

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031538.D
 Acq On : 21 Sep 2022 23:38
 Operator : JC/MD
 Sample : VX0921WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 01:16:52 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)

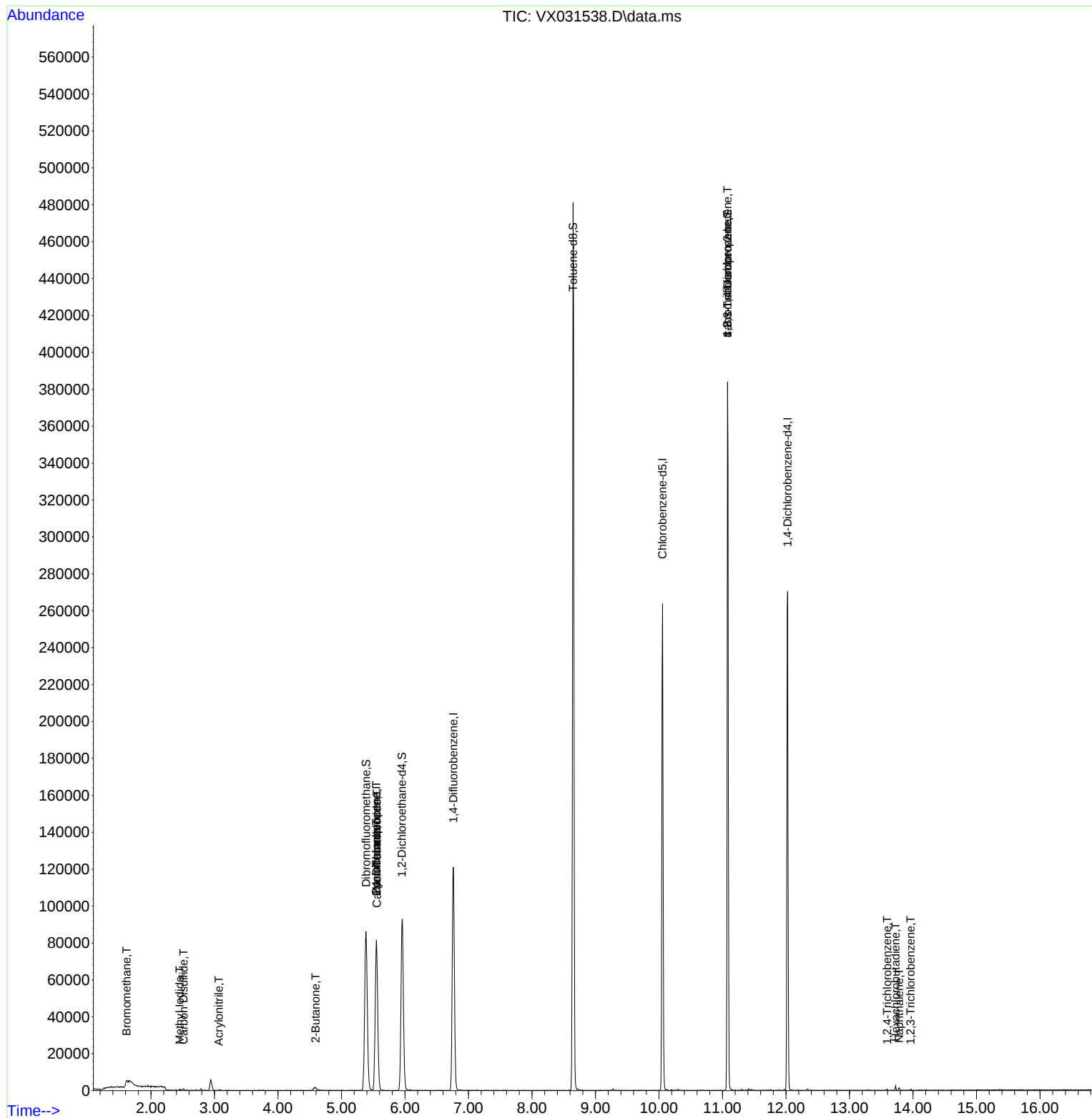
Internal Standards						
1) Pentafluorobenzene	5.550	168	77882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81832	57.345	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.680%
35) Dibromofluoromethane	5.385	113	71175	54.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.000%
50) Toluene-d8	8.647	98	269901	53.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.140%
62) 4-Bromofluorobenzene	11.079	95	84722	49.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.360%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	958	0.397	ug/l	97
6) Chloroethane	1.679	64	105	Below Cal	#	43
10) Methyl Iodide	2.453	142	569	0.469	ug/l #	84
11) Tert butyl alcohol	2.941	59	3213	Below Cal	#	73
13) Acrolein	2.014	56	26	Below Cal	#	15
15) Acrylonitrile	3.069	53	160	0.213	ug/l #	52
16) Acetone	2.404	43	260	Below Cal	#	45
17) Carbon Disulfide	2.514	76	1013	0.310	ug/l #	67
20) Methylene Chloride	2.788	84	345	Below Cal		94
25) 2-Butanone	4.593	43	221	0.200	ug/l #	49
31) Cyclohexane	5.550	56	1823	0.861	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	6046	2.980	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7953	3.536	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	11.079	83	182	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	48016	39.568	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48016	127.404	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	295	0.277	ug/l #	81
94) Hexachlorobutadiene	13.725	225	415	0.208	ug/l	93
95) Naphthalene	13.780	128	1280	0.328	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	227	0.207	ug/l	91

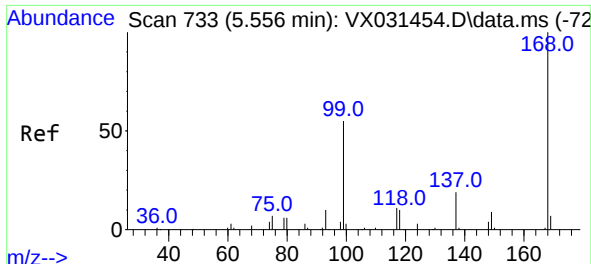
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

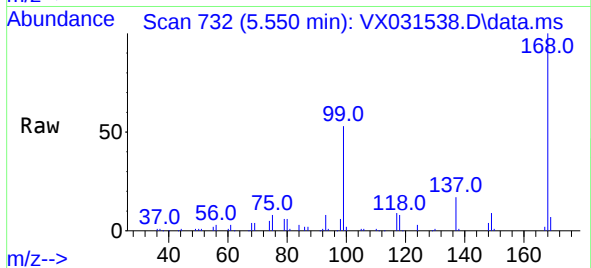
Quant Time: Sep 22 01:16:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



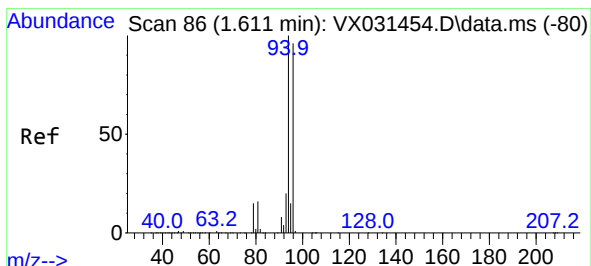
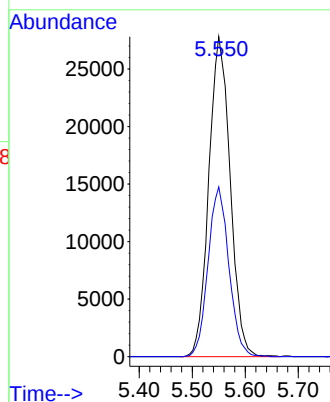


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Instrument :
MSVOA_X
ClientSampleId :

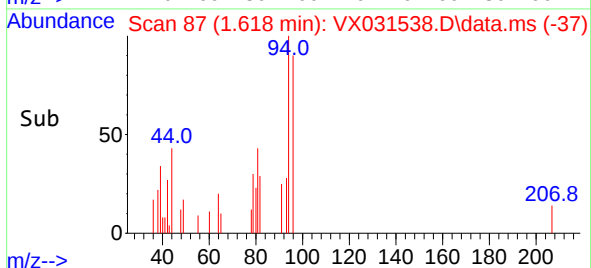
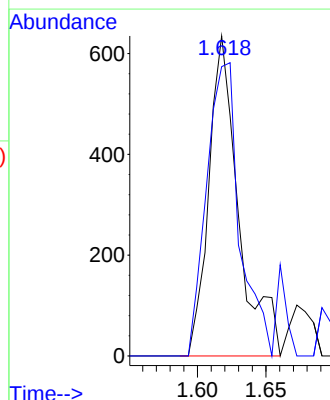
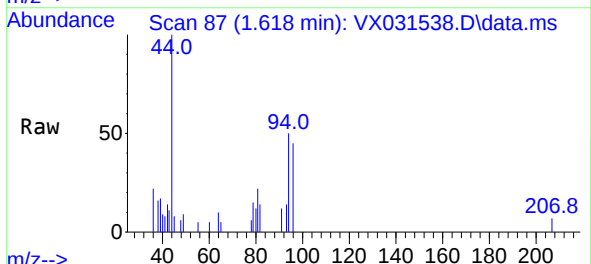


