

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032698.D
 Acq On : 10 Nov 2022 01:50
 Operator : JC/MD
 Sample : VX1109MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBL02

Quant Time: Nov 10 03:08:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

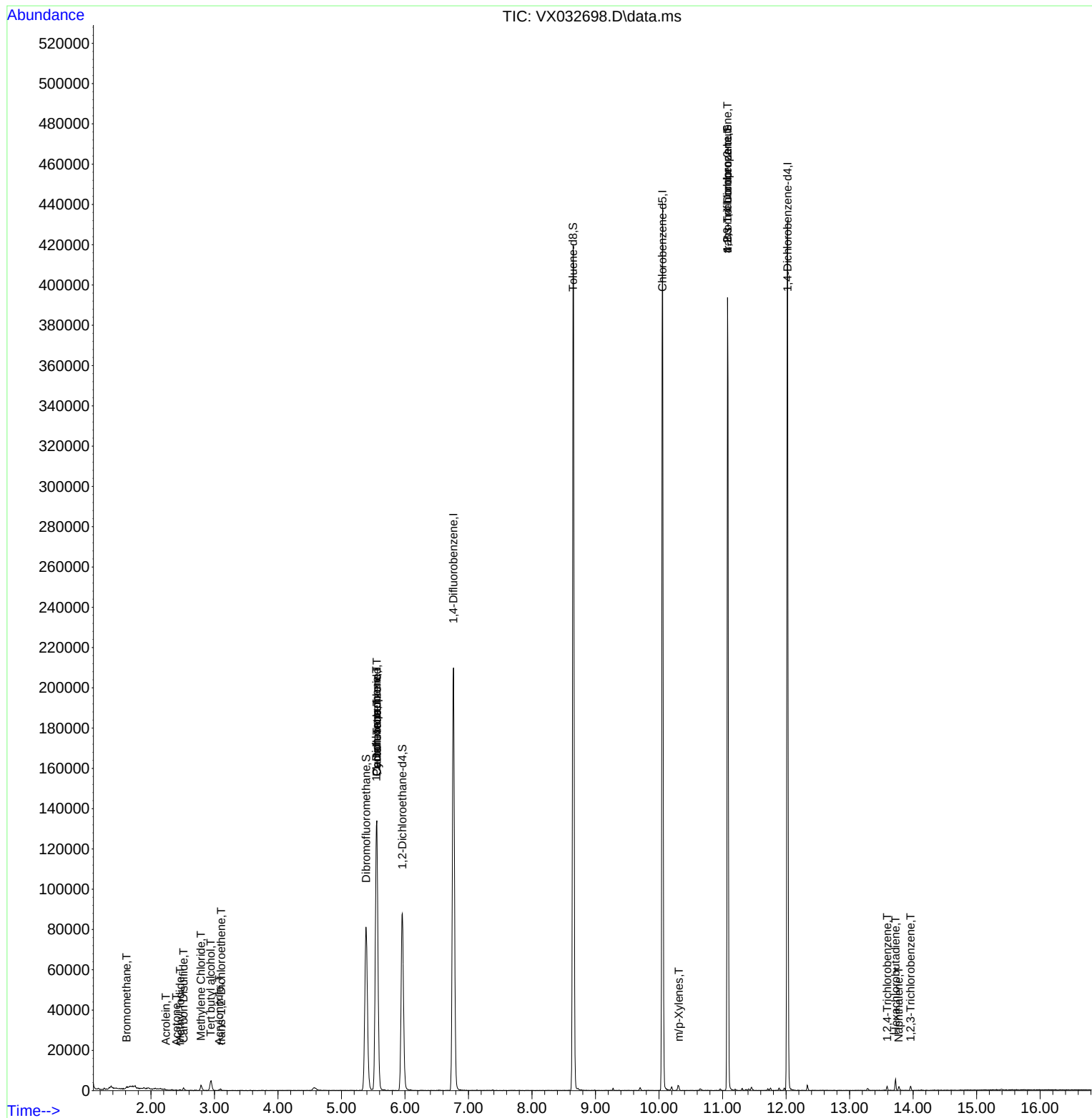
Internal Standards						
1) Pentafluorobenzene	5.556	168	126631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89856	51.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.140%			
35) Dibromofluoromethane	5.385	113	69507	46.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.240%			
50) Toluene-d8	8.647	98	256374	49.451	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	98613	48.694	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.380%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	324	0.298	ug/l #	71
10) Methyl Iodide	2.459	142	408	2.176	ug/l #	87
11) Tert butyl alcohol	2.940	59	3046	11.894	ug/l #	72
13) Acrolein	2.233	56	79	0.309	ug/l #	14
15) Acrylonitrile	3.075	53	259	0.373	ug/l #	64
16) Acetone	2.398	43	230	0.360	ug/l #	45
17) Carbon Disulfide	2.514	76	1364	0.451	ug/l	97
20) Methylene Chloride	2.788	84	1215	0.829	ug/l #	81
21) trans-1,2-Dichloroethene	3.105	96	278	0.201	ug/l #	43
31) Cyclohexane	5.556	56	2972	1.393	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	9766	4.704	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13527	5.874	ug/l #	15
68) m/p-Xylenes	10.311	106	635	0.217	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	54558	27.545	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	54558	87.649	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	557	0.266	ug/l	89
94) Hexachlorobutadiene	13.725	225	806	0.920	ug/l	95
95) Naphthalene	13.774	128	1650	0.236	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	671	0.315	ug/l	93

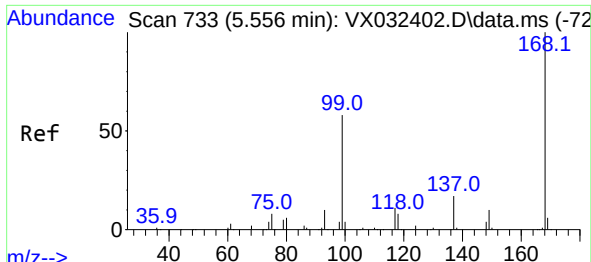
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

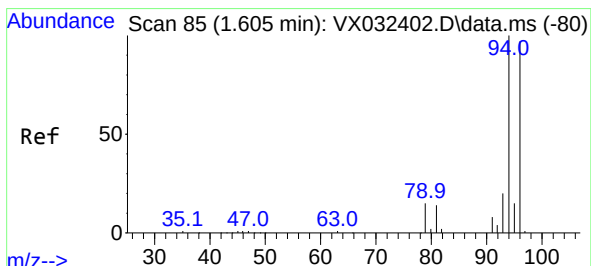
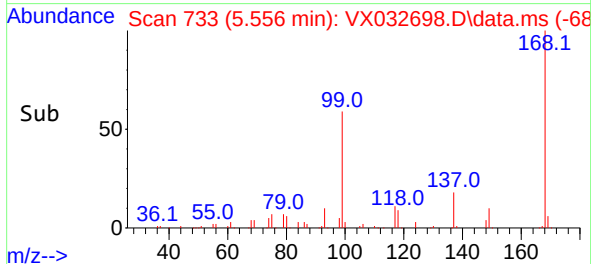
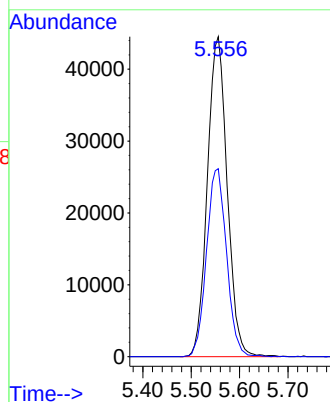
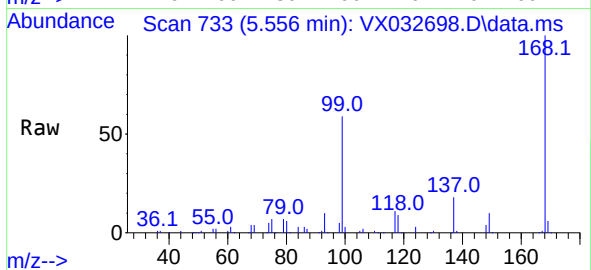




