

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037155.D
 Acq On : 22 Aug 2023 15:11
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 15:39:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

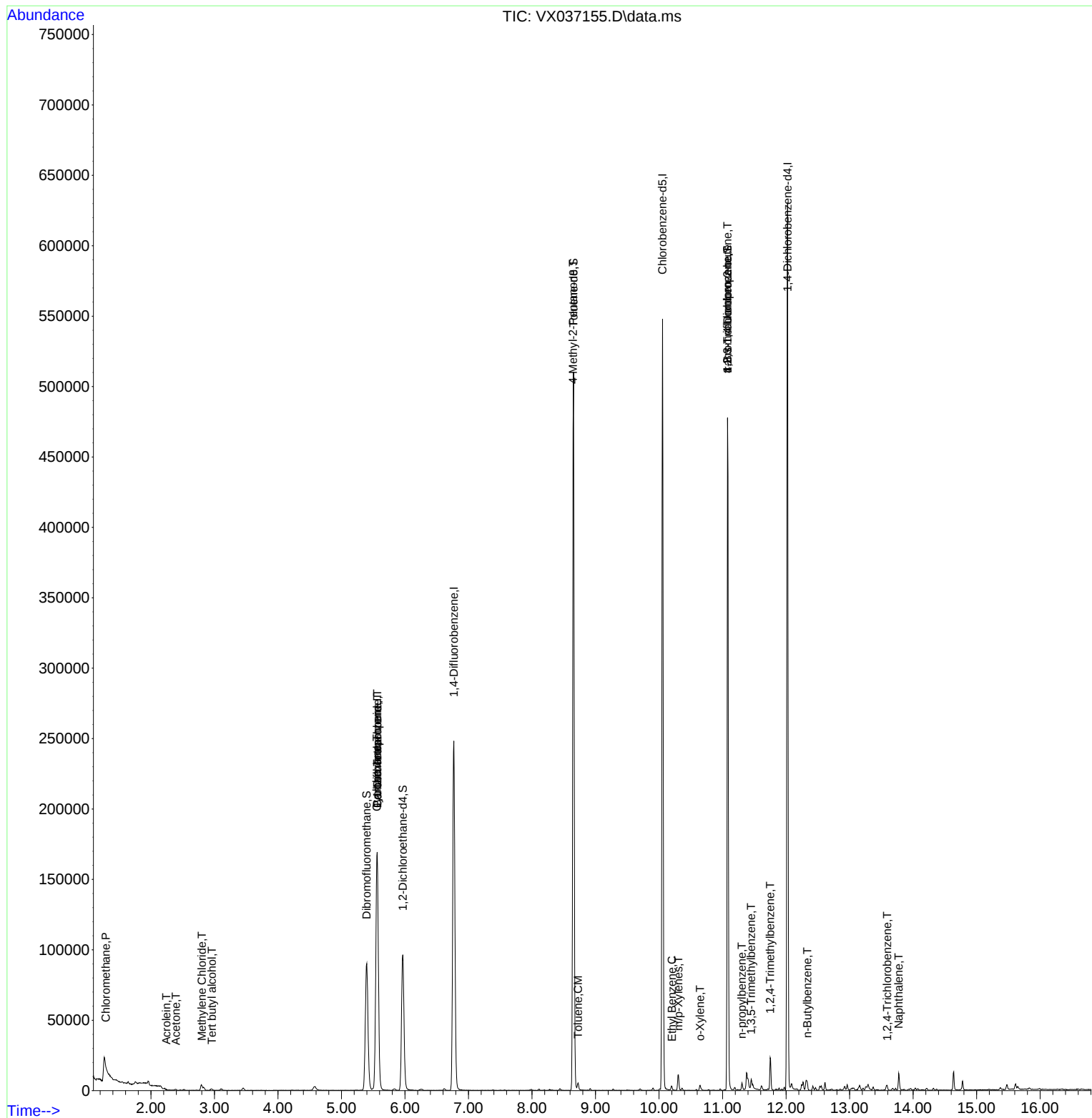
Internal Standards						
1) Pentafluorobenzene	5.562	168	156892	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	261957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99396	43.944	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.880%
35) Dibromofluoromethane	5.397	113	79341	45.733	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.460%
50) Toluene-d8	8.653	98	307643	48.886	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.780%
62) 4-Bromofluorobenzene	11.079	95	131168	53.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	458	0.287	ug/l #	43
11) Tert butyl alcohol	2.959	59	770	1.451	ug/l #	78
13) Acrolein	2.239	56	105	0.260	ug/l #	60
16) Acetone	2.392	43	818	0.924	ug/l	99
20) Methylene Chloride	2.800	84	1983	1.002	ug/l #	66
31) Cyclohexane	5.556	56	3684	1.449	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12934	5.247	ug/l #	52
38) Carbon Tetrachloride	5.562	117	16703	6.238	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1163	0.479	ug/l #	1
52) Toluene	8.726	92	2089	0.447	ug/l	98
67) Ethyl Benzene	10.201	91	2070	0.226	ug/l	100
68) m/p-Xylenes	10.305	106	2834	0.801	ug/l	97
69) o-Xylene	10.646	106	899	0.257	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	67207	24.004	ug/l #	39
78) n-propylbenzene	11.305	91	3432	0.323	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	2841	0.356	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	67207	67.044	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	10676	1.325	ug/l	96
89) n-Butylbenzene	12.335	91	2514	0.397	ug/l #	63
93) 1,2,4-Trichlorobenzene	13.591	180	533	0.213	ug/l	89
95) Naphthalene	13.774	128	8050	0.734	ug/l	99