Tgt Ion:168 Resp: 77882
Ion Ratio Lower Upper
168 100
99 53.1 48.8 73.2

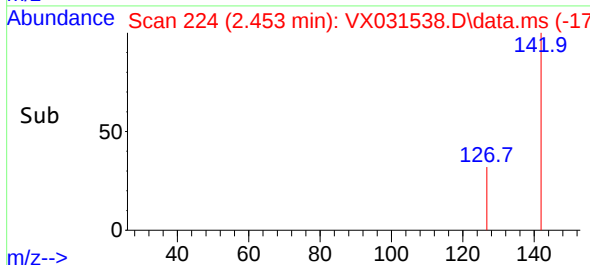
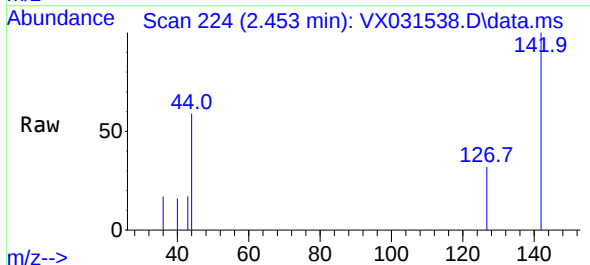
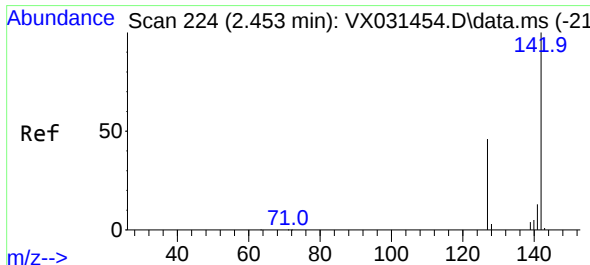
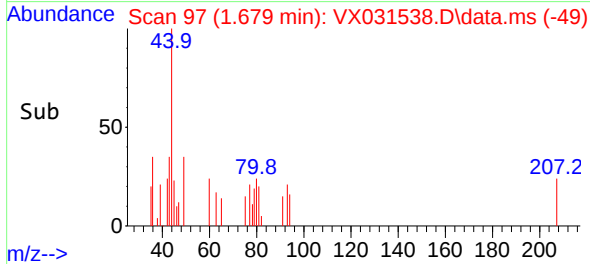
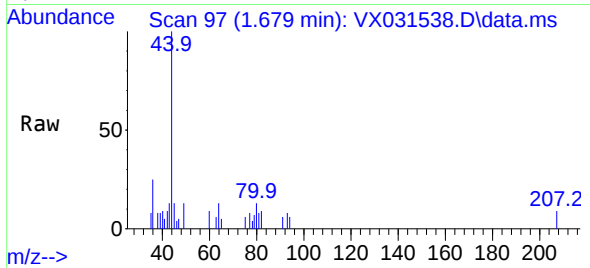
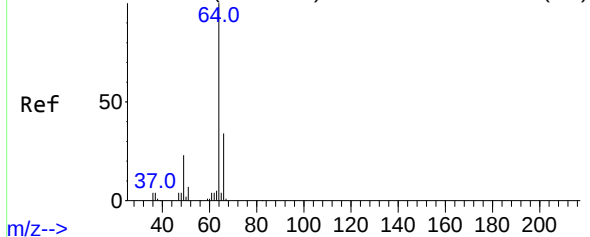


#5
Bromomethane
Concen: 0.397 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Tgt Ion: 94 Resp: 958
Ion Ratio Lower Upper
94 100
96 90.4 74.4 111.6



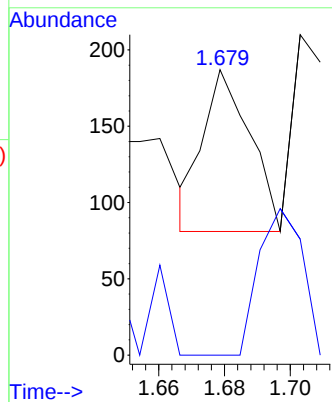
Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

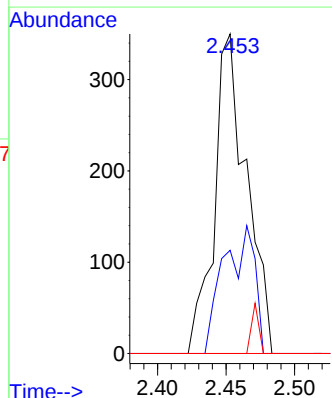
Instrument :
MSVOA_X
ClientSampleId :

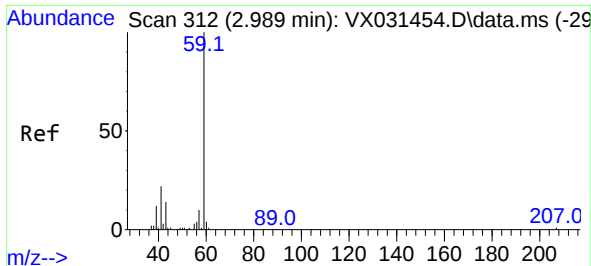
Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.469 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Tgt Ion: 142 Resp: 569
Ion Ratio Lower Upper
142 100
127 38.7 37.4 56.0
141 3.5 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 30

Delta R.T. -0.048 min

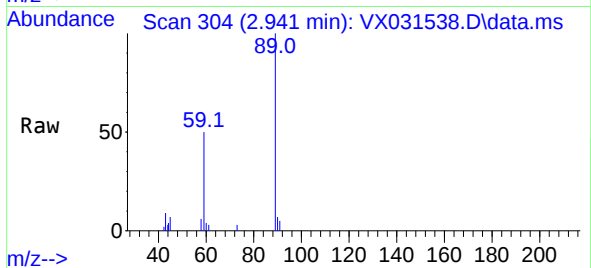
Lab File: VX031538.D

Acq: 21 Sep 2022 23:38

Instrument :

MSVOA_X

ClientSampleId :

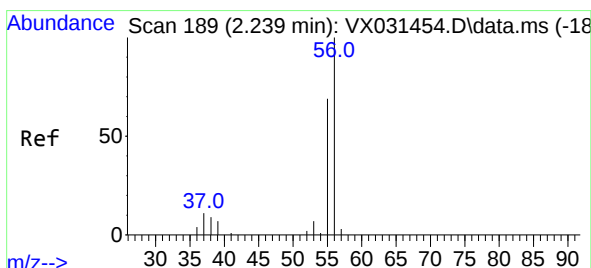
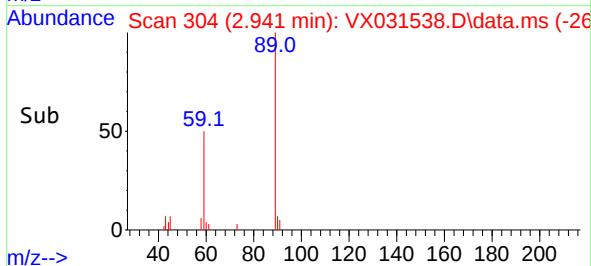
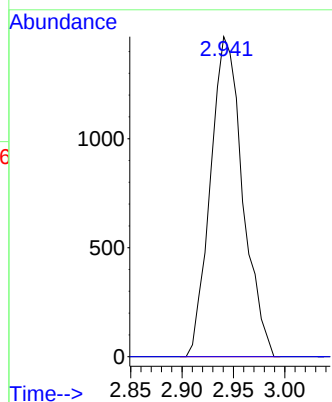


