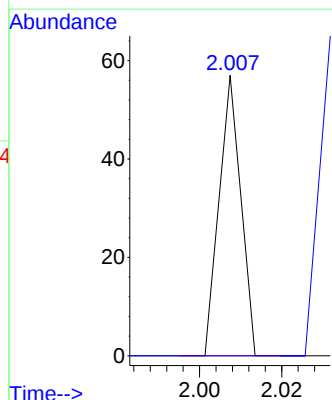
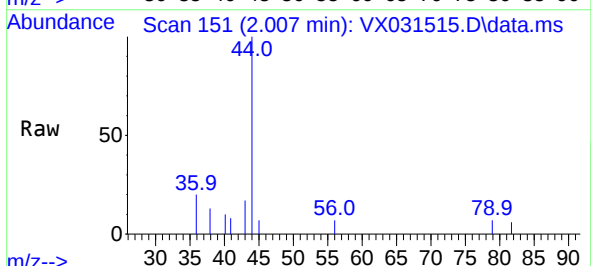
Acq: 21 Sep 2022 11:24

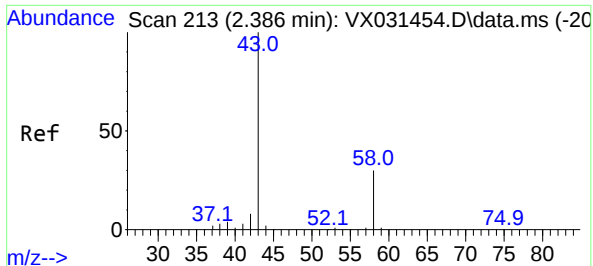
Tgt Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#

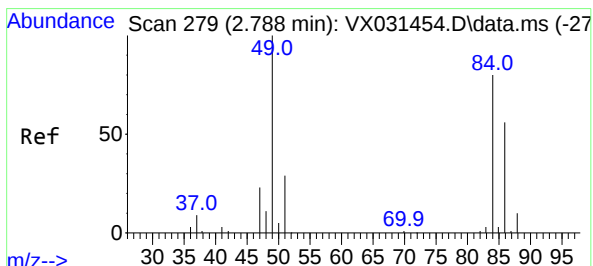
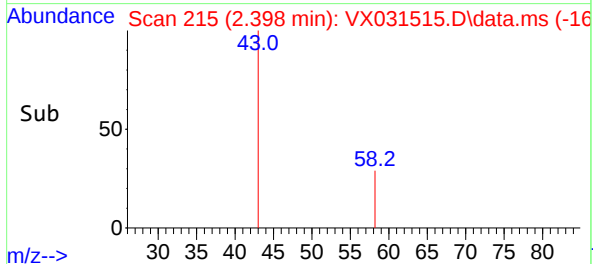
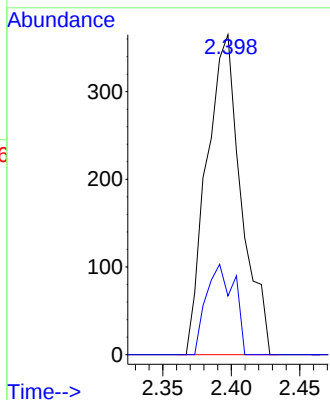
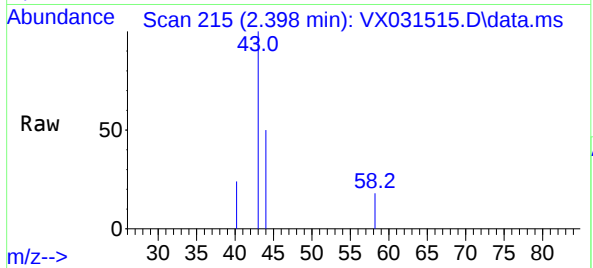




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

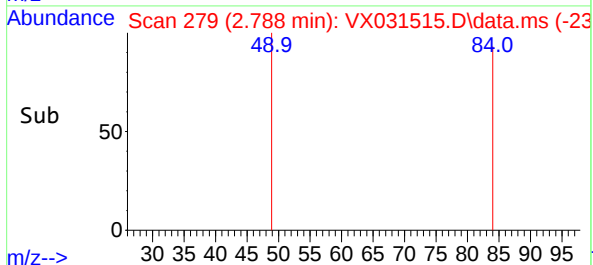
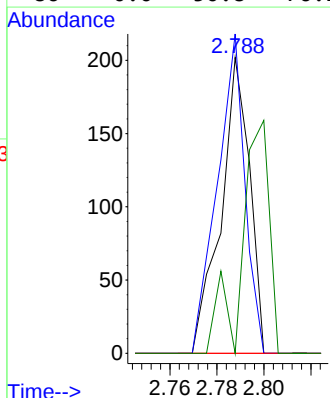
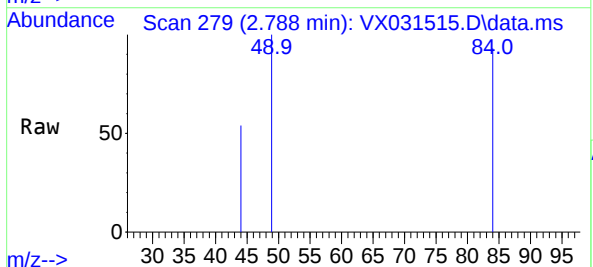
Instrument :
MSVOA_X
ClientSampleId :