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

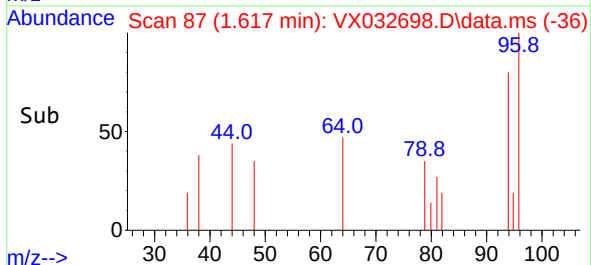
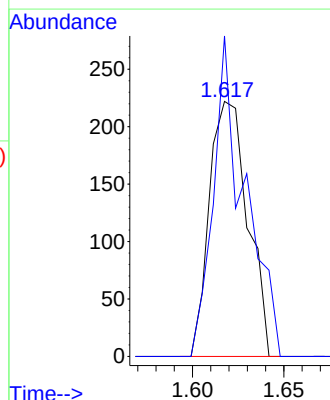
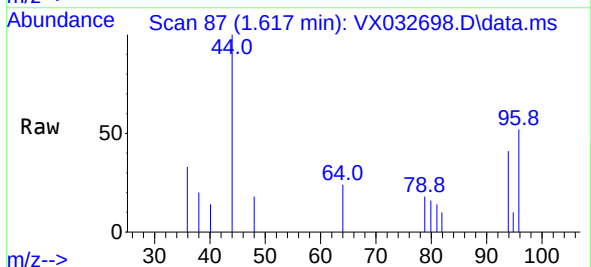
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

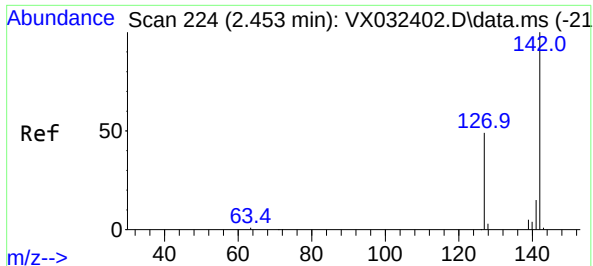
Tgt Ion:168 Resp: 126631
Ion Ratio Lower Upper
168 100
99 58.7 46.1 69.1



#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 125.7 77.6 116.4#

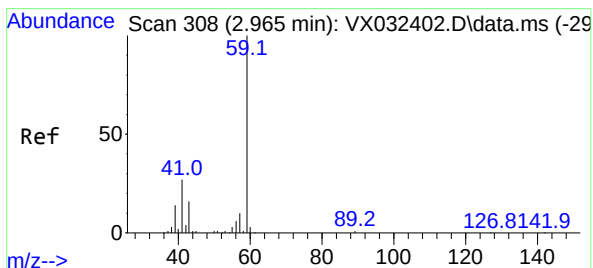
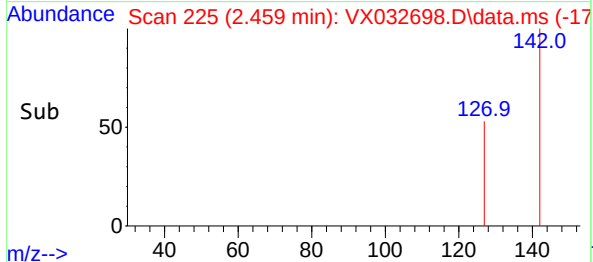
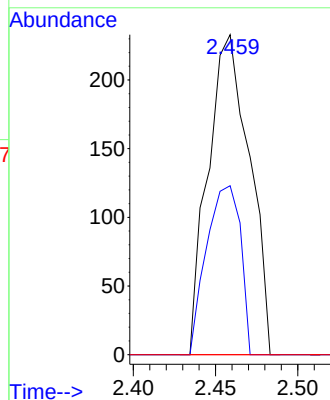
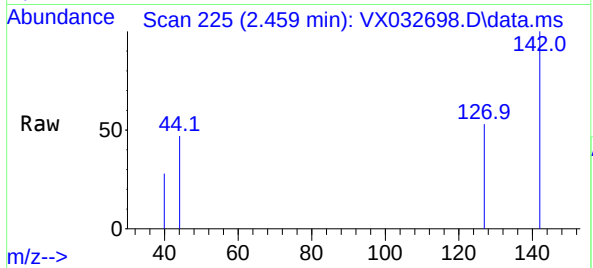




#10
Methyl Iodide
Concen: 2.176 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

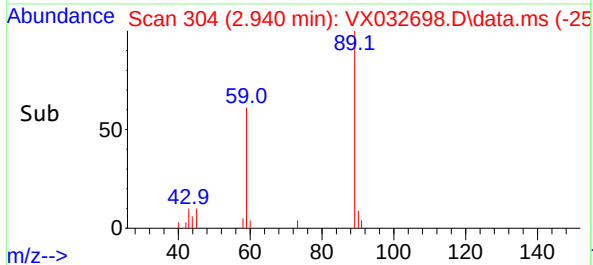
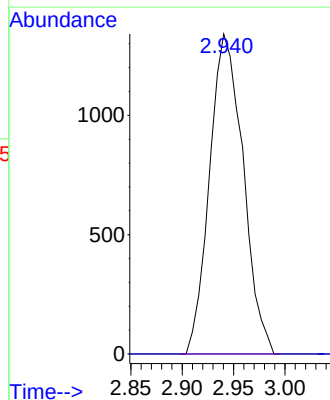
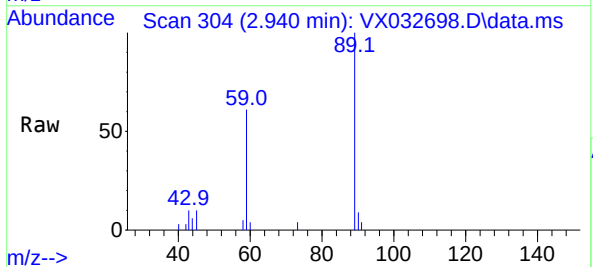
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

Tgt Ion:142 Resp: 408
Ion Ratio Lower Upper
142 100
127 43.4 38.6 57.8
141 0.0 11.4 17.2#

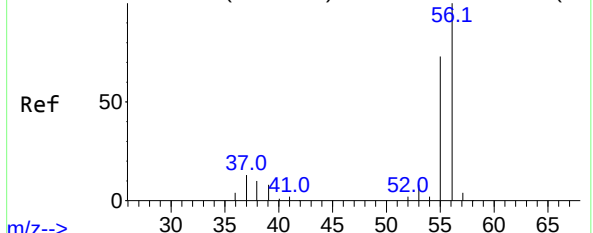


#11
Tert butyl alcohol
Concen: 11.894 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Tgt Ion: 59 Resp: 3046
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