Tgt Ion: 59 Resp: 3213

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.014 min Scan# 152

Delta R.T. -0.225 min

Lab File: VX031538.D

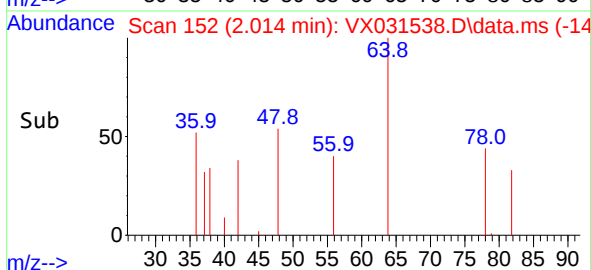
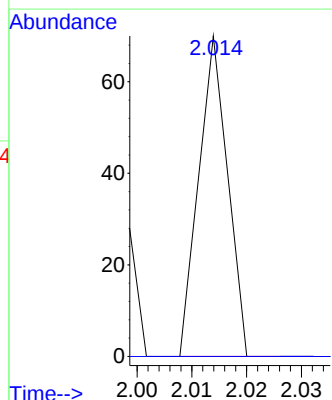
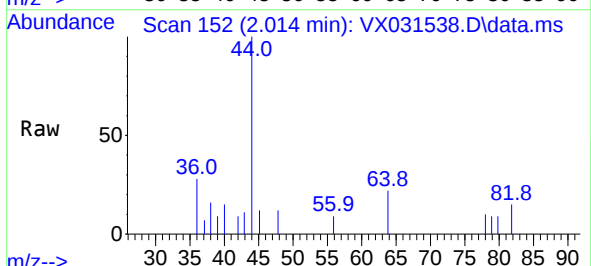
Acq: 21 Sep 2022 23:38

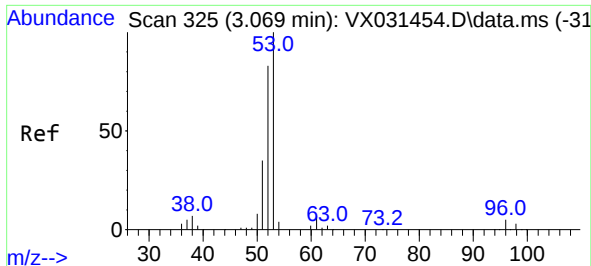
Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

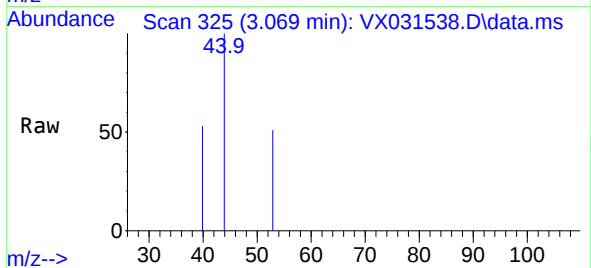
55 0.0 56.0 84.0#



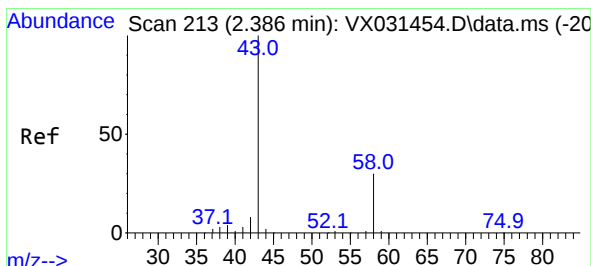
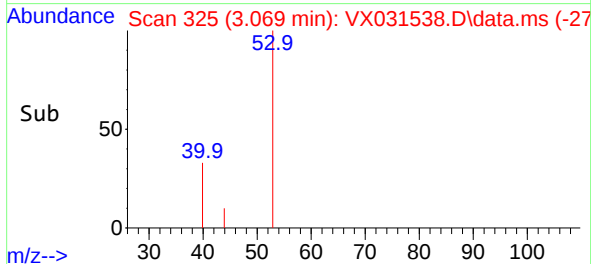
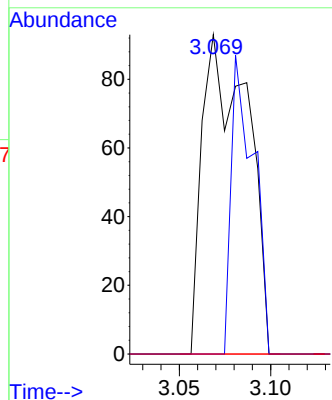


#15
Acrylonitrile
Concen: 0.213 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Instrument :
MSVOA_X
ClientSampleId :

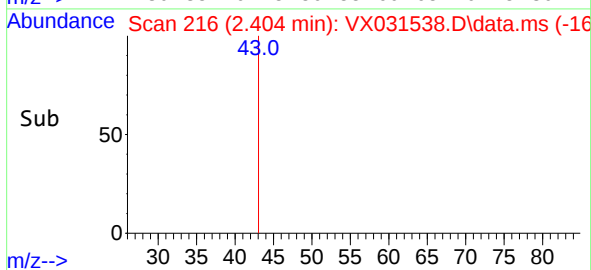
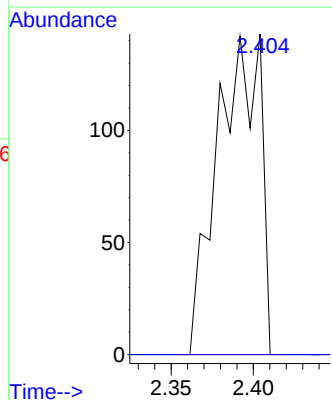
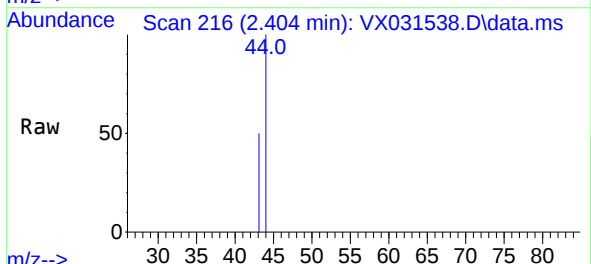


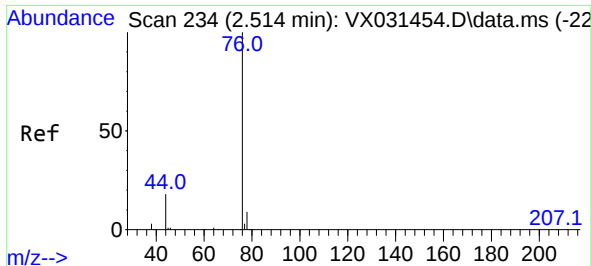
Tgt Ion: 53 Resp: 160
Ion Ratio Lower Upper
53 100
52 46.3 66.9 100.3#
51 0.0 30.0 45.0#



#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

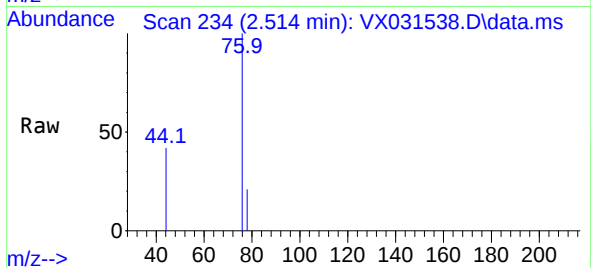
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



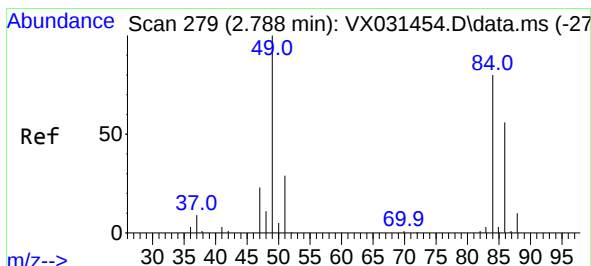
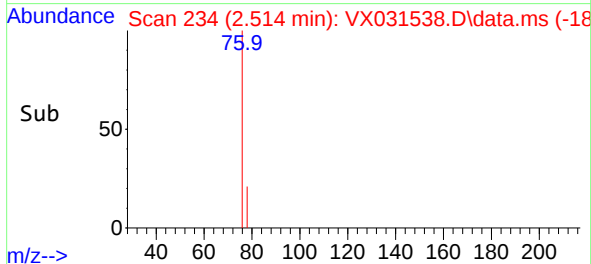
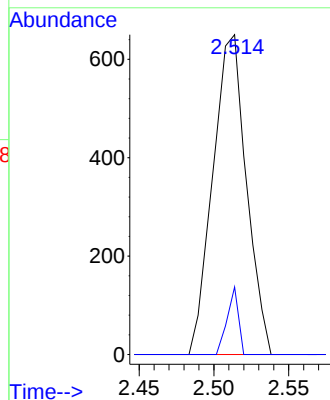