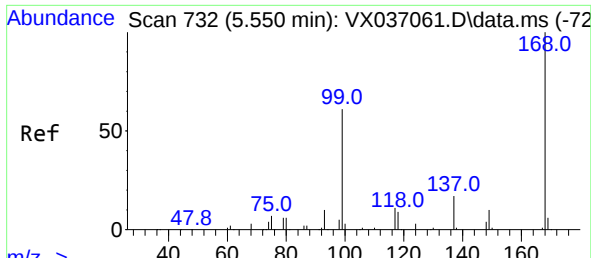
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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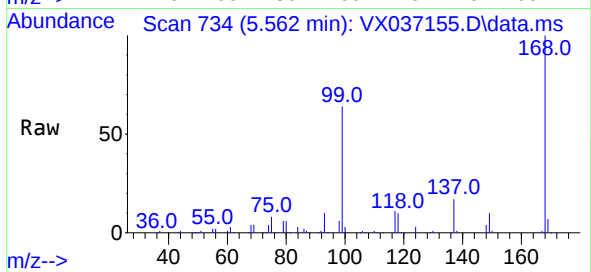
Quant Time: Aug 22 15:39:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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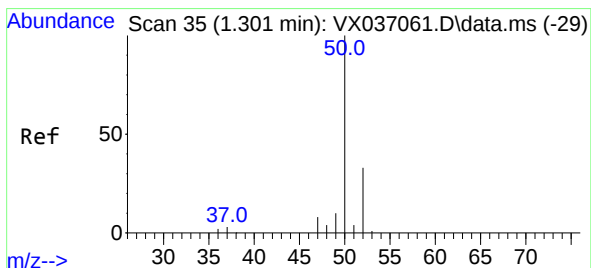
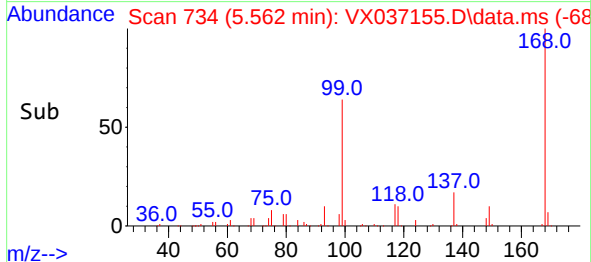
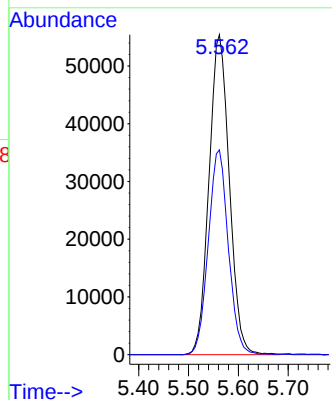


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

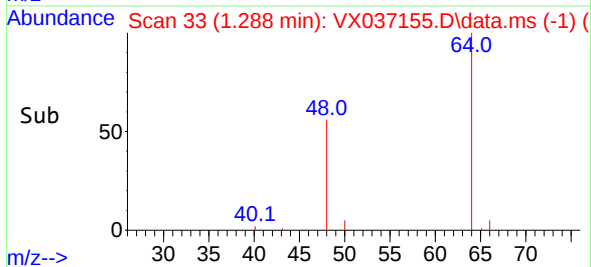
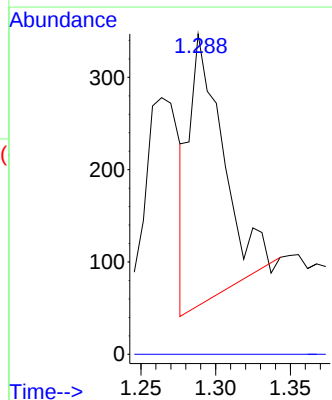
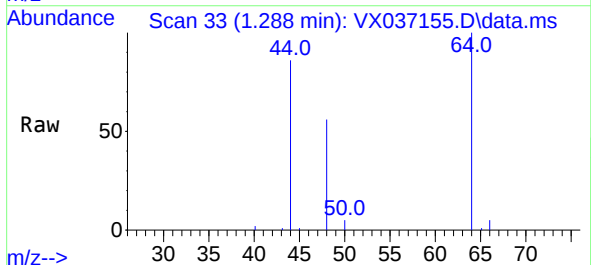


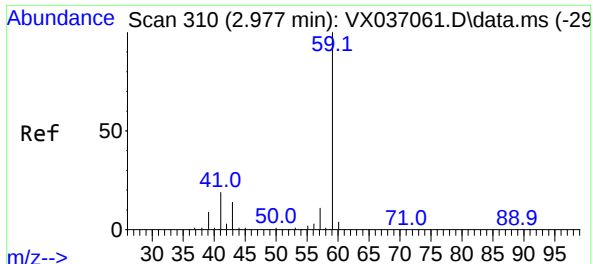
Tgt Ion:168 Resp: 156892
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#3
Chloromethane
Concen: 0.287 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.012 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 50 Resp: 458
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 1.451 ug/l

RT: 2.959 min Scan# 30

Delta R.T. -0.018 min

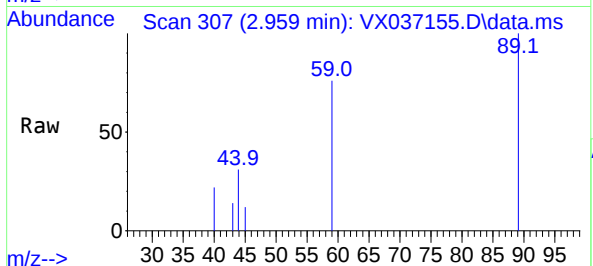
Lab File: VX037155.D

Acq: 22 Aug 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

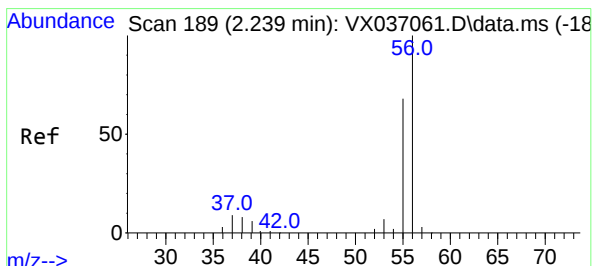
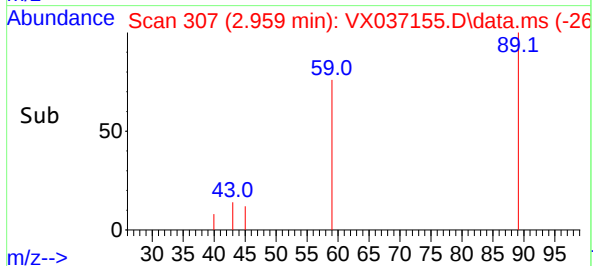
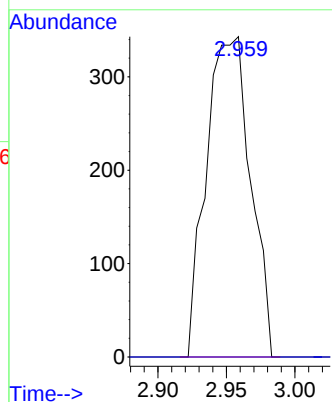