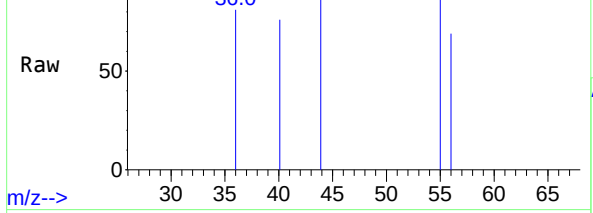


Abundance Scan 188 (2.233 min): VX032402.D\data.ms (-18



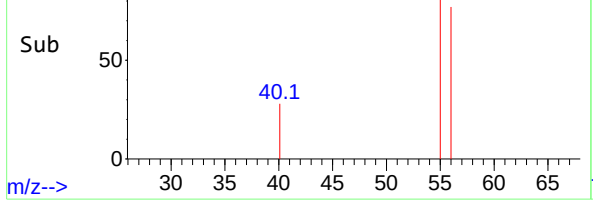
m/z-->

Abundance Scan 188 (2.233 min): VX032698.D\data.ms



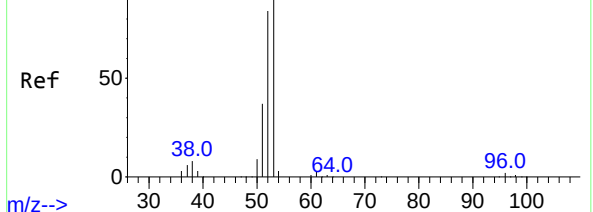
m/z-->

Abundance Scan 188 (2.233 min): VX032698.D\data.ms (-13



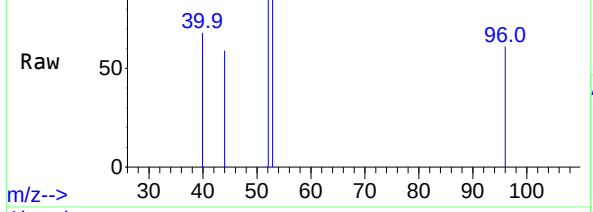
m/z-->

Abundance Scan 324 (3.062 min): VX032402.D\data.ms (-31



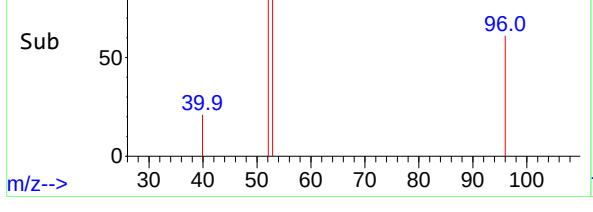
m/z-->

Abundance Scan 326 (3.075 min): VX032698.D\data.ms



m/z-->

Abundance Scan 326 (3.075 min): VX032698.D\data.ms (-27



m/z-->

#13

Acrolein

Concen: 0.309 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032698.D

Acq: 10 Nov 2022 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBL02

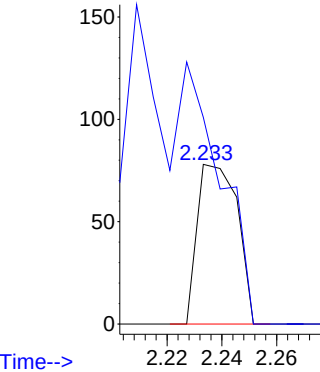
Tgt Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#

Abundance



Time-->

#15

Acrylonitrile

Concen: 0.373 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX032698.D

Acq: 10 Nov 2022 01:50

Tgt Ion: 53 Resp: 259

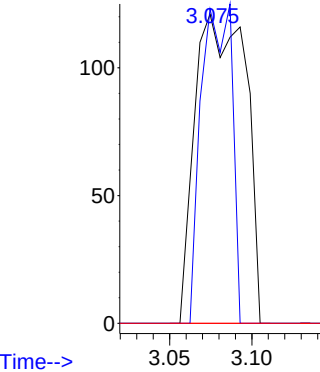
Ion Ratio Lower Upper

53 100

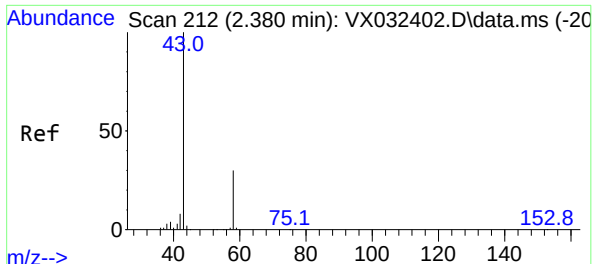
52 62.2 67.4 101.0#

51 0.0 30.3 45.5#

Abundance



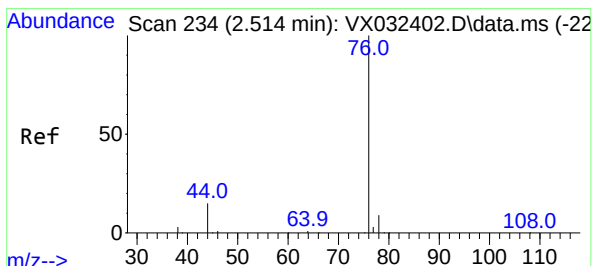
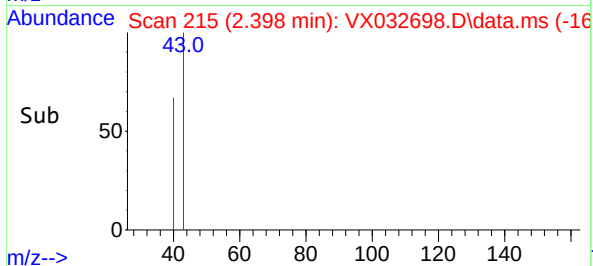
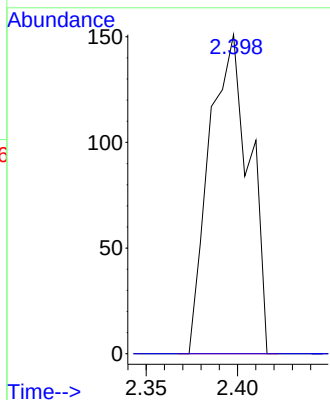
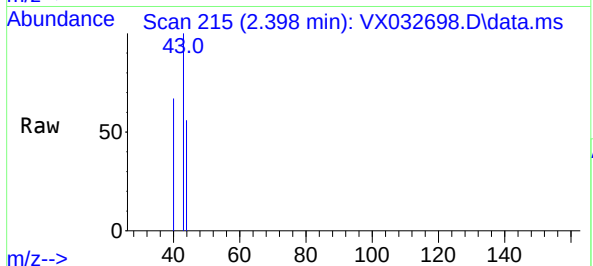
Time-->



#16
Acetone
Concen: 0.360 ug/l
RT: 2.398 min Scan# 212
Delta R.T. 0.018 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

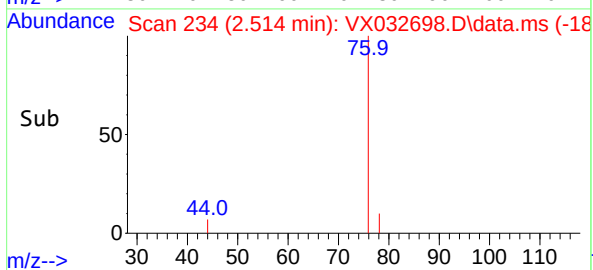
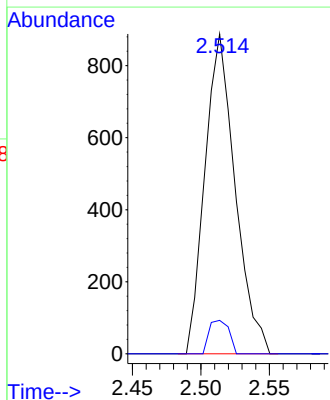
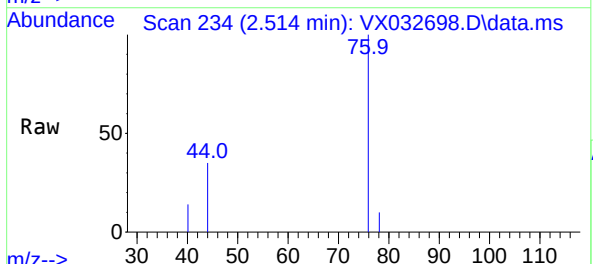
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

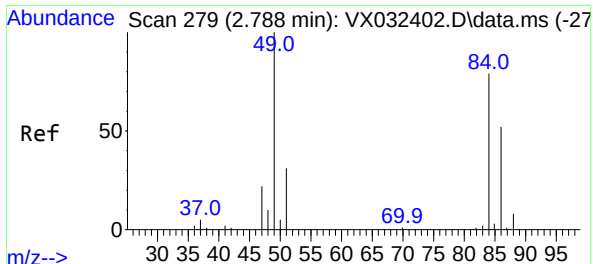
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.451 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

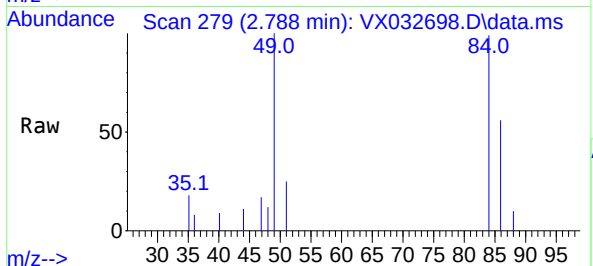
Tgt Ion: 76 Resp: 1364
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3