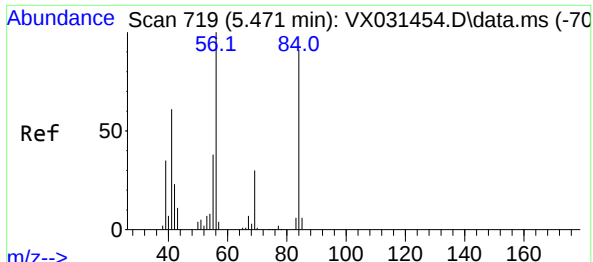
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 18.4 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

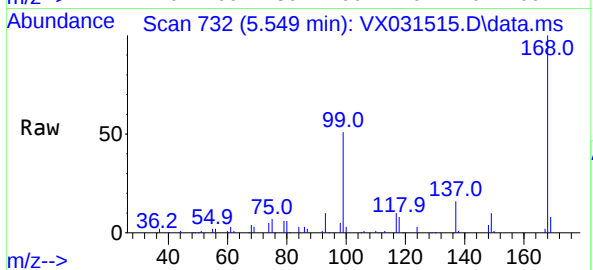
Tgt Ion: 84 Resp: 171
Ion Ratio Lower Upper
84 100
49 107.9 105.9 158.9
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#



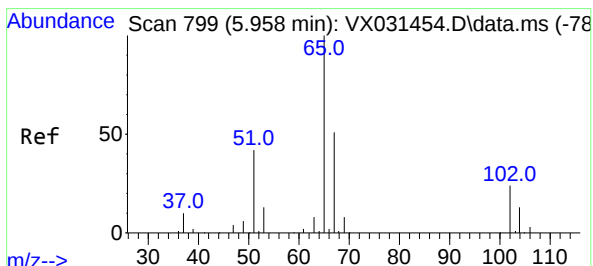
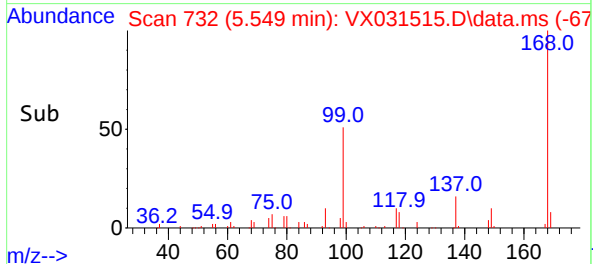
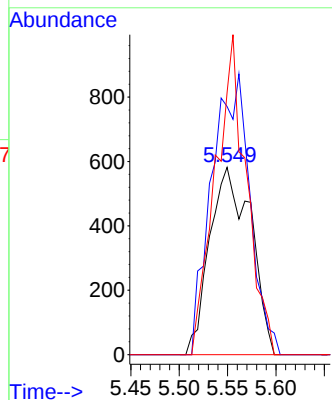


#31
Cyclohexane
Concen: 0.853 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :

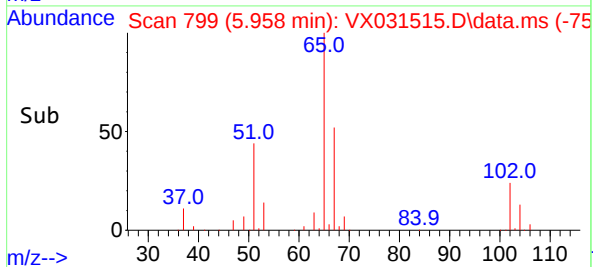
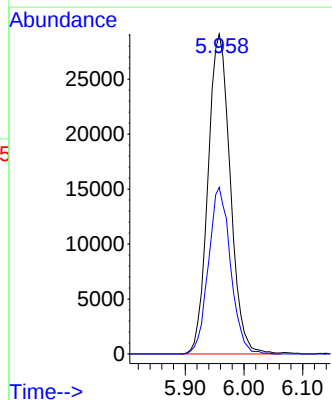
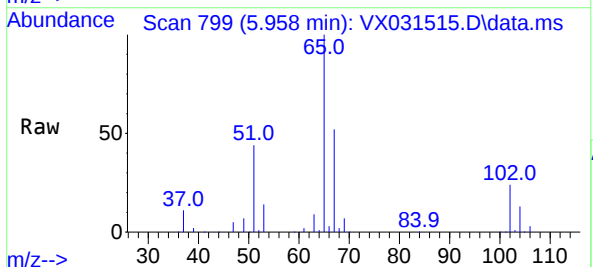