Tgt Ion: 59 Resp: 770

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.260 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037155.D

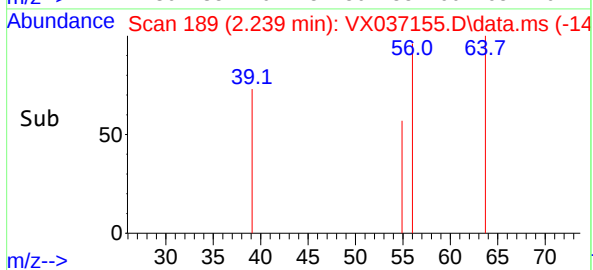
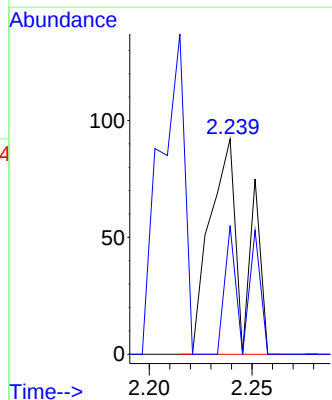
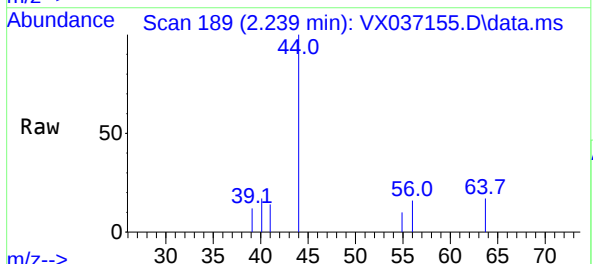
Acq: 22 Aug 2023 15:11

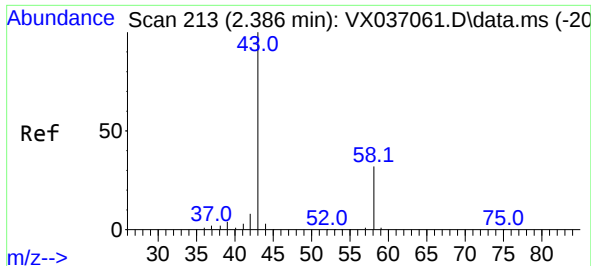
Tgt Ion: 56 Resp: 105

Ion Ratio Lower Upper

56 100

55 38.1 57.1 85.7#

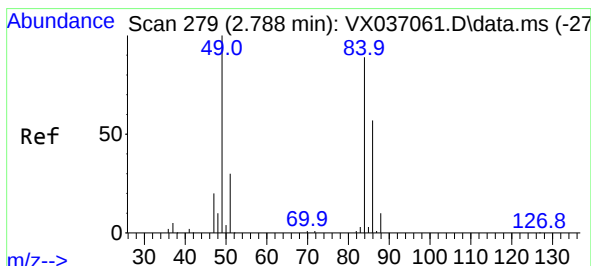
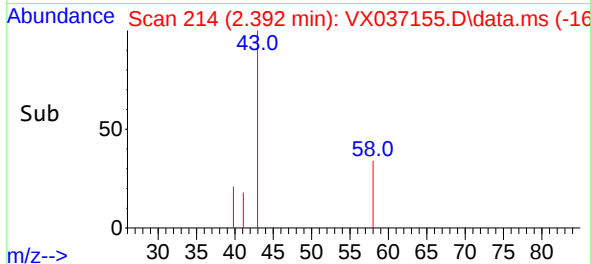
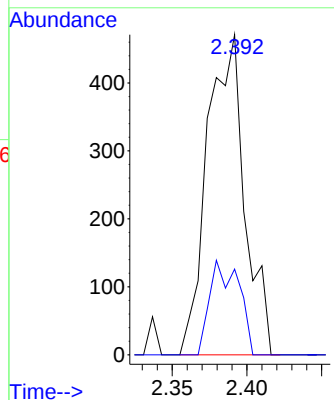
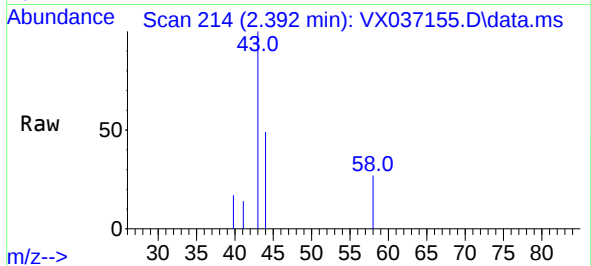




#16
Acetone
Concen: 0.924 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

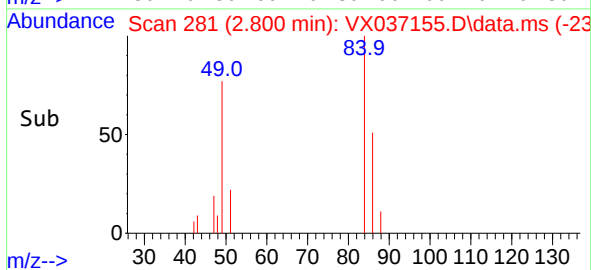
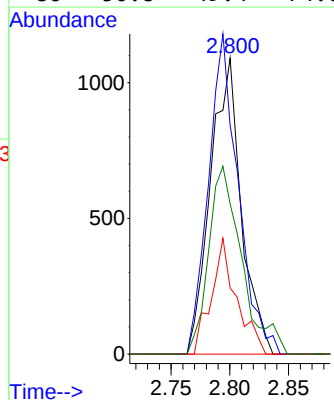
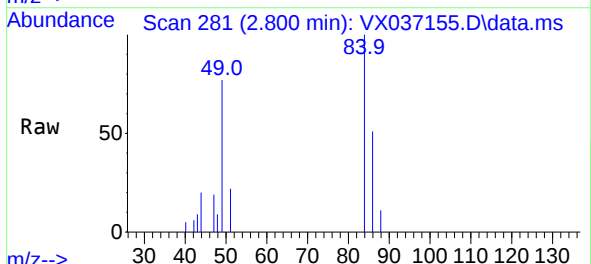
Instrument :
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ClientSampleId :