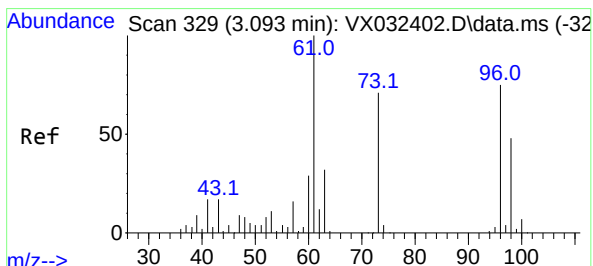
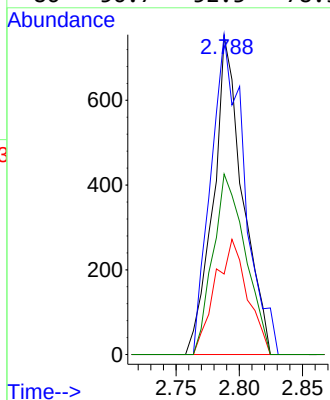
#20
Methylene Chloride
Concen: 0.829 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02



Tgt Ion: 84 Resp: 1215

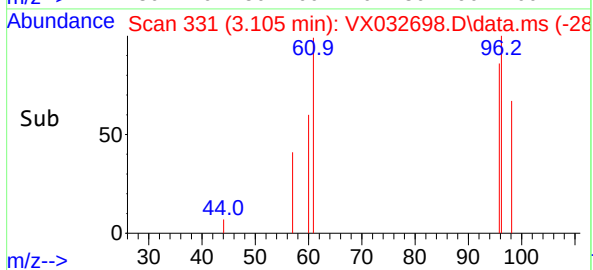
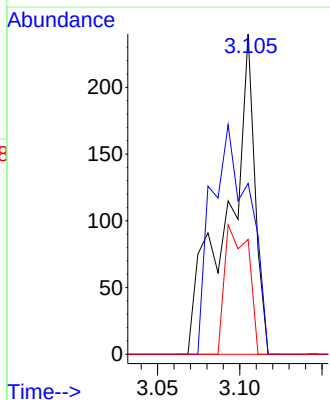
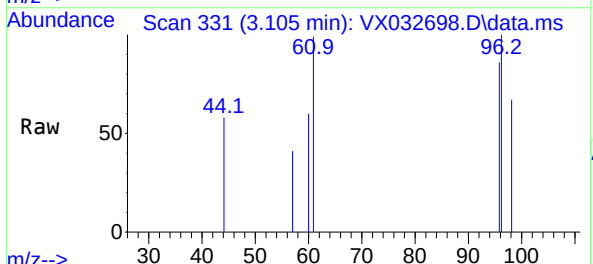
Ion	Ratio	Lower	Upper
84	100		
49	100.5	101.0	151.6#
51	25.3	31.1	46.7#
86	56.7	52.3	78.5

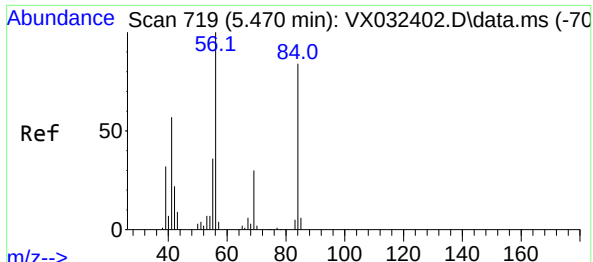


#21
trans-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Tgt Ion: 96 Resp: 278

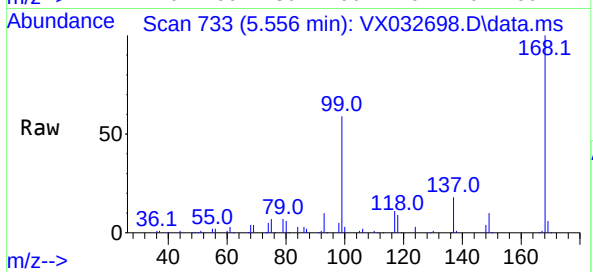
Ion	Ratio	Lower	Upper
96	100		
61	53.3	106.6	160.0#
98	35.8	51.0	76.6#



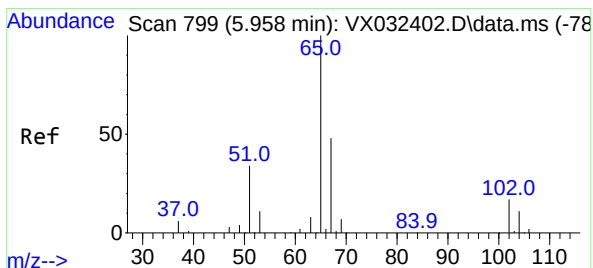
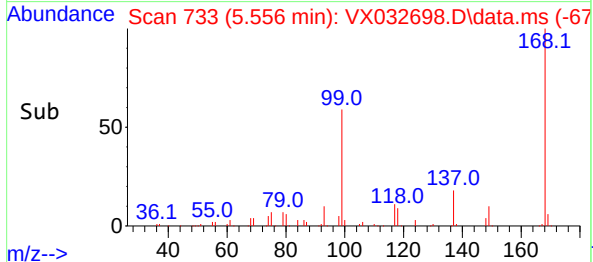
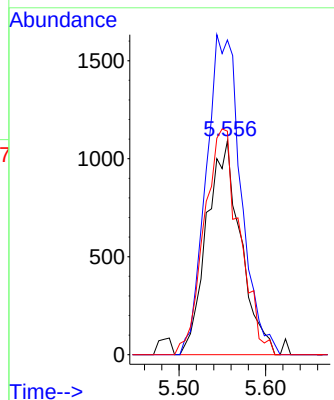


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

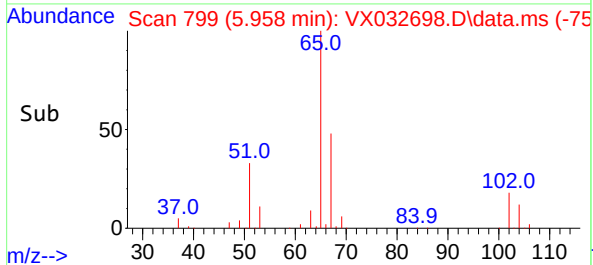
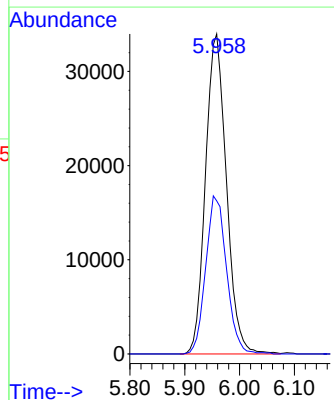
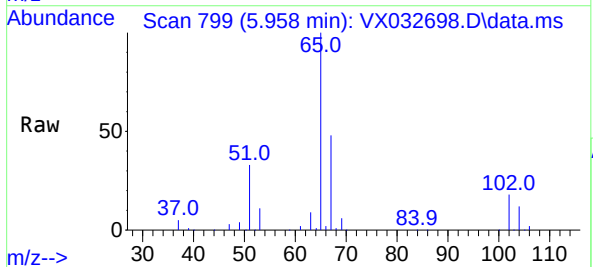


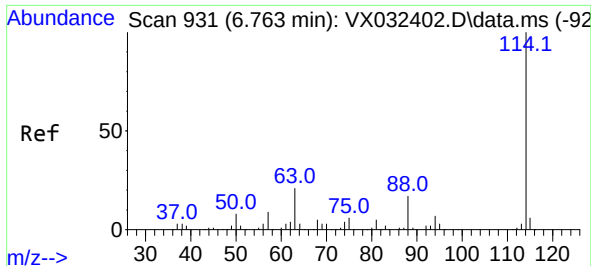
Tgt Ion: 56 Resp: 2972
Ion Ratio Lower Upper
56 100
69 147.2 24.1 36.1#
84 104.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.069 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Tgt Ion: 65 Resp: 89856
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