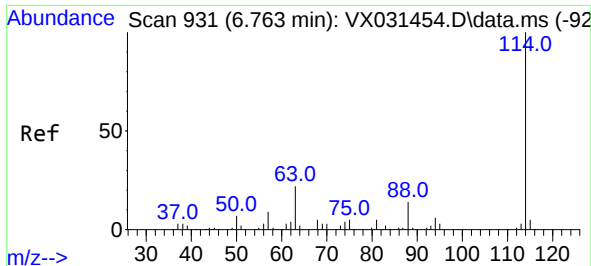
Tgt Ion: 56 Resp: 1726
Ion Ratio Lower Upper
56 100
69 132.5 25.1 37.7#
84 139.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 56.251 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

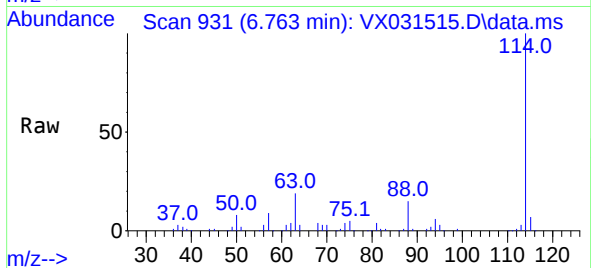
Tgt Ion: 65 Resp: 76700
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4



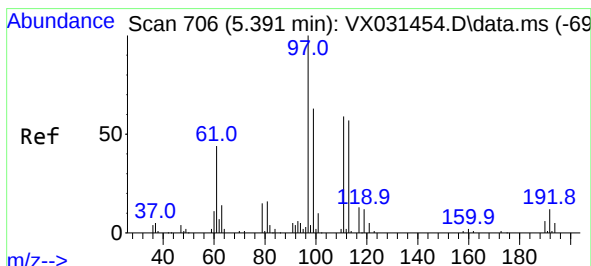
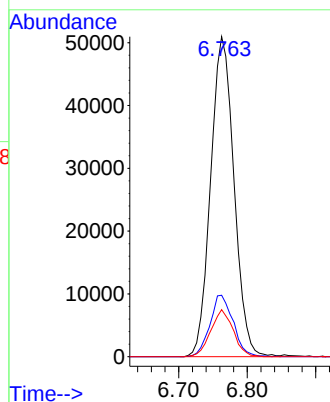
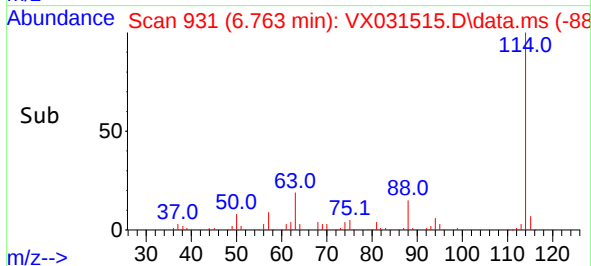


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

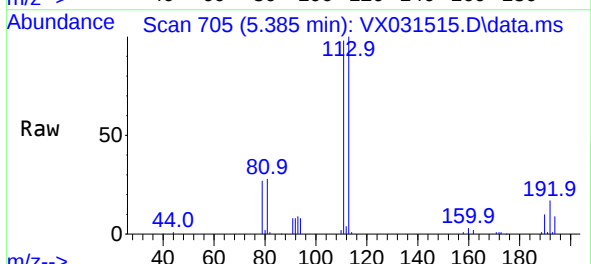
Instrument :
MSVOA_X
ClientSampleId :



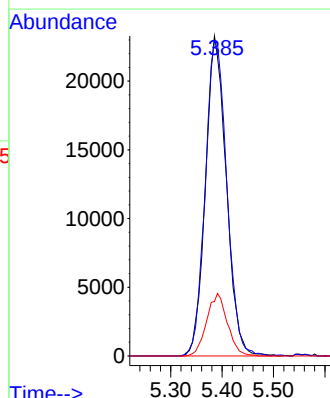
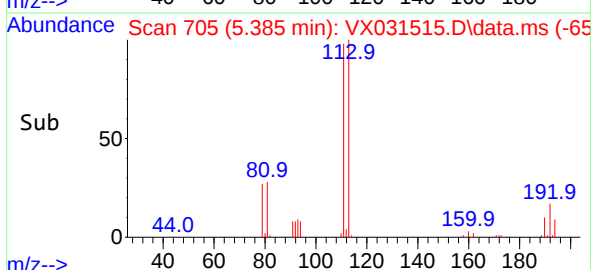
Tgt Ion:114 Resp: 120707
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 14.7 0.0 33.0