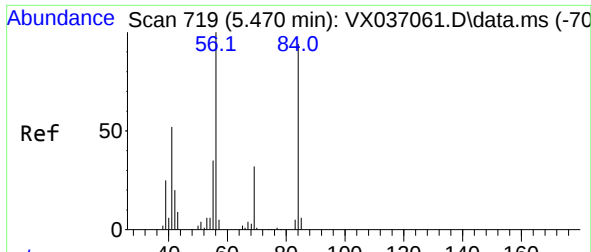
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9



#20
Methylene Chloride
Concen: 1.002 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

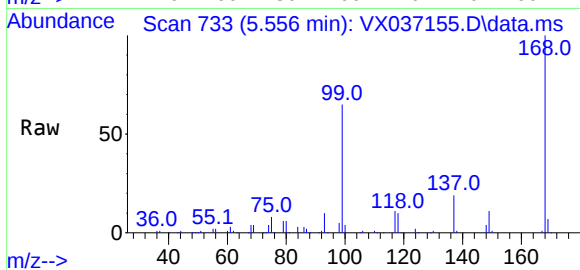
Tgt Ion: 84 Resp: 1983
Ion Ratio Lower Upper
84 100
49 77.3 103.6 155.4#
51 22.4 33.8 50.6#
86 50.8 49.4 74.0



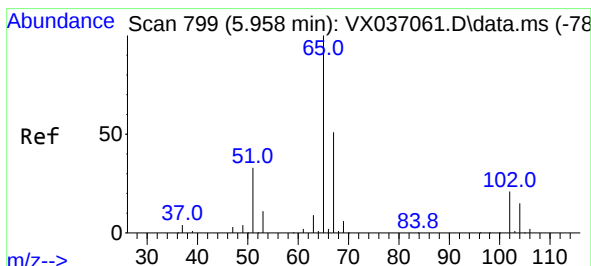
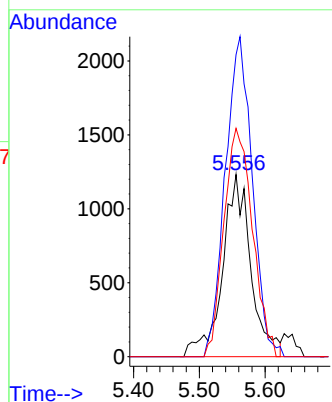
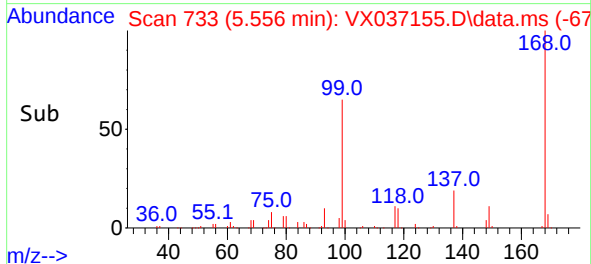


#31
Cyclohexane
Concen: 1.449 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

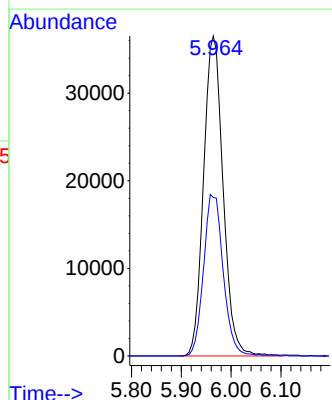
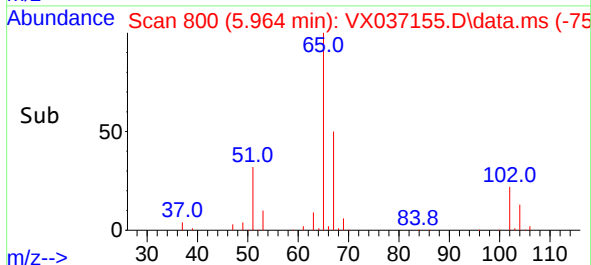
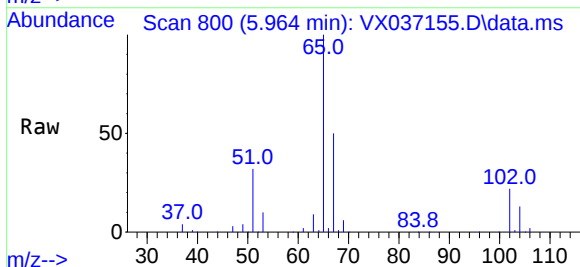


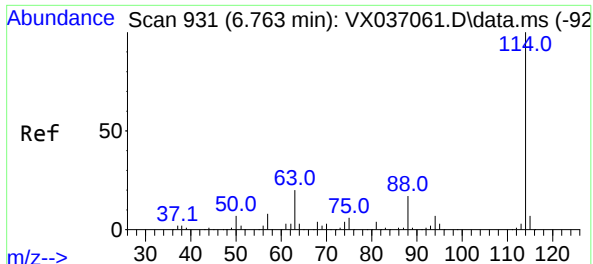
Tgt Ion: 56 Resp: 3684
Ion Ratio Lower Upper
56 100
69 165.7 23.4 35.2#
84 125.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.944 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 65 Resp: 99396
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