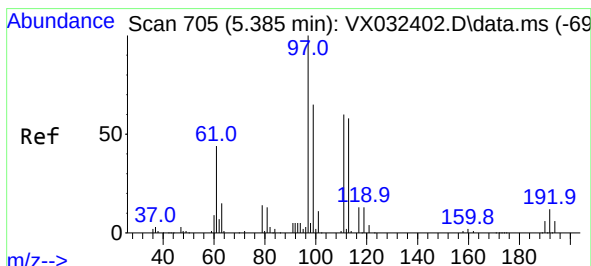
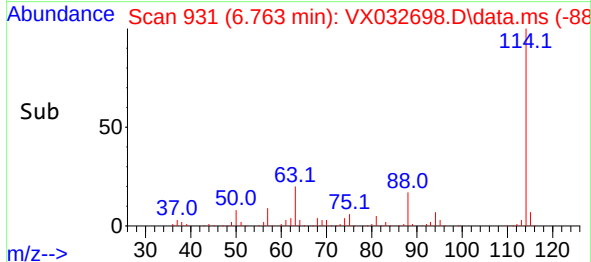
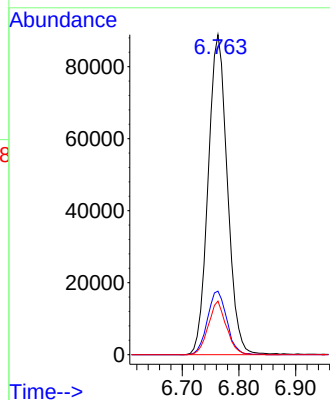
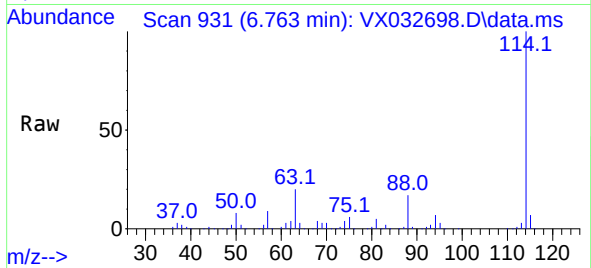




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

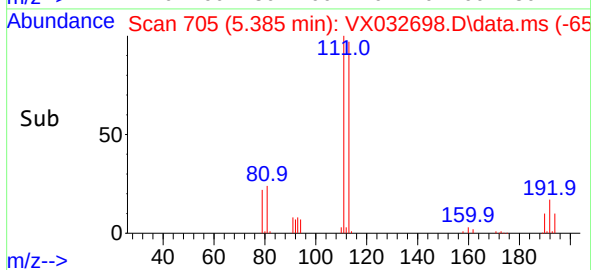
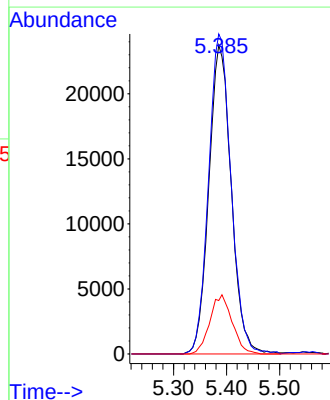
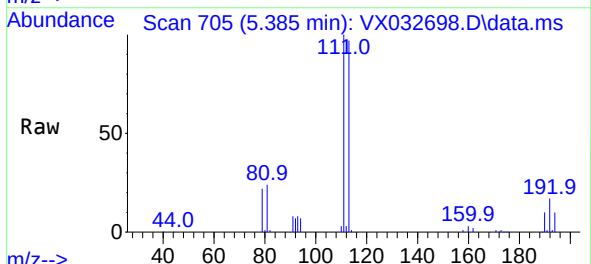
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

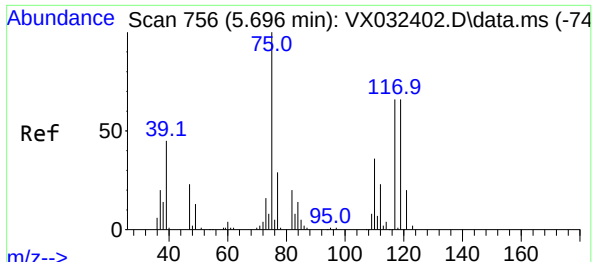
Tgt Ion:114 Resp: 209022
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 16.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.618 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Tgt Ion:113 Resp: 69507
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.1 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032698.D

Acq: 10 Nov 2022 01:50

Instrument :

MSVOA_X

ClientSampleId :

VX1109MBL02

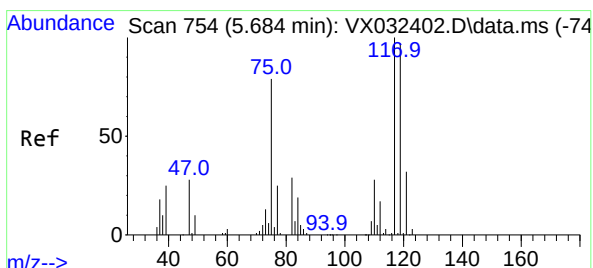
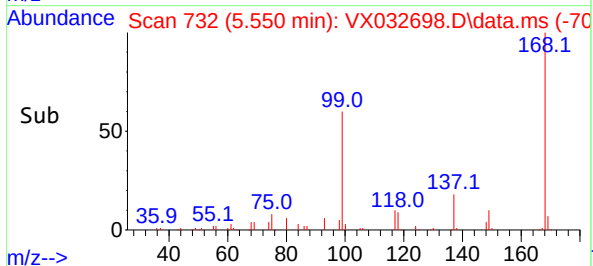
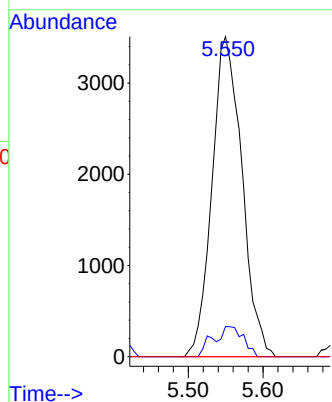
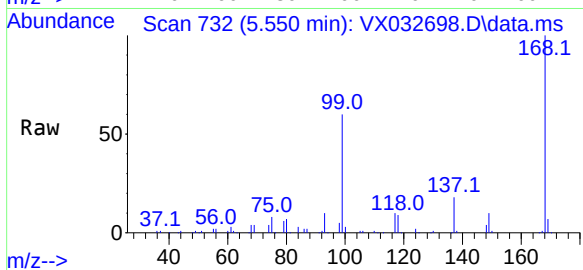
Tgt Ion: 75 Resp: 9766

Ion Ratio Lower Upper

75 100

110 9.3 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.874 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032698.D

Acq: 10 Nov 2022 01:50

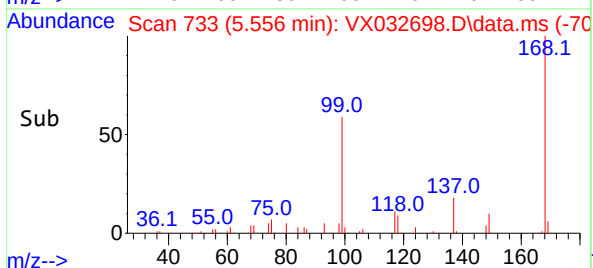
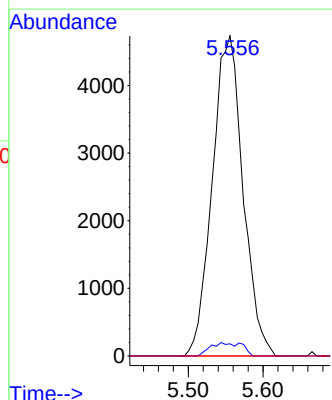
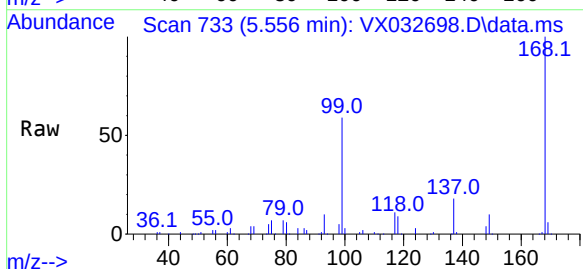
Tgt Ion: 117 Resp: 13527