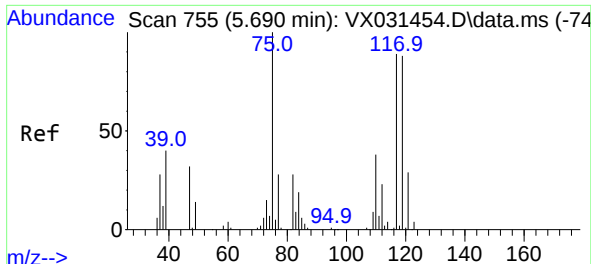


#35
Dibromofluoromethane
Concen: 52.542 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24



Tgt Ion:113 Resp: 65507
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.4 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.061 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

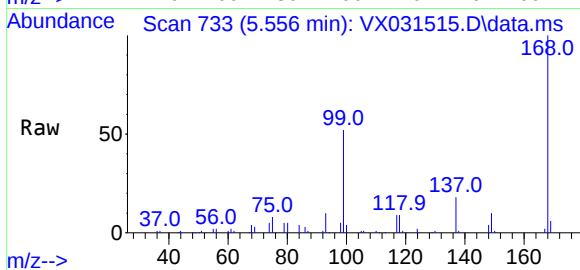
Lab File: VX031515.D

Acq: 21 Sep 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :



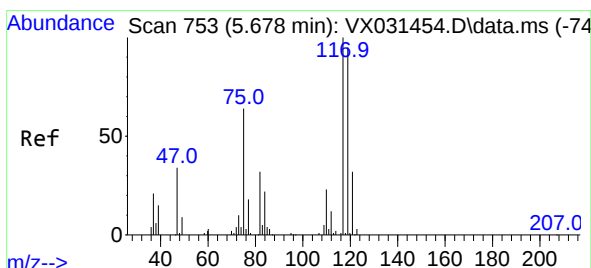
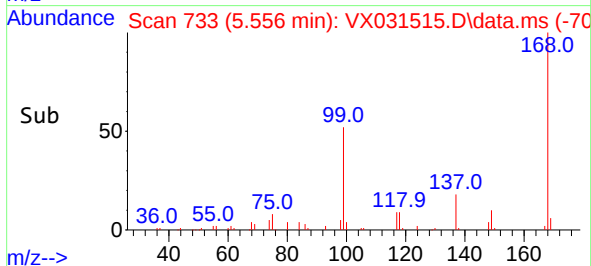
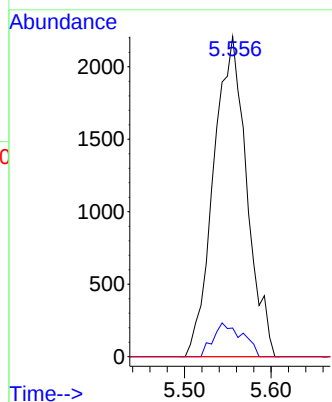
Tgt Ion: 75 Resp: 5874

Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.336 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.129 min

Lab File: VX031515.D

Acq: 21 Sep 2022 11:24

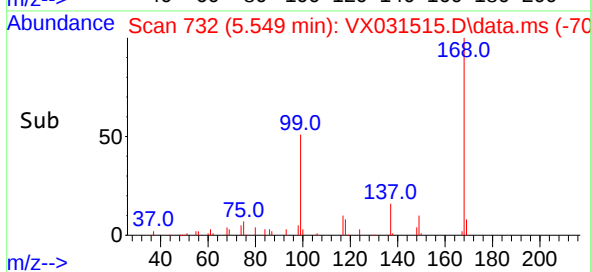
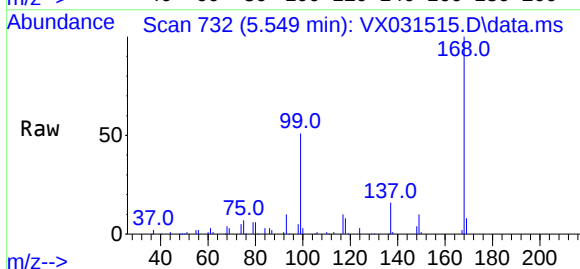
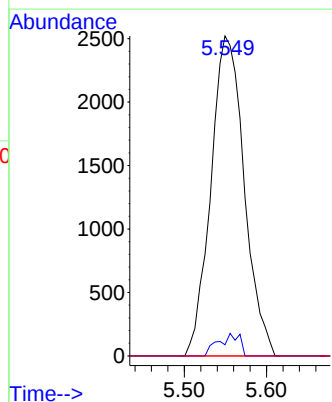
Tgt Ion: 117 Resp: 7095