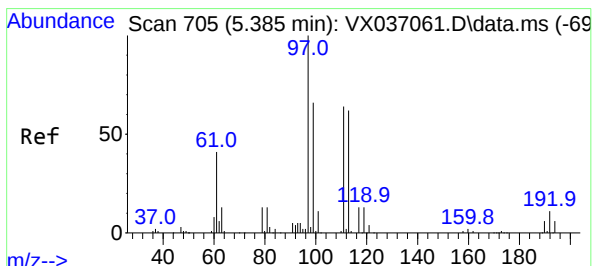
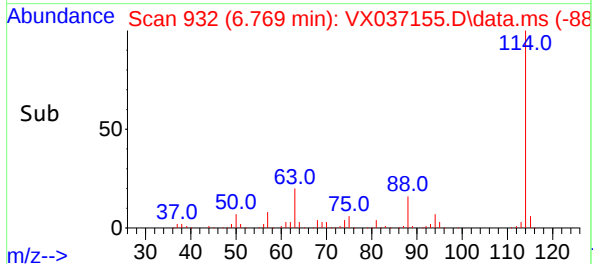
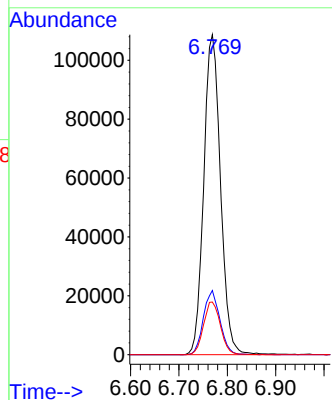
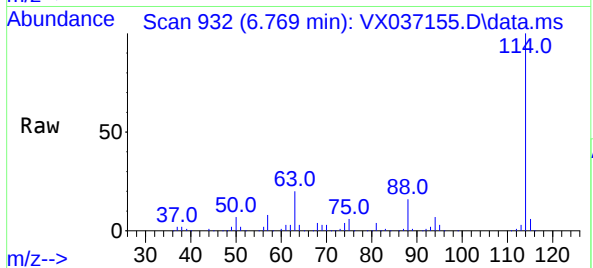




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

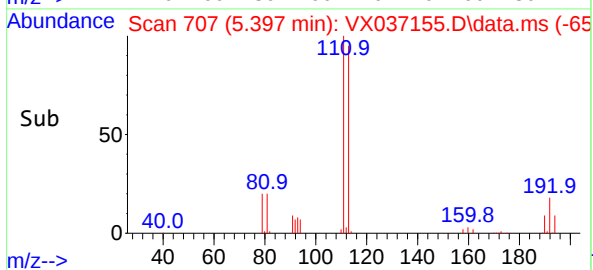
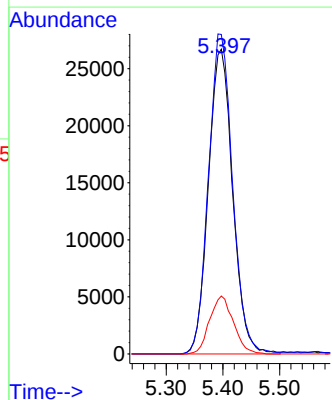
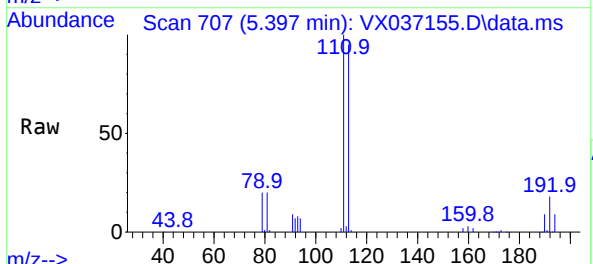
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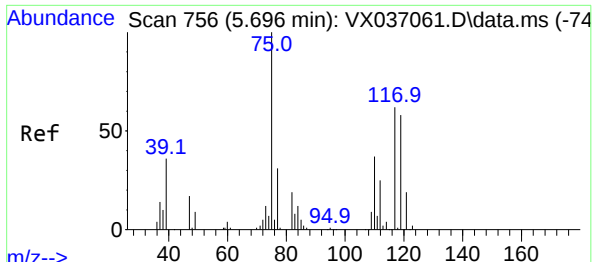
Tgt Ion:114 Resp: 261957
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.733 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

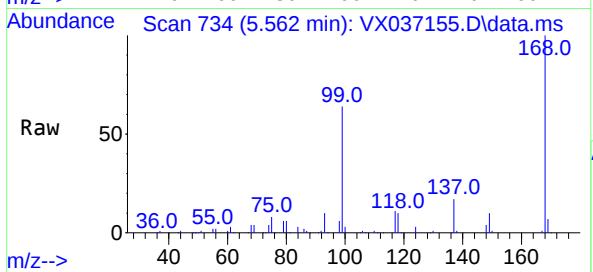
Tgt Ion:113 Resp: 79341
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 18.6 13.3 19.9



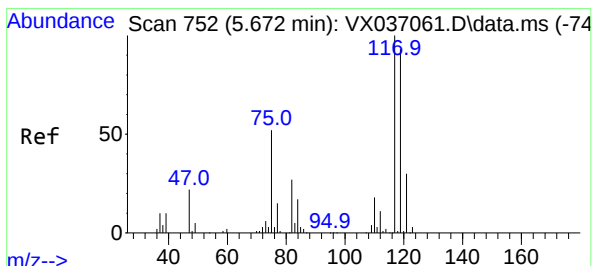
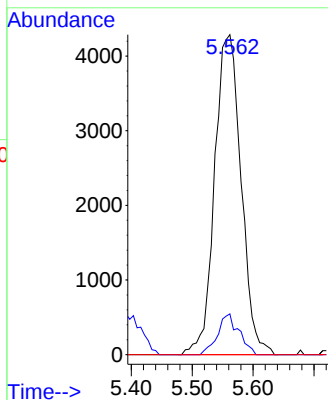
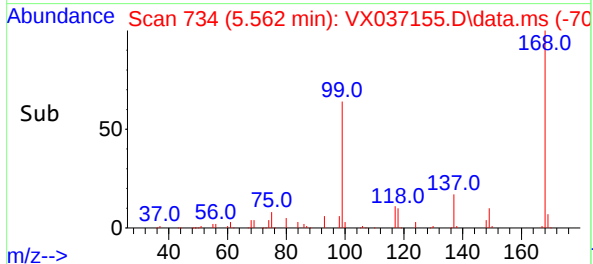


#36
1,1-Dichloropropene
Concen: 5.247 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