#17
Carbon Disulfide
Concen: 0.310 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Instrument :
MSVOA_X
ClientSampleId :

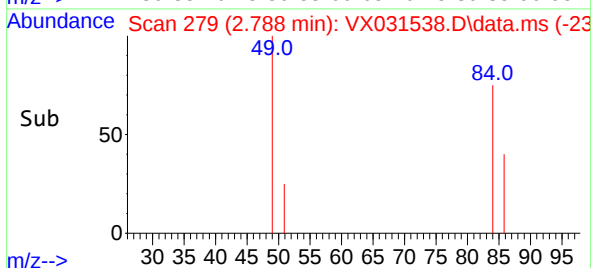
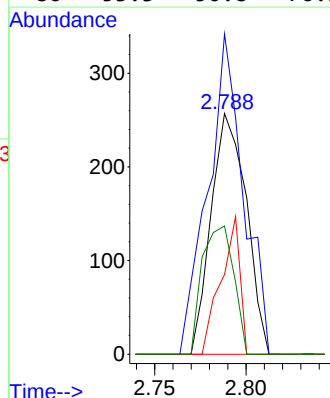
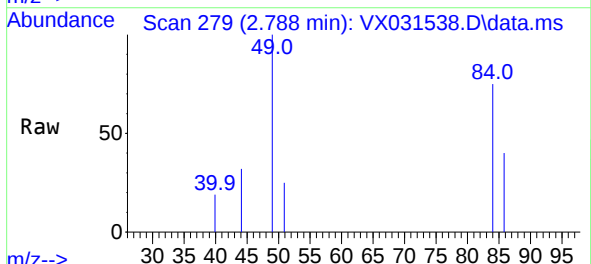


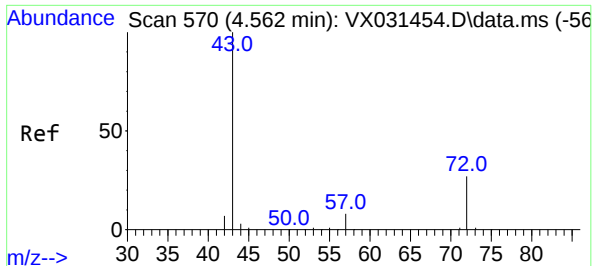
Tgt Ion: 76 Resp: 1013
Ion Ratio Lower Upper
76 100
78 21.1 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Tgt Ion: 84 Resp: 345
Ion Ratio Lower Upper
84 100
49 133.1 105.9 158.9
51 33.1 32.2 48.2
86 53.3 50.8 76.2





#25

2-Butanone

Concen: 0.200 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX031538.D

Acq: 21 Sep 2022 23:38

Instrument :

MSVOA_X

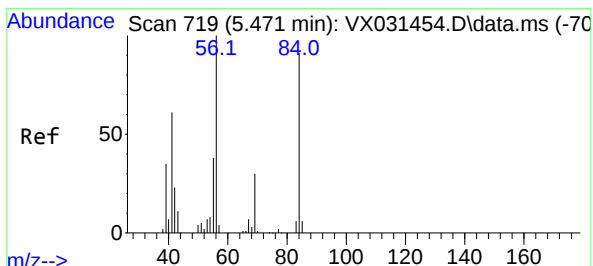
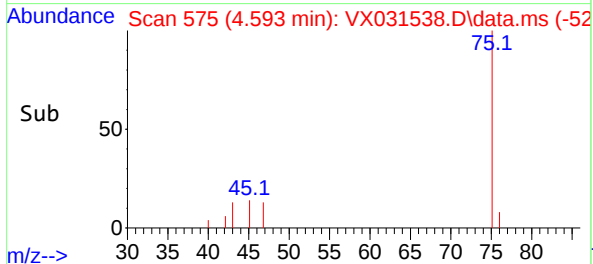
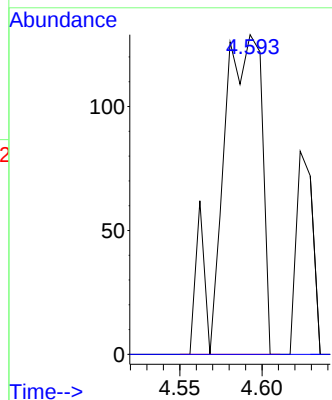
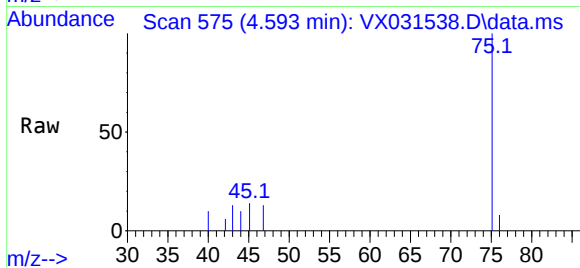
ClientSampleId :

Tgt Ion: 43 Resp: 221

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#31

Cyclohexane

Concen: 0.861 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031538.D

Acq: 21 Sep 2022 23:38

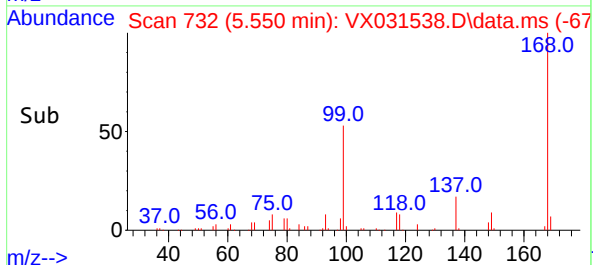
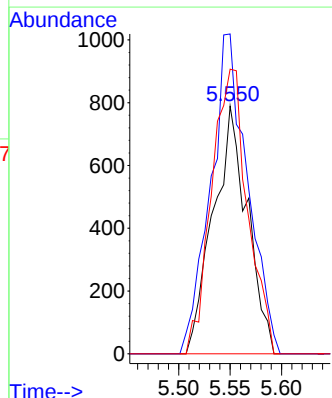
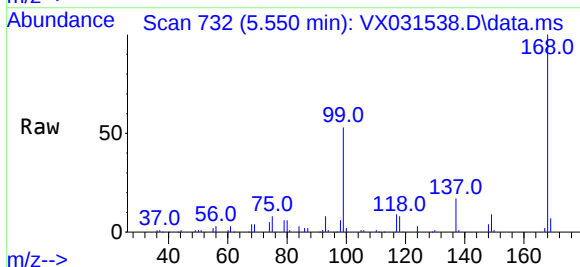
Tgt Ion: 56 Resp: 1823

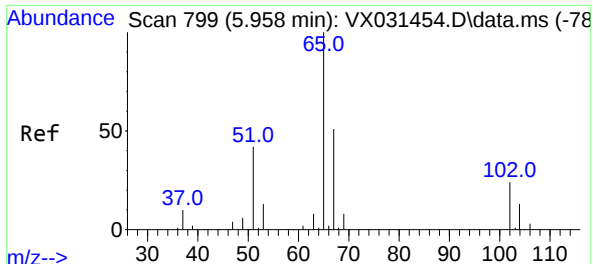
Ion Ratio Lower Upper

56 100

69 129.2 25.1 37.7#

84 115.0 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 57.345 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031538.D

Acq: 21 Sep 2022 23:38

Instrument :