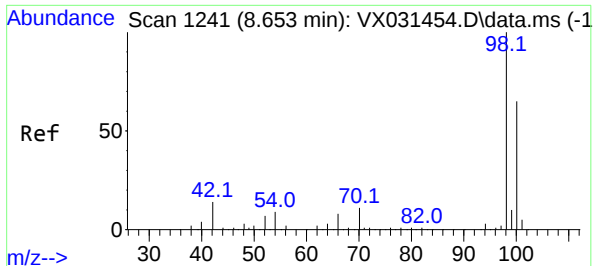
Ion Ratio Lower Upper

117 100

119 3.5 74.6 112.0#

121 0.0 25.3 37.9#

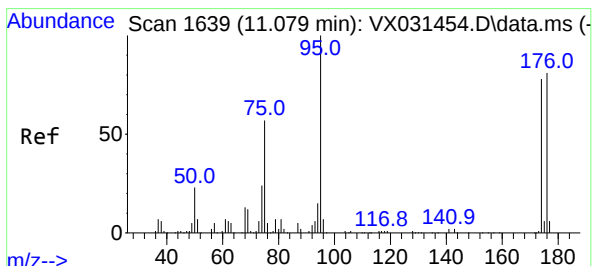
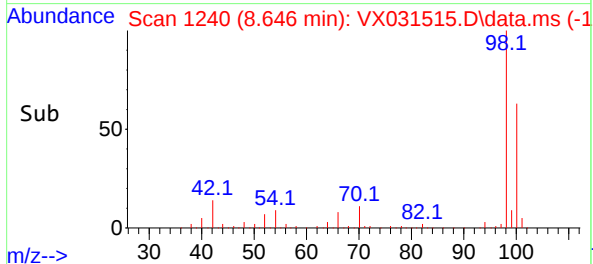
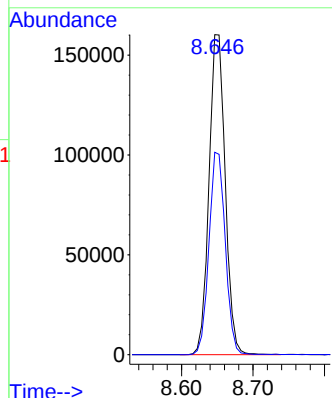
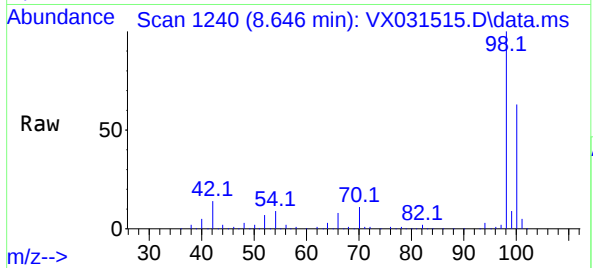




#50
Toluene-d8
Concen: 52.432 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

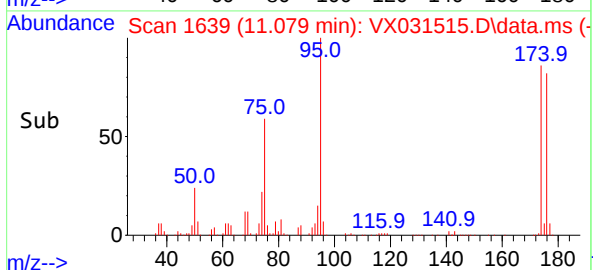
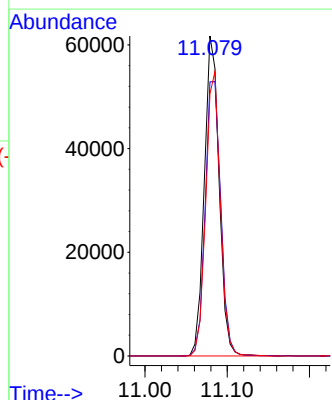
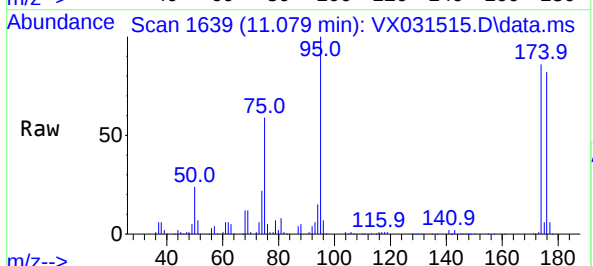
Instrument :
MSVOA_X
ClientSampleId :

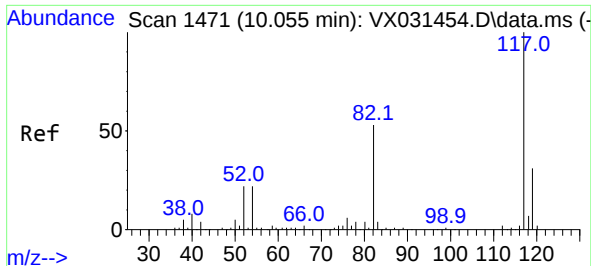
Tgt Ion: 98 Resp: 252151
Ion Ratio Lower Upper
98 100
100 63.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