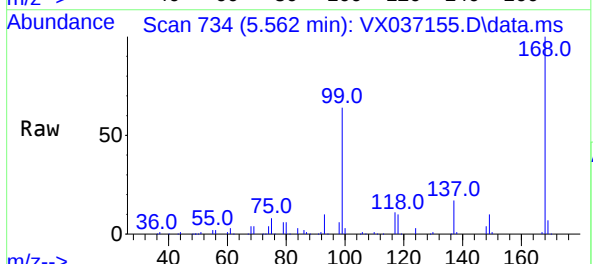
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ClientSampleId :



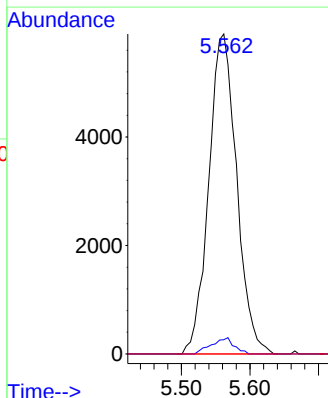
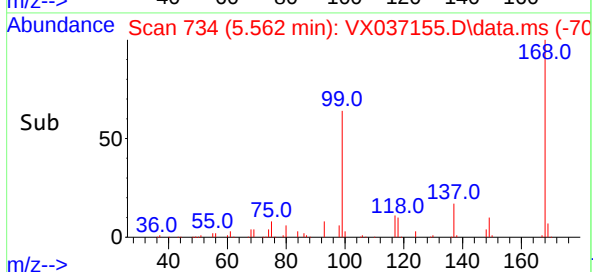
Tgt Ion: 75 Resp: 12934
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#

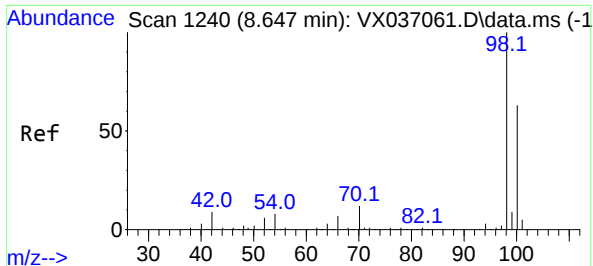


#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.110 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11



Tgt Ion: 117 Resp: 16703
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

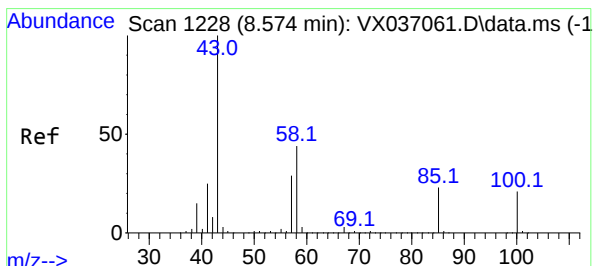
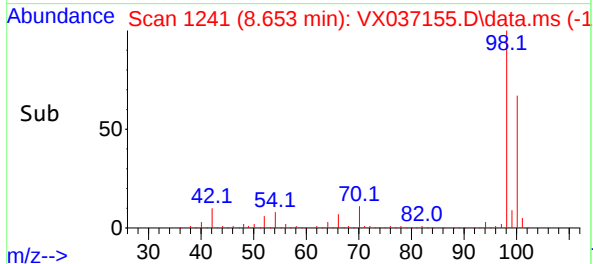
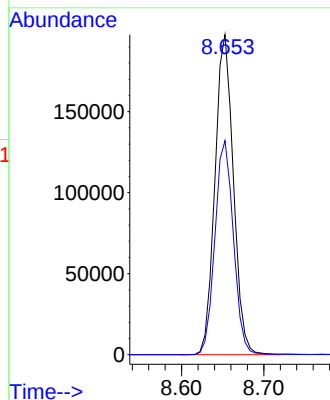
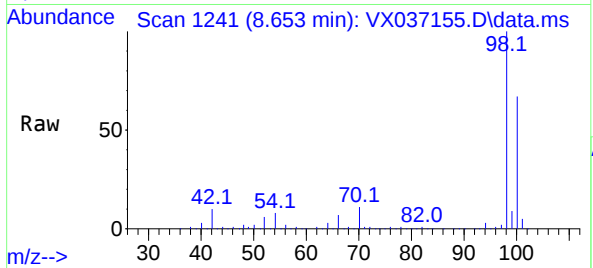




#50
Toluene-d8
Concen: 48.886 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

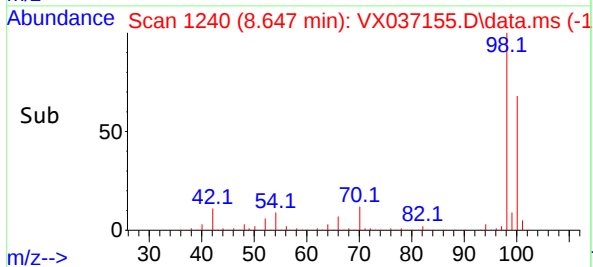
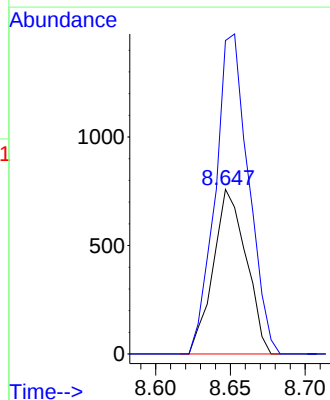
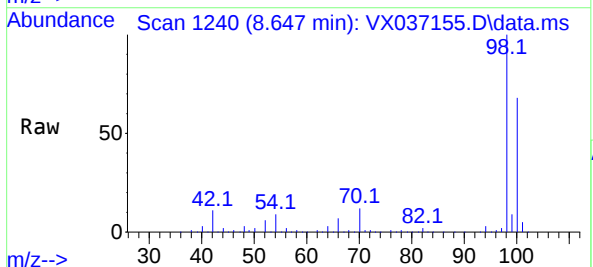
Instrument :
MSVOA_X
ClientSampleId :

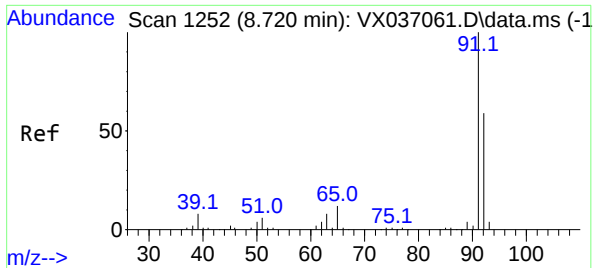
Tgt Ion: 98 Resp: 307643
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 196.5 30.4 45.6#