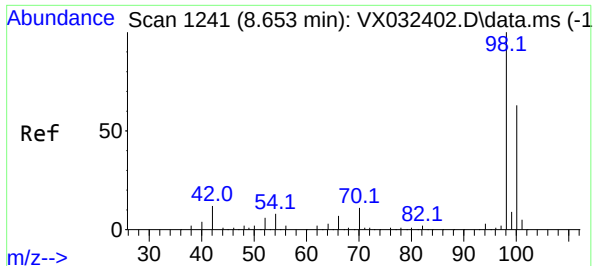
Ion Ratio Lower Upper

117 100

119 3.8 77.2 115.8#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.451 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032698.D

Acq: 10 Nov 2022 01:50

Instrument :

MSVOA_X

ClientSampleId :

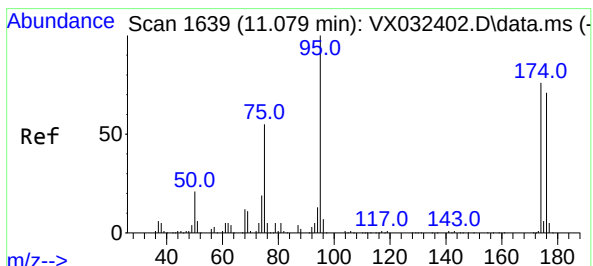
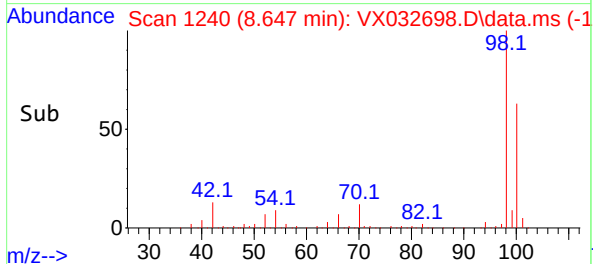
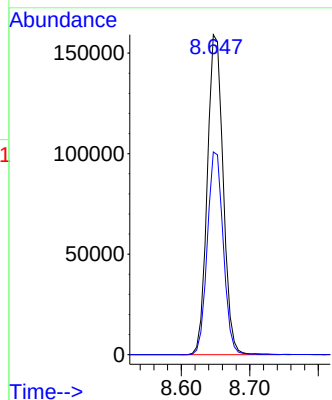
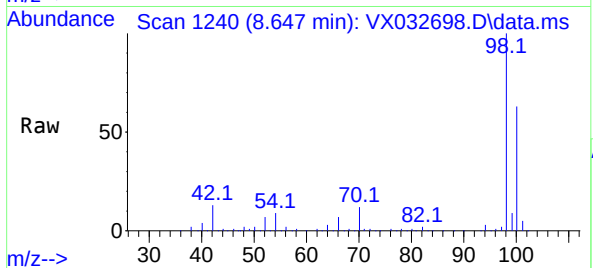
VX1109MBL02

Tgt Ion: 98 Resp: 256374

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032698.D

Acq: 10 Nov 2022 01:50

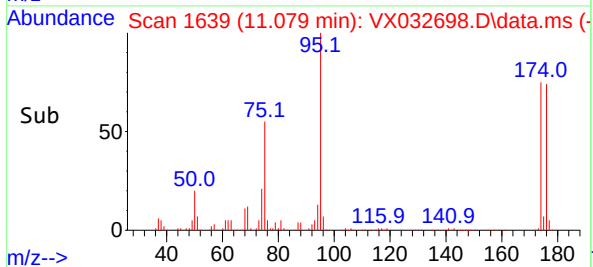
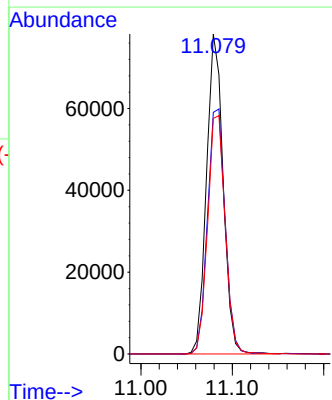
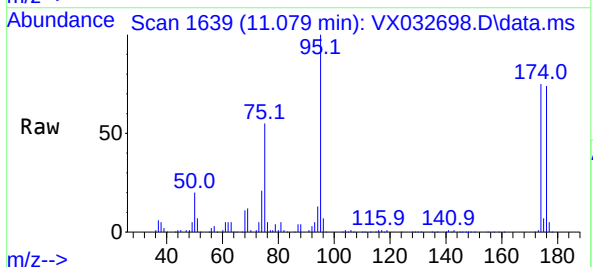
Tgt Ion: 95 Resp: 98613

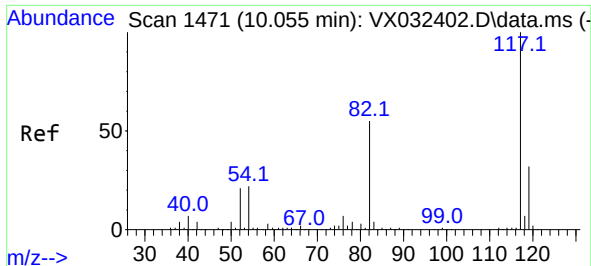
Ion Ratio Lower Upper

95 100

174 81.6 0.0 164.0

176 78.8 0.0 154.4

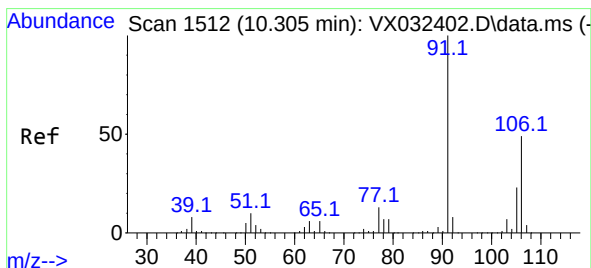
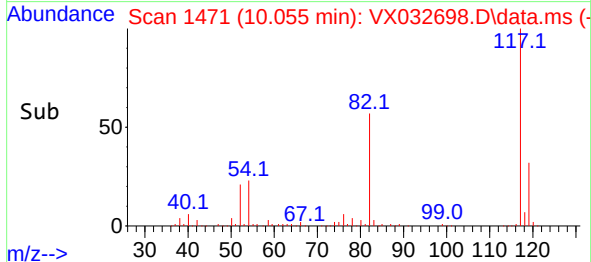
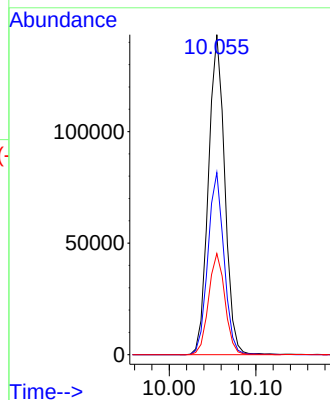
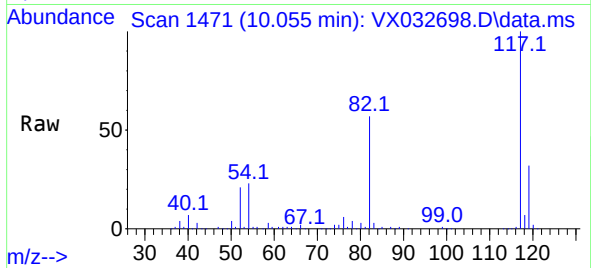