MSVOA_X

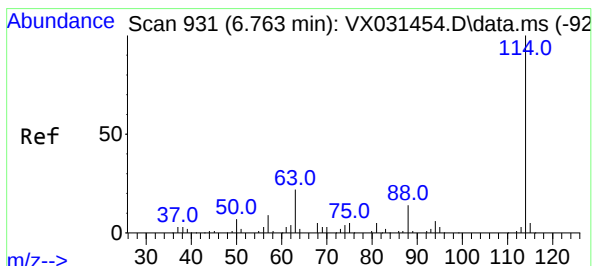
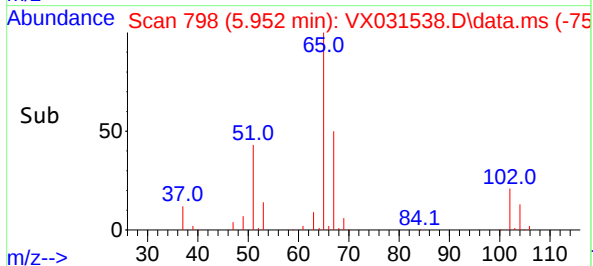
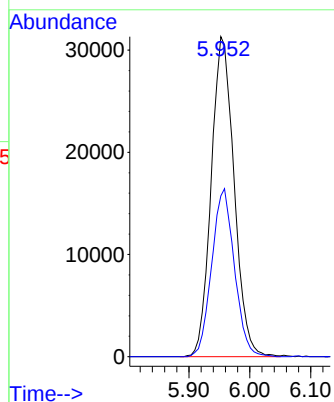
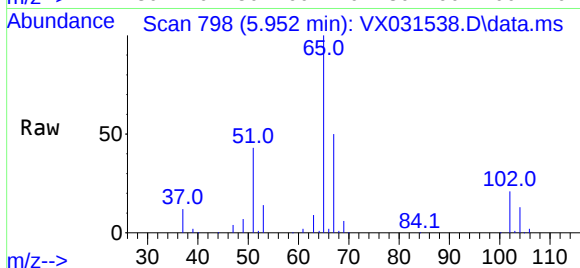
ClientSampleId :

Tgt Ion: 65 Resp: 81832

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031538.D

Acq: 21 Sep 2022 23:38

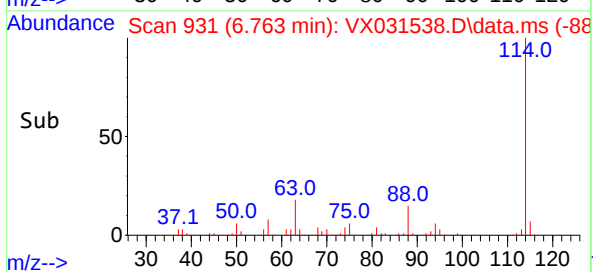
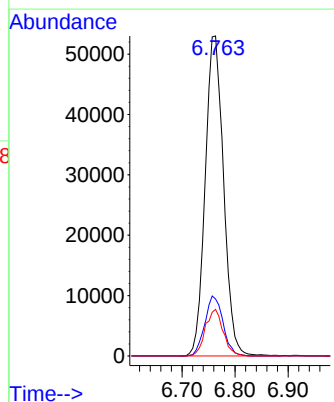
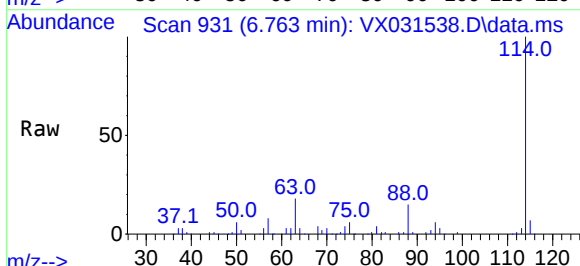
Tgt Ion: 114 Resp: 127649

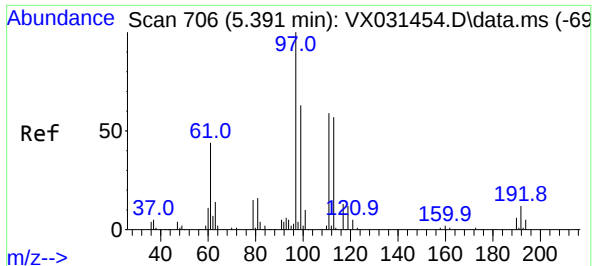
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.6

88 14.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.004 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031538.D

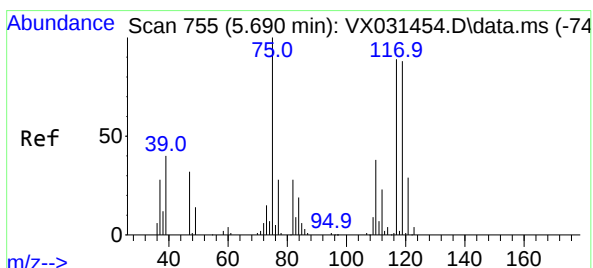
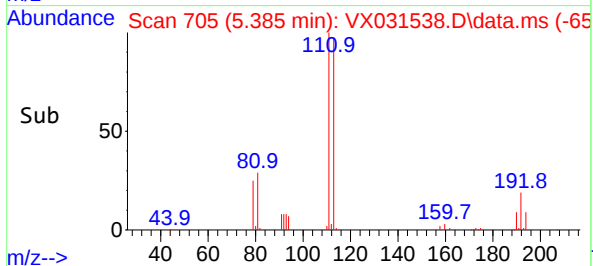
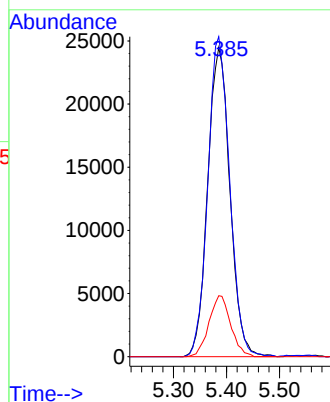
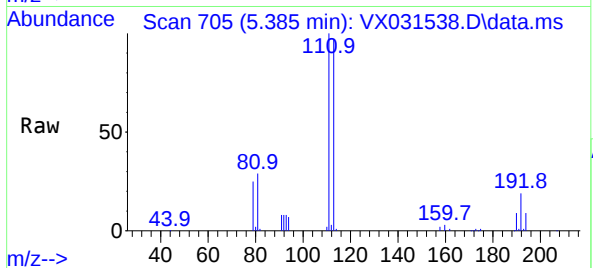
Acq: 21 Sep 2022 23:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	113	Resp:	71175
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	19.3	14.1	21.1



#36

1,1-Dichloropropene

Concen: 2.980 ug/l

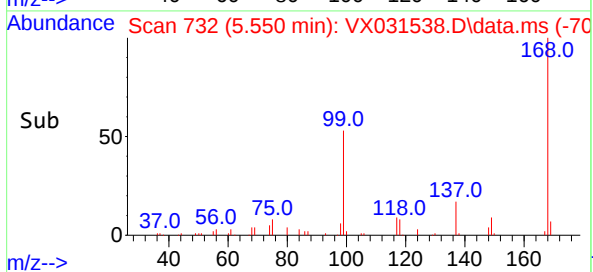
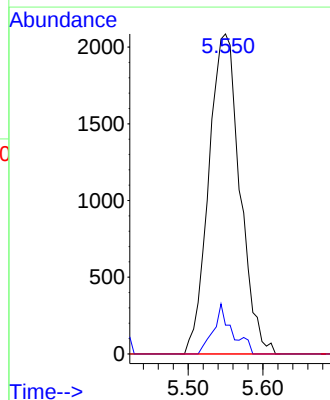
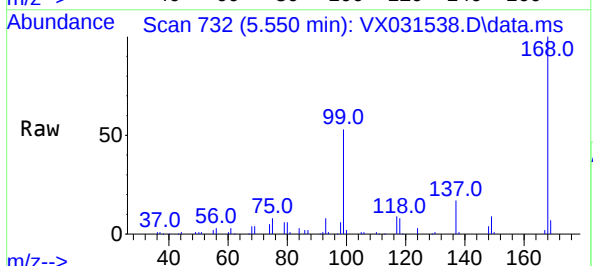
RT: 5.550 min Scan# 732

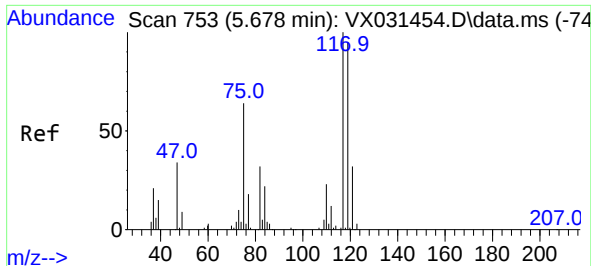
Delta R.T. -0.140 min

Lab File: VX031538.D

Acq: 21 Sep 2022 23:38

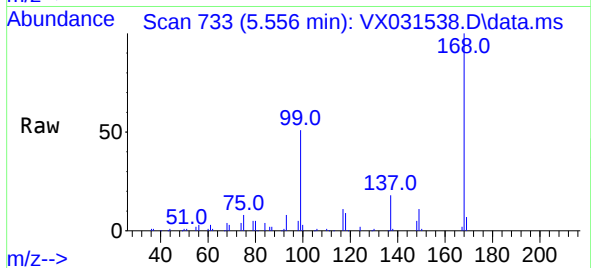
Tgt Ion:	75	Resp:	6046
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.5	52.5#
77	0.0	24.9	37.3#