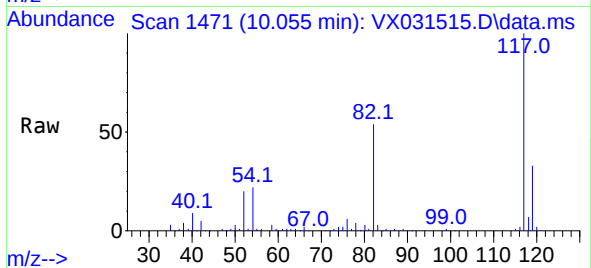
Tgt Ion: 95 Resp: 77100
Ion Ratio Lower Upper
95 100
174 90.4 0.0 153.2
176 88.0 0.0 144.0



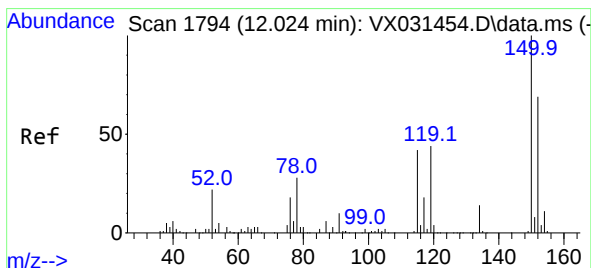
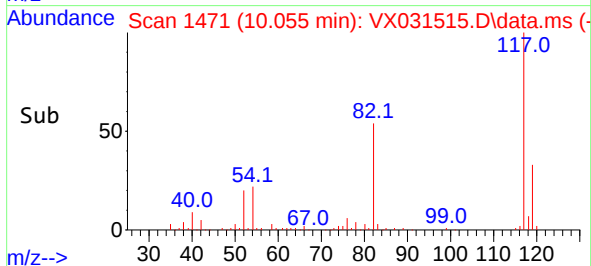
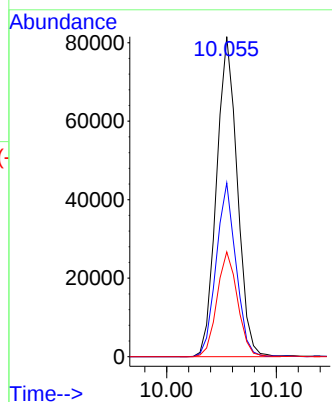


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :

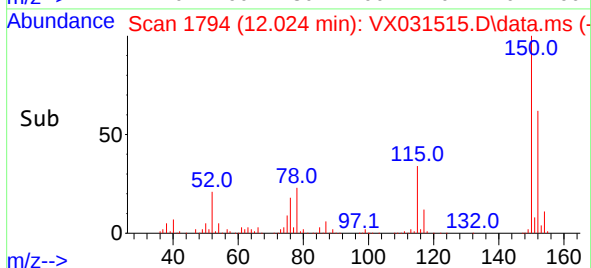
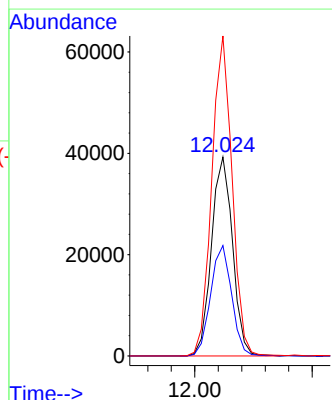
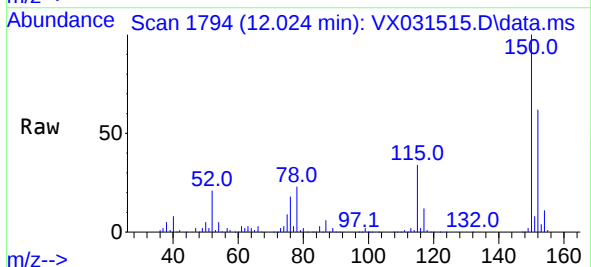


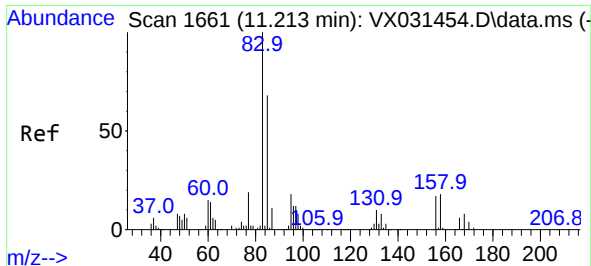
Tgt Ion:117 Resp: 107145
Ion Ratio Lower Upper
117 100
82 54.3 46.8 70.2
119 32.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

Tgt Ion:152 Resp: 48990
Ion Ratio Lower Upper
152 100
115 55.5 43.4 130.1
150 155.1 0.0 346.8