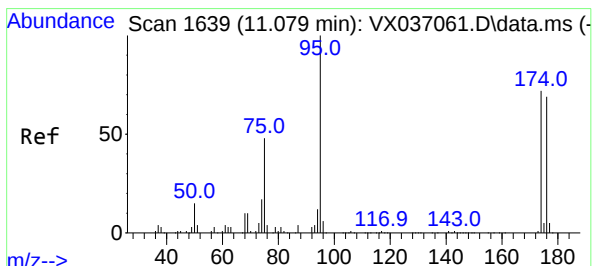
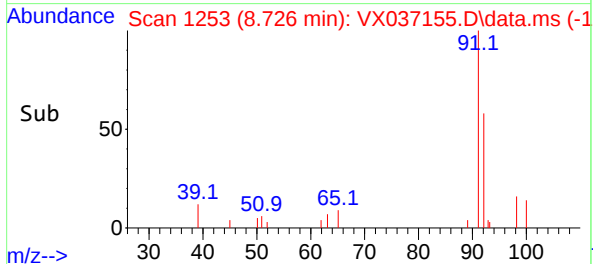
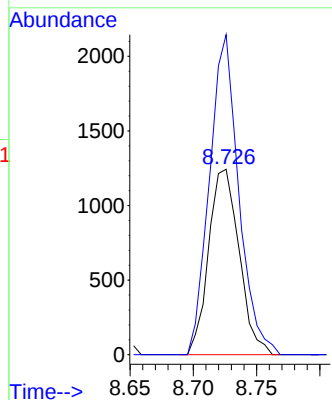
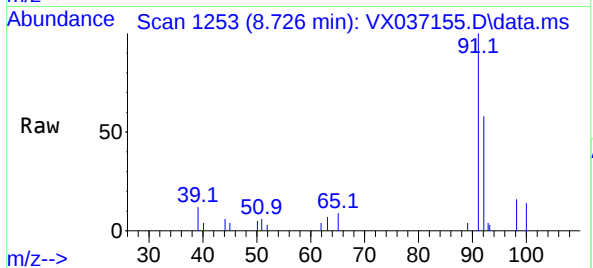




#52
Toluene
Concen: 0.447 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

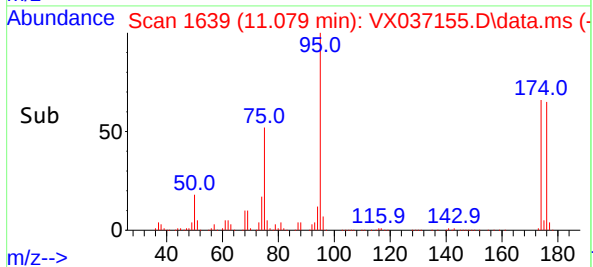
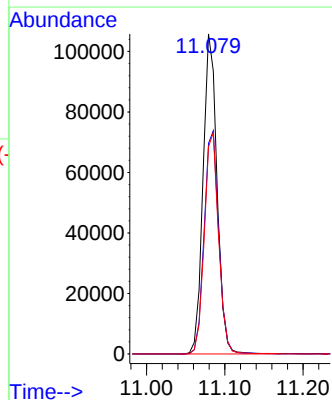
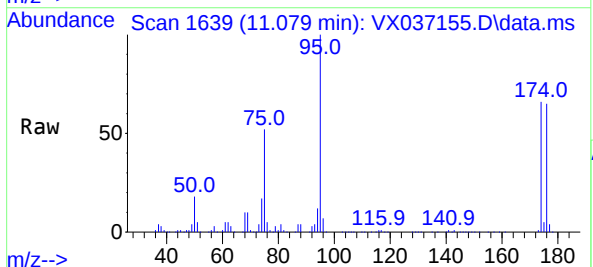
Instrument :
MSVOA_X
ClientSampleId :

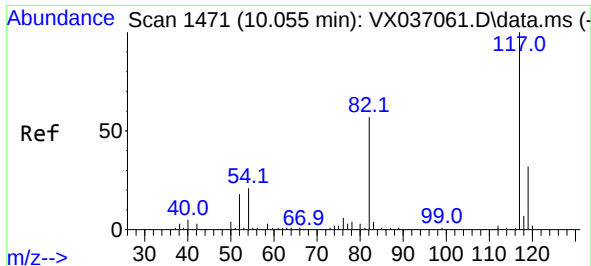
Tgt Ion: 92 Resp: 2089
Ion Ratio Lower Upper
92 100
91 165.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 53.038 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 95 Resp: 131168
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.4 0.0 131.0

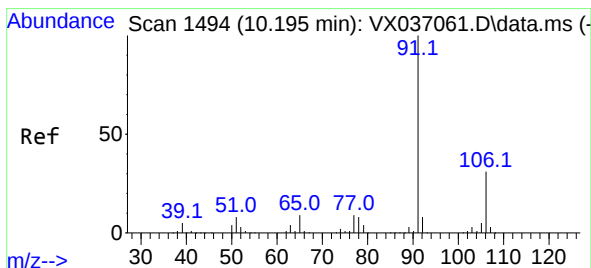
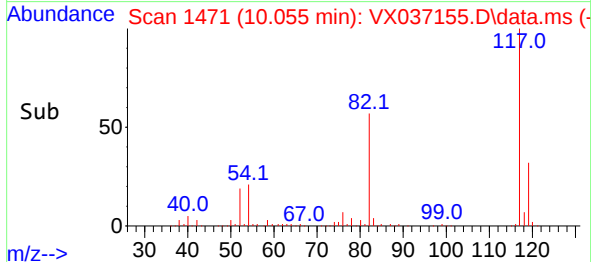
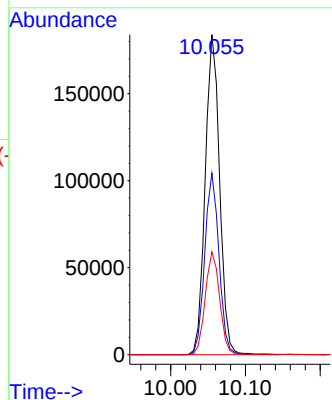
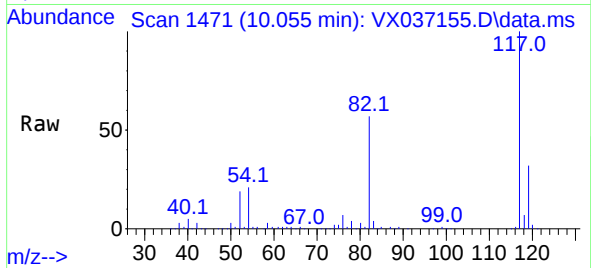