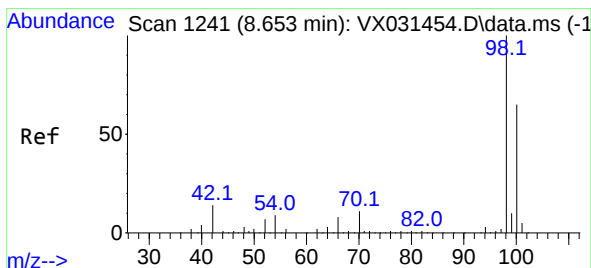
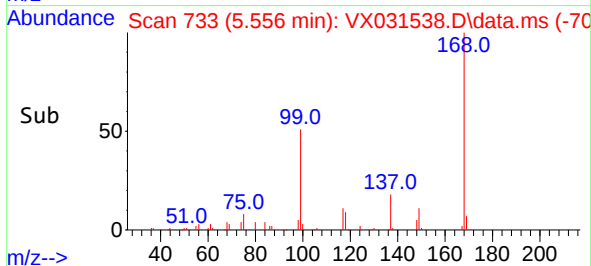
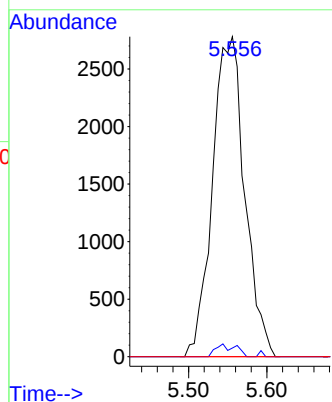


#38
Carbon Tetrachloride
Concen: 3.536 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Instrument :
MSVOA_X
ClientSampleId :

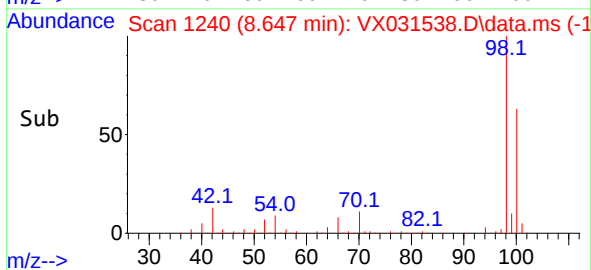
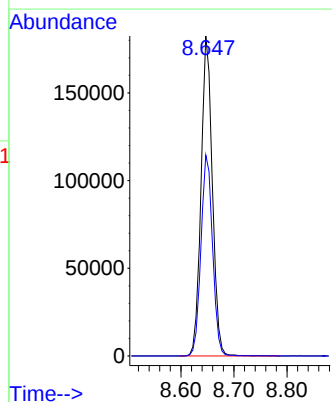
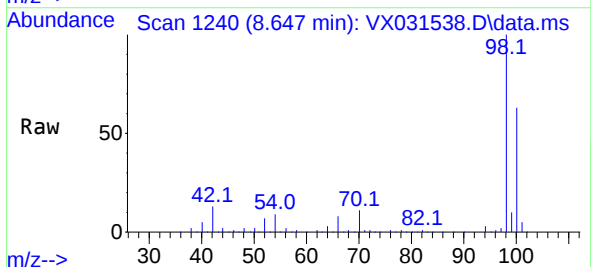


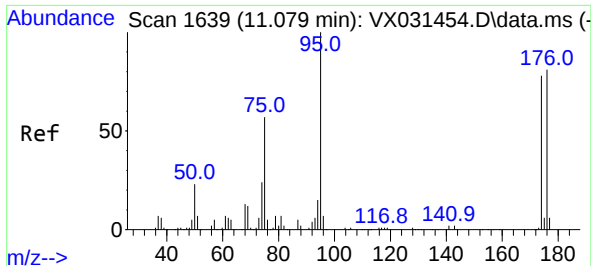
Tgt Ion:117 Resp: 7953
Ion Ratio Lower Upper
117 100
119 2.7 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 53.071 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Tgt Ion: 98 Resp: 269901
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 49.181 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031538.D

Acq: 21 Sep 2022 23:38

Instrument :

MSVOA_X

ClientSampleId :

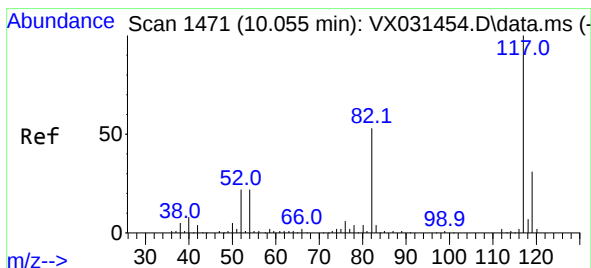
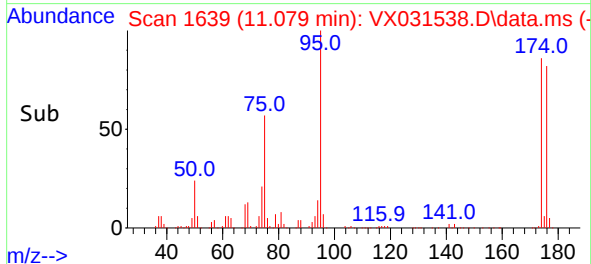
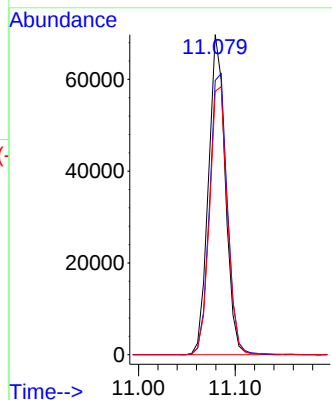
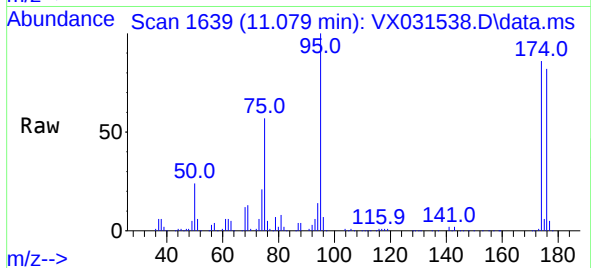
Tgt Ion: 95 Resp: 84722

Ion Ratio Lower Upper

95 100

174 92.6 0.0 153.2

176 88.3 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: VX031538.D

Acq: 21 Sep 2022 23:38

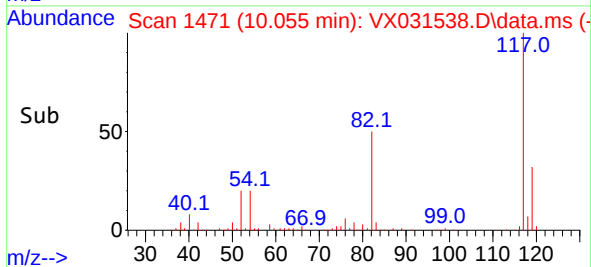
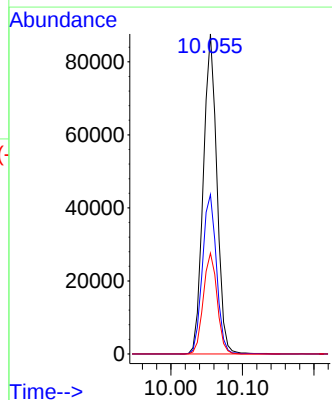
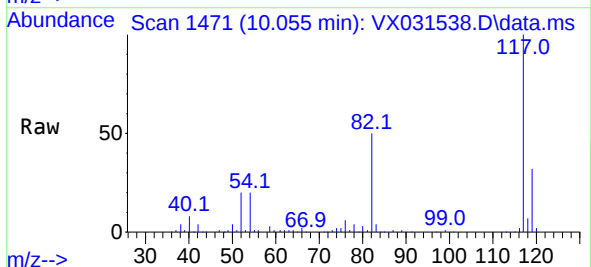
Tgt Ion: 117 Resp: 115905