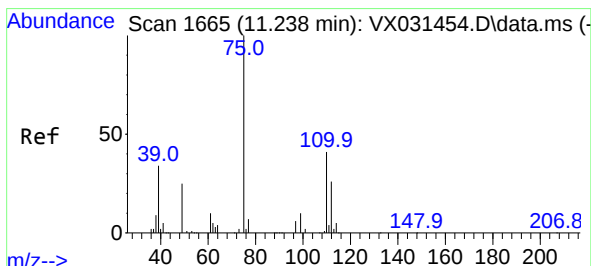
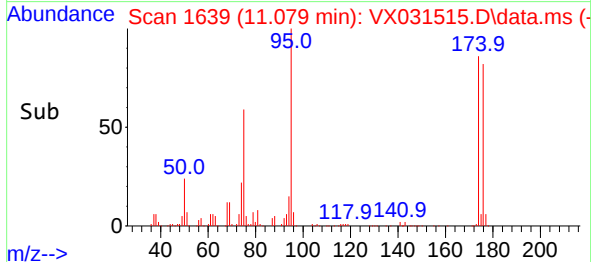
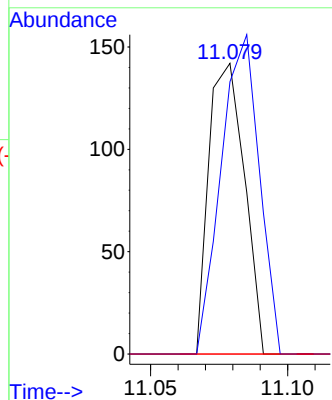
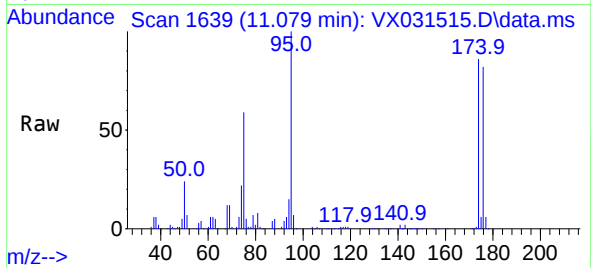




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

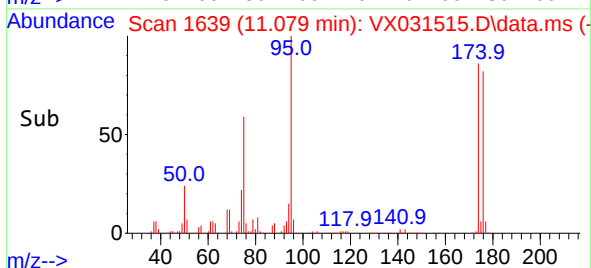
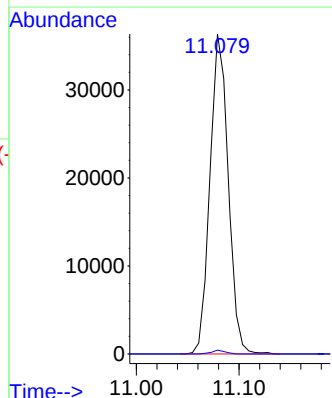
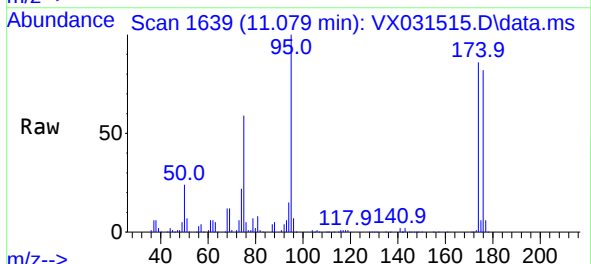
Instrument :
MSVOA_X
ClientSampleId :

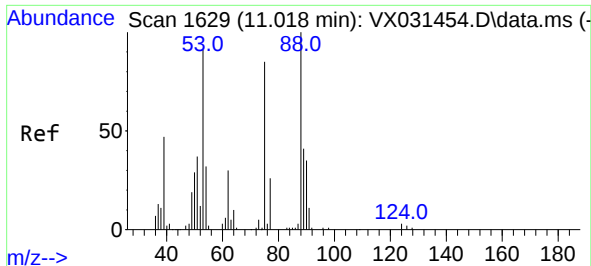
Tgt Ion: 83 Resp: 128
Ion Ratio Lower Upper
83 100
131 118.0 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 41.038 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

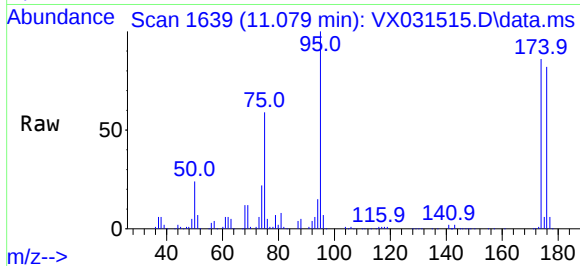
Tgt Ion: 75 Resp: 44871
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#