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

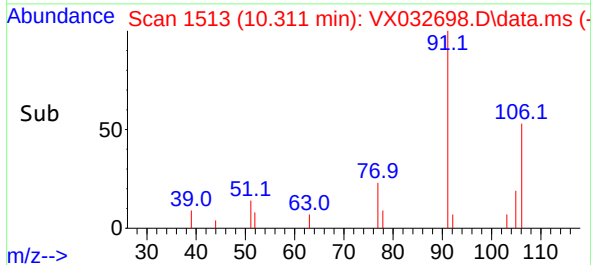
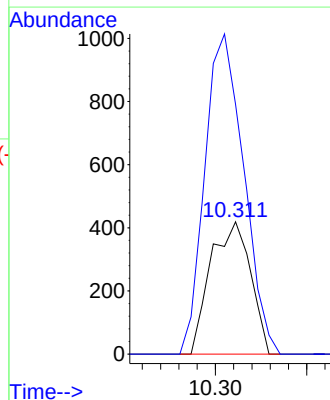
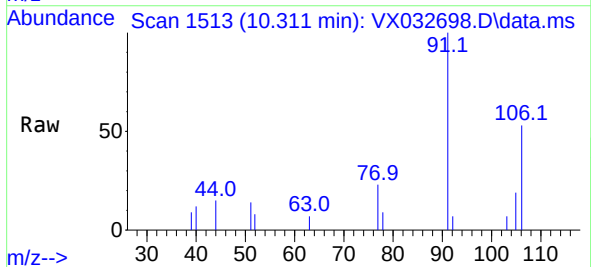
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

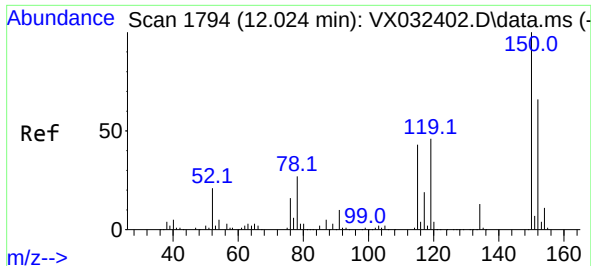
Tgt Ion:117 Resp: 188003
Ion Ratio Lower Upper
117 100
82 56.9 44.3 66.5
119 31.6 25.7 38.5



#68
m/p-Xylenes
Concen: 0.217 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Tgt Ion:106 Resp: 635
Ion Ratio Lower Upper
106 100
91 236.7 164.5 246.7

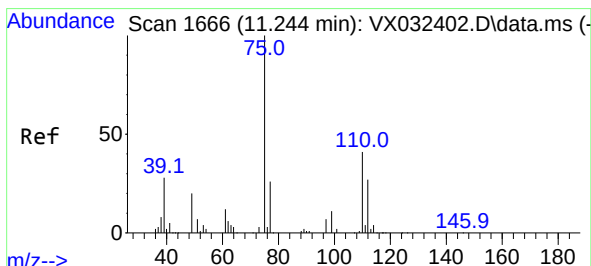
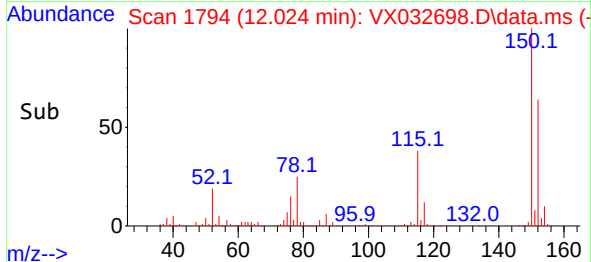
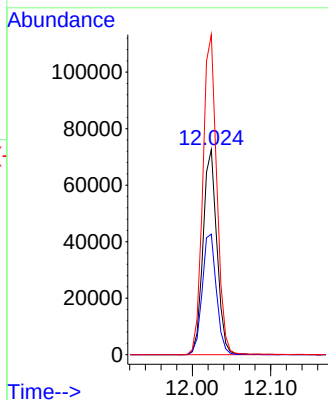
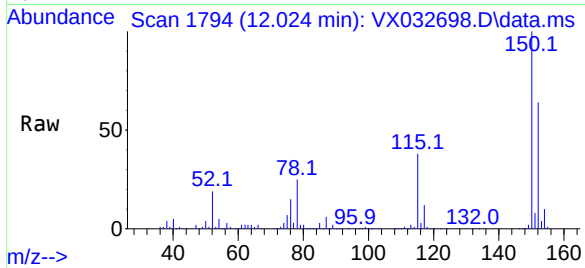




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

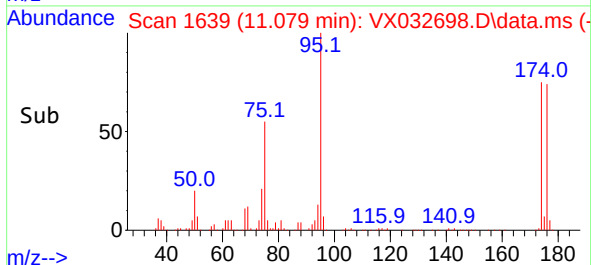
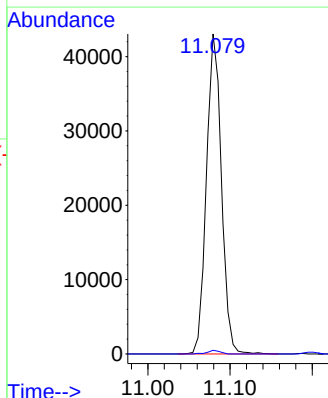
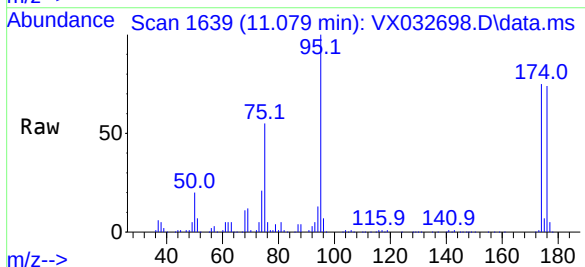
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

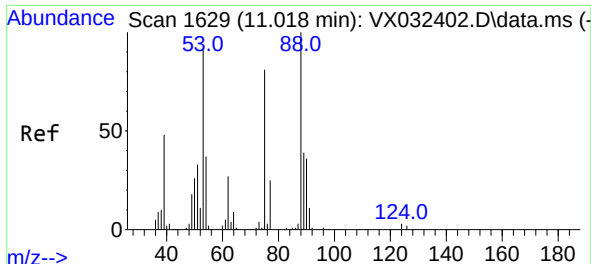
Tgt Ion:152 Resp: 89029
Ion Ratio Lower Upper
152 100
115 60.4 44.0 132.0
150 157.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.545 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Tgt Ion: 75 Resp: 54558
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

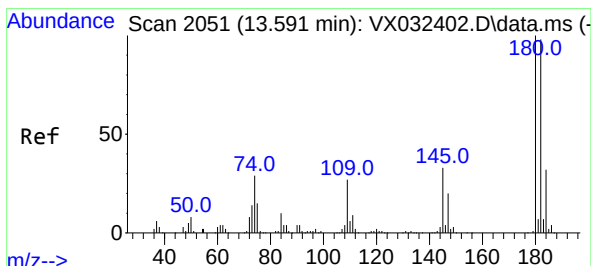
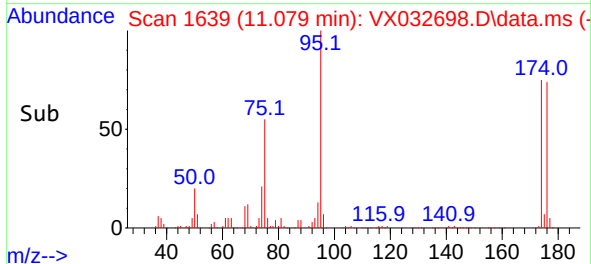
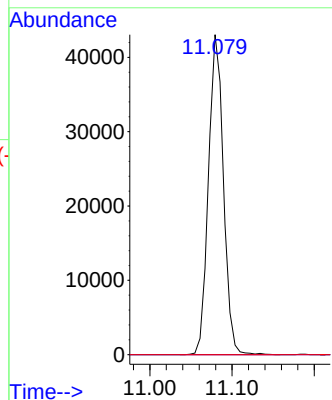
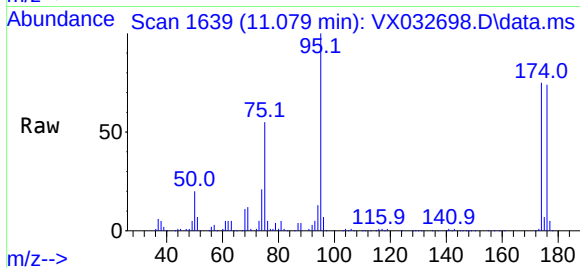