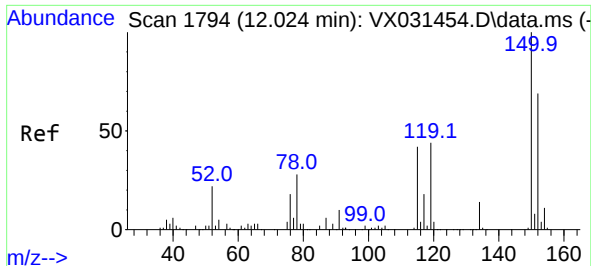
Ion Ratio Lower Upper

117 100

82 49.8 46.8 70.2

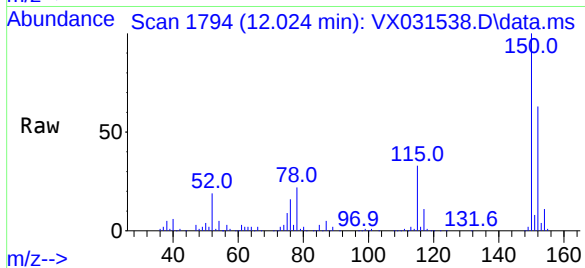
119 31.5 26.4 39.6



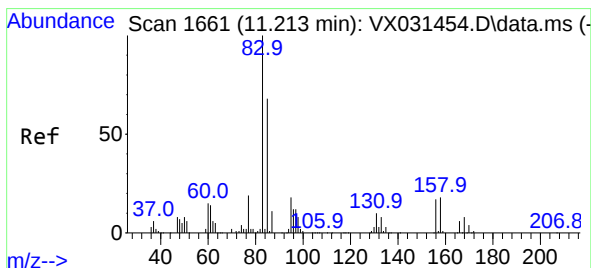
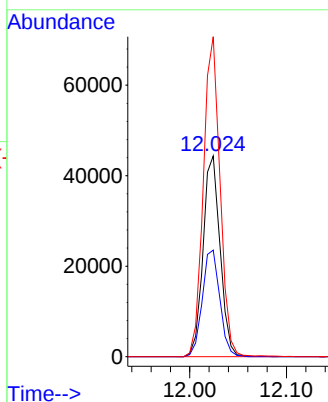
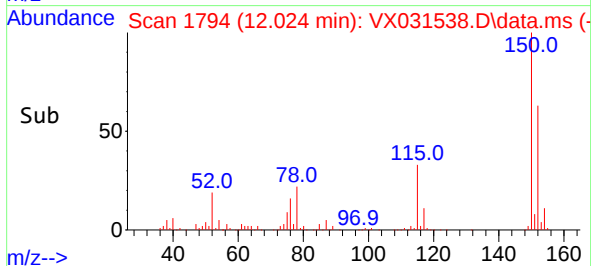


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

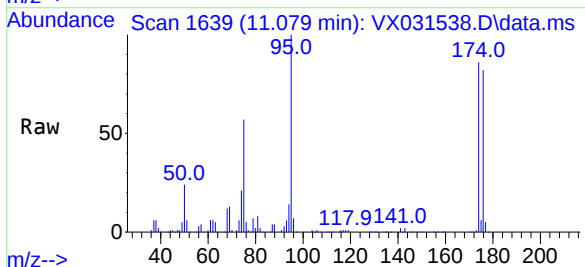
Instrument :
MSVOA_X
ClientSampleId :



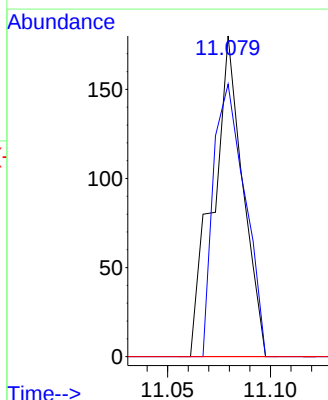
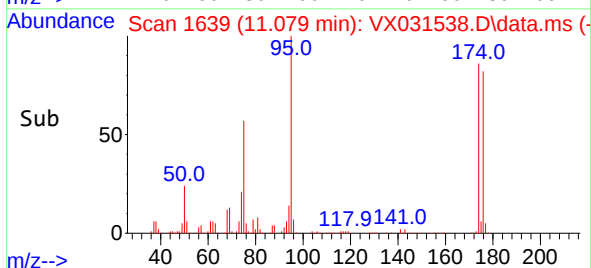
Tgt Ion:152 Resp: 54371
Ion Ratio Lower Upper
152 100
115 54.6 43.4 130.1
150 156.9 0.0 346.8

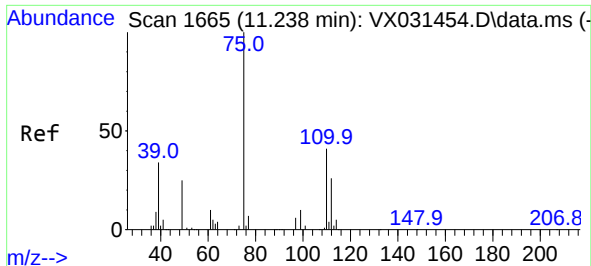


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38



Tgt Ion: 83 Resp: 182
Ion Ratio Lower Upper
83 100
131 89.6 5.1 15.4#
85 0.0 32.6 97.8#

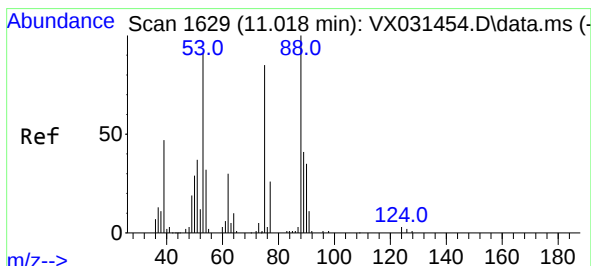
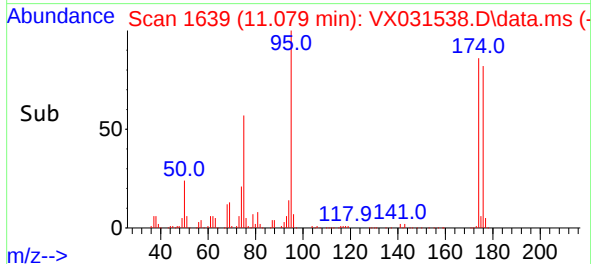
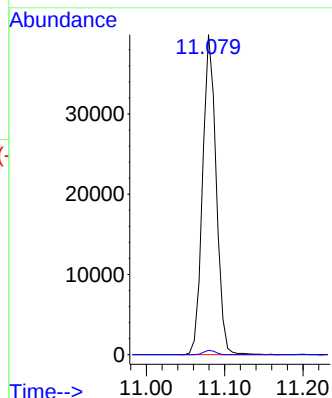
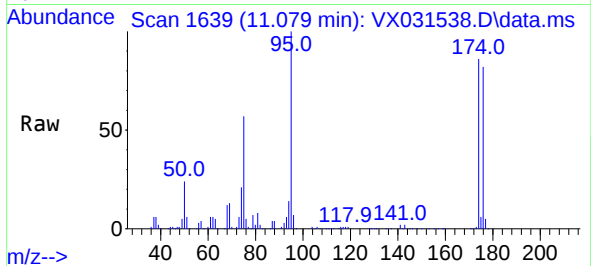




#76
1,2,3-Trichloropropane
Concen: 39.568 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

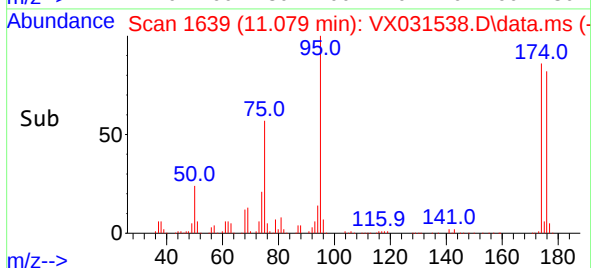
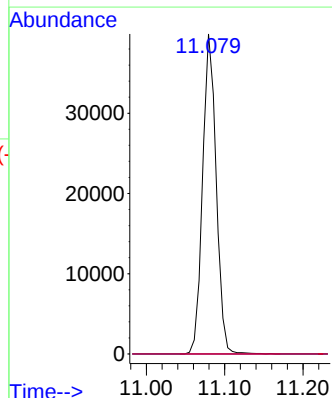
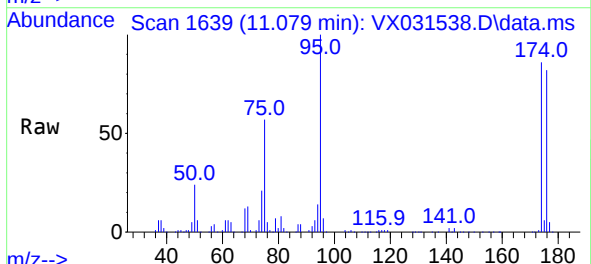
Instrument :
MSVOA_X
ClientSampleId :