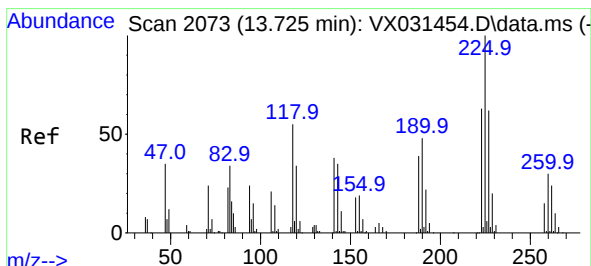
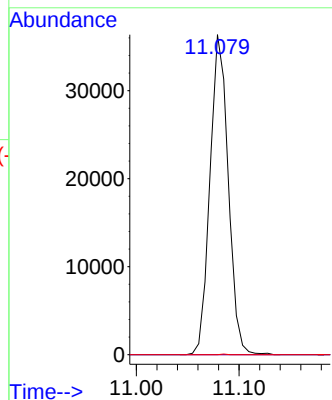
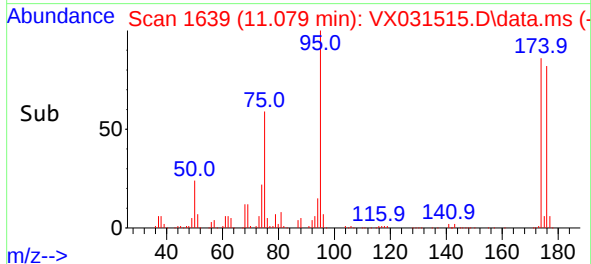


#81
trans-1,4-Dichloro-2-butene
Concen: 132.136 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

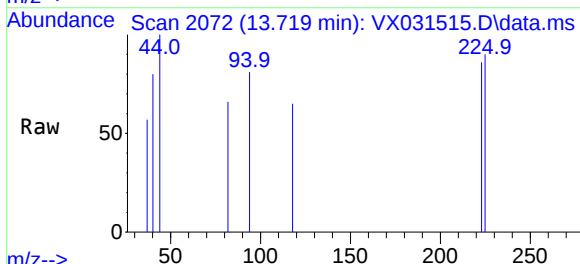
Instrument :
MSVOA_X
ClientSampleId :



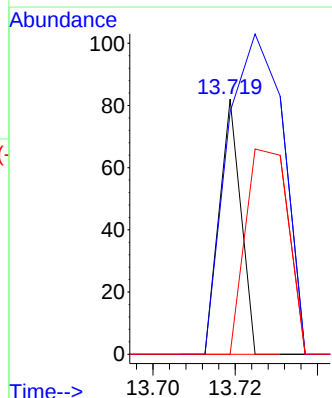
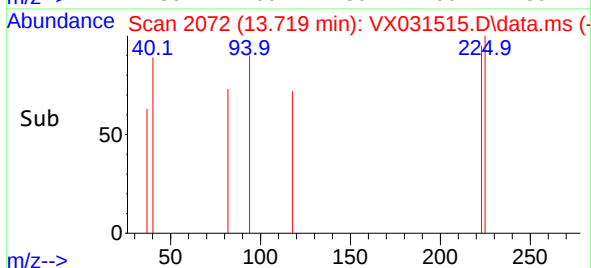
Tgt Ion: 75 Resp: 44871
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

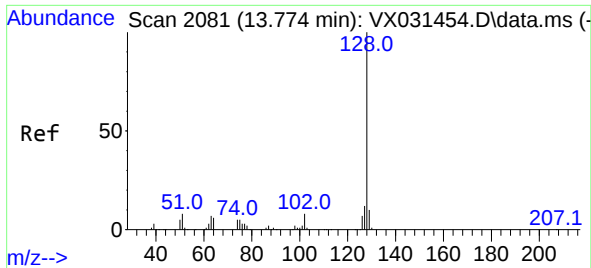


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24



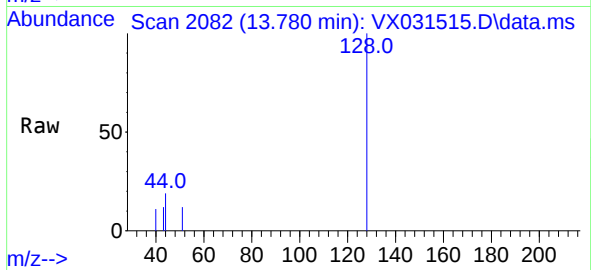
Tgt Ion: 225 Resp: 30
Ion Ratio Lower Upper
225 100
223 323.3 30.8 92.4#
227 160.0 32.3 96.9#





#95
Naphthalene
Concen: 0.223 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX031515.D
Acq: 21 Sep 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	783
Ion	Ratio	Lower	Upper
128	100		
127	2.6	10.4	15.6#
129	0.0	8.8	13.2#