#81
trans-1,4-Dichloro-2-butene
Concen: 87.649 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

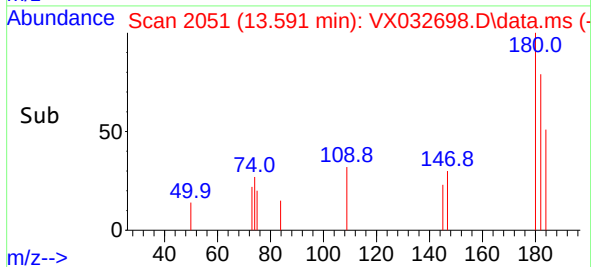
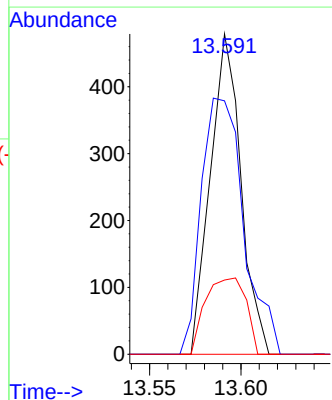
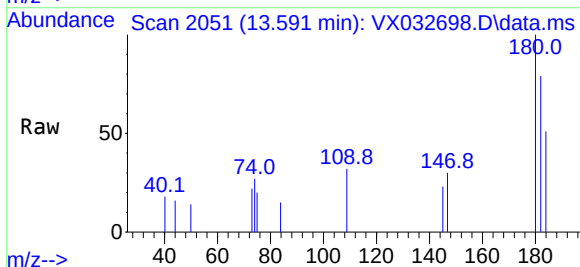
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

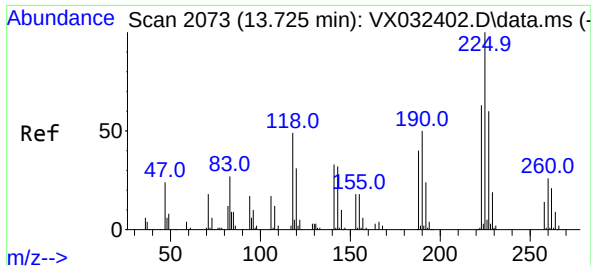
Tgt Ion: 75 Resp: 54558
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.266 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

Tgt Ion:180 Resp: 557
Ion Ratio Lower Upper
180 100
182 111.3 48.4 145.0
145 31.6 16.2 48.5

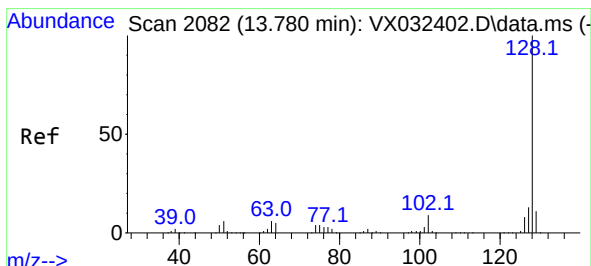
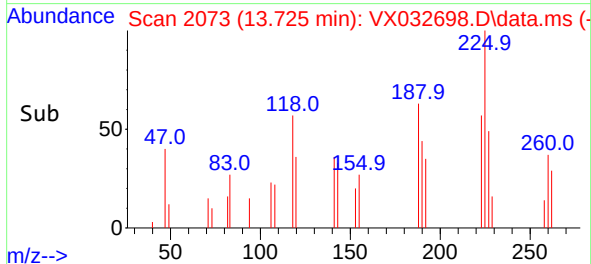
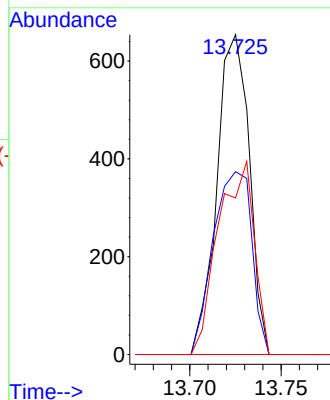
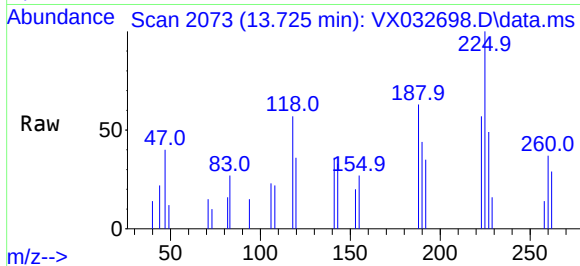




#94
Hexachlorobutadiene
Concen: 0.920 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

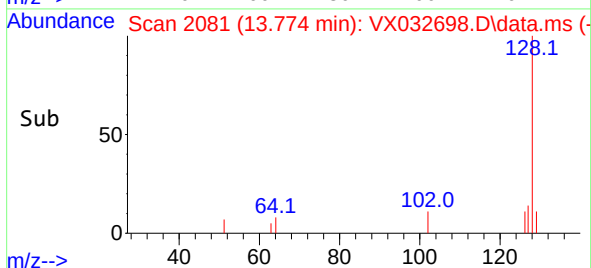
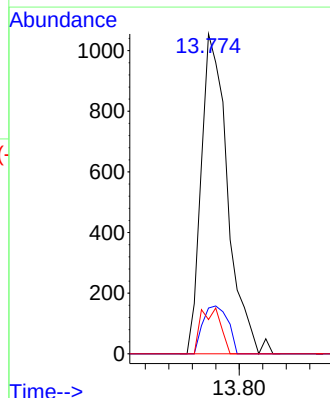
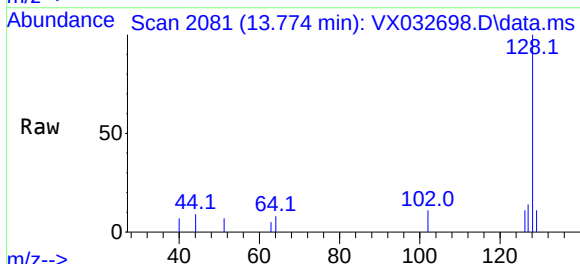
Instrument :
MSVOA_X
ClientSampleId :
VX1109MBL02

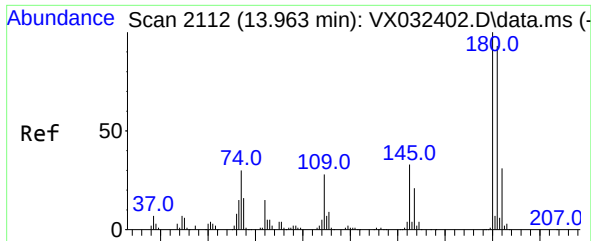
Tgt Ion:	225	Resp:	806
Ion	Ratio	Lower	Upper
225	100		
223	68.0	31.9	95.9
227	66.7	31.9	95.5



#95
Naphthalene
Concen: 0.236 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032698.D
Acq: 10 Nov 2022 01:50

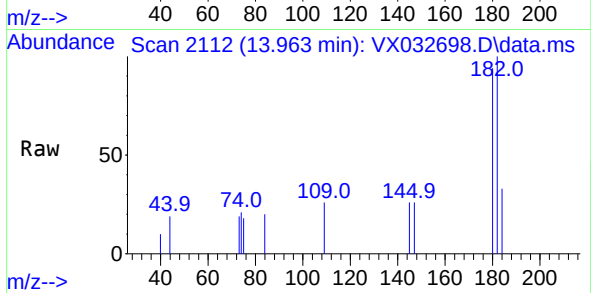
Tgt Ion:	128	Resp:	1650
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	10.7	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.315 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX032698.D
 Acq: 10 Nov 2022 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBL02



Tgt Ion:	180	Resp:	671
Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.5	142.6
145	25.8	16.9	50.6