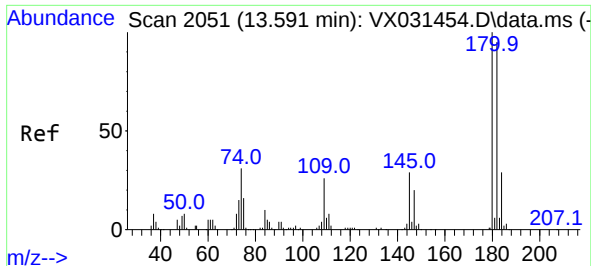
Tgt Ion: 75 Resp: 48016
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

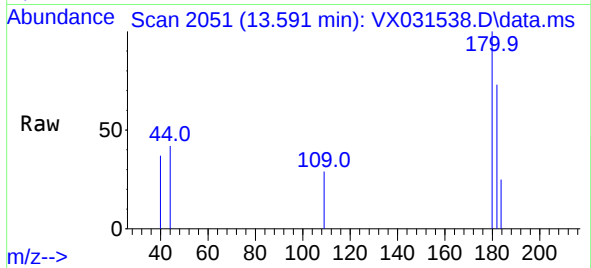
Tgt Ion: 75 Resp: 48016
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



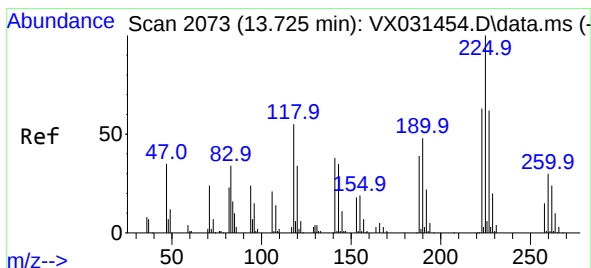
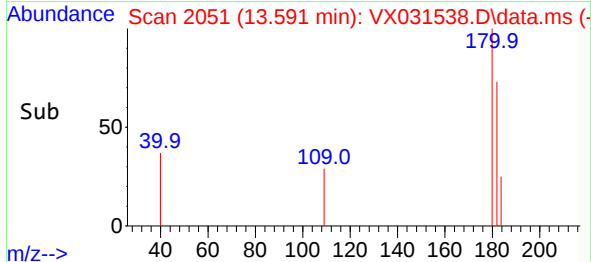
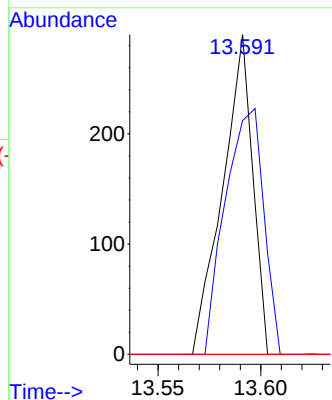


#93
1,2,4-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Instrument :
MSVOA_X
ClientSampleId :

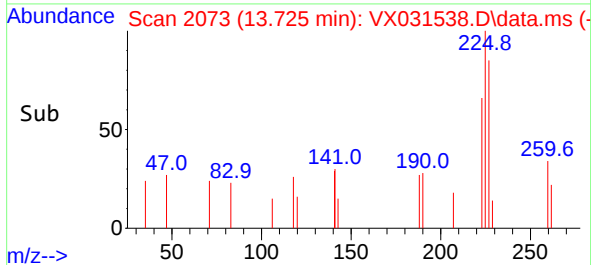
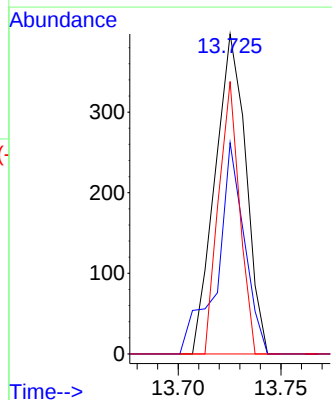
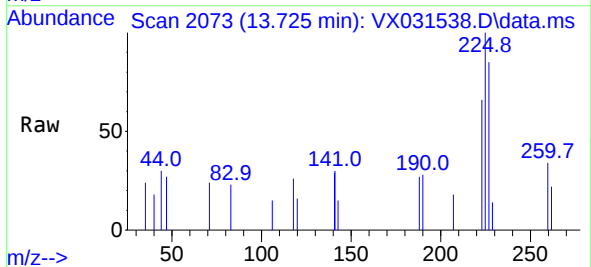


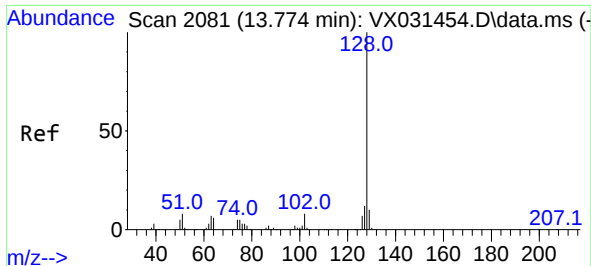
Tgt Ion:180 Resp: 295
Ion Ratio Lower Upper
180 100
182 98.0 46.9 140.6
145 0.0 16.7 50.1#



#94
Hexachlorobutadiene
Concen: 0.208 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Tgt Ion:225 Resp: 415
Ion Ratio Lower Upper
225 100
223 58.1 30.8 92.4
227 57.6 32.3 96.9

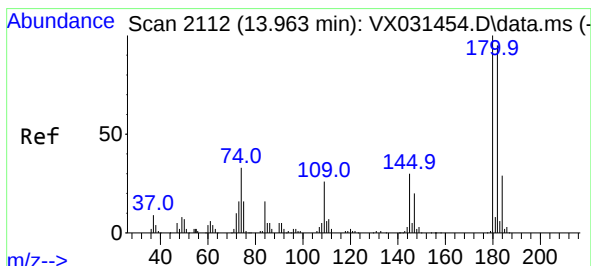
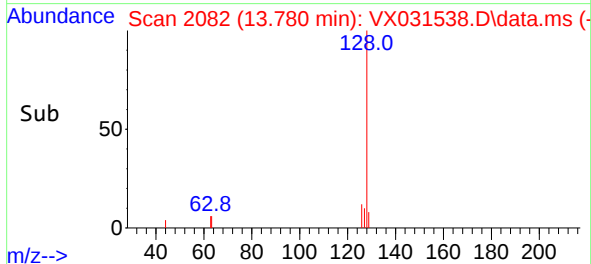
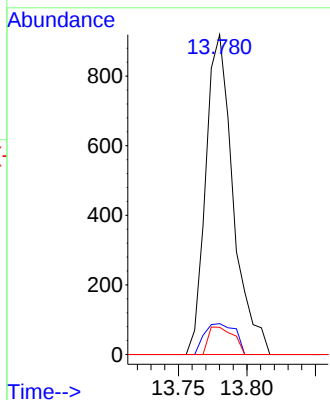
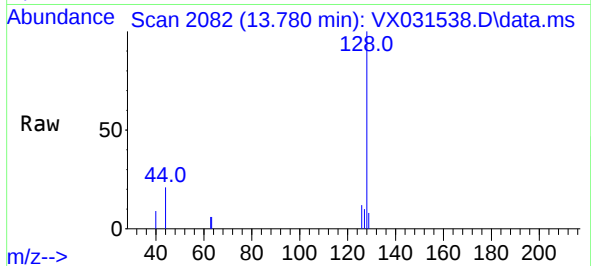




#95
Naphthalene
Concen: 0.328 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128	Resp:	1280
Ion Ratio	Lower	Upper
128	100	
127	10.9	10.4 15.6
129	7.8	8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.207 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031538.D
Acq: 21 Sep 2022 23:38

Tgt Ion:180	Resp:	227
Ion Ratio	Lower	Upper
180	100	
182	106.2	47.9 143.8
145	38.8	17.6 52.8