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

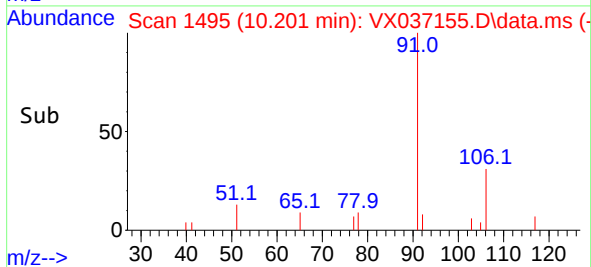
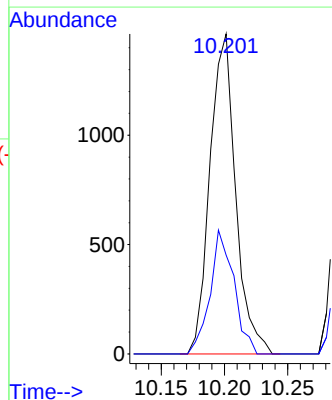
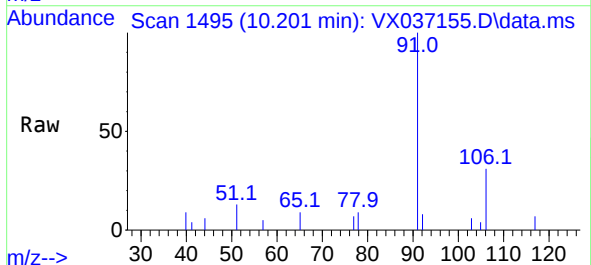
Instrument :
MSVOA_X
ClientSampleId :

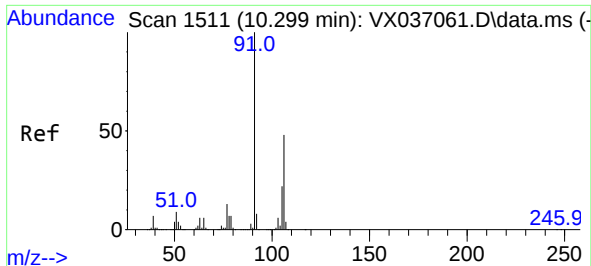
Tgt Ion:117 Resp: 246447
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 0.226 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 91 Resp: 2070
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

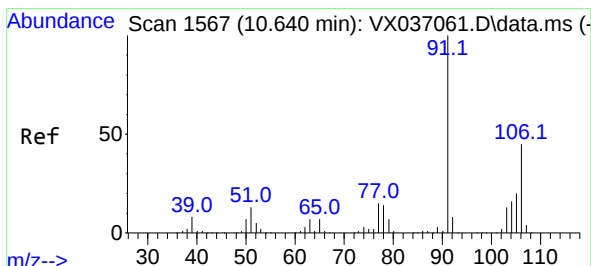
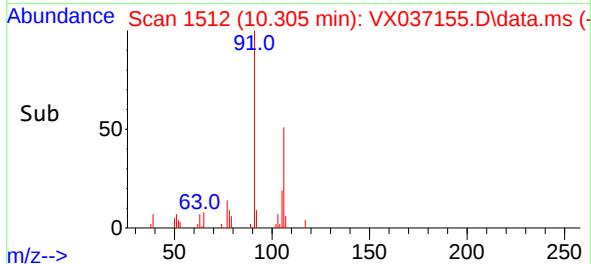
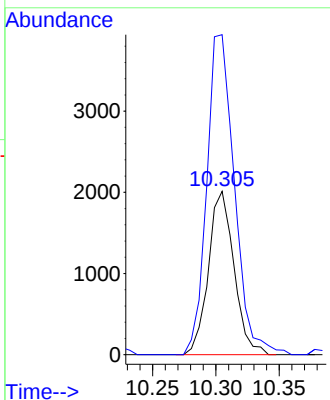
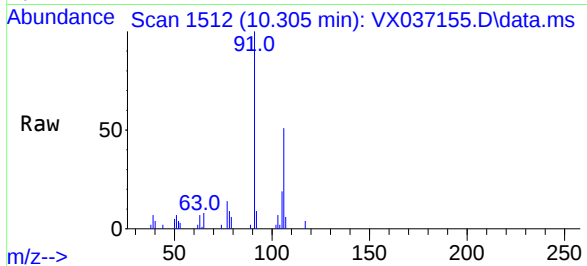




#68
m/p-Xylenes
Concen: 0.801 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

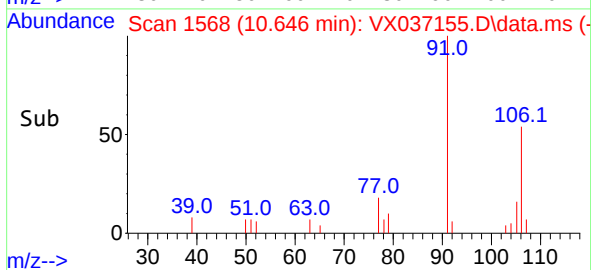
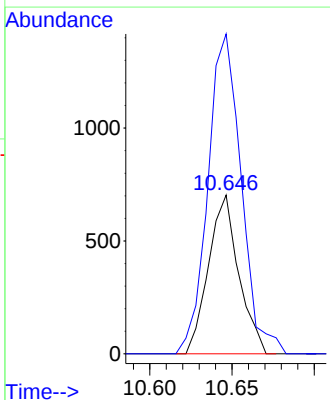
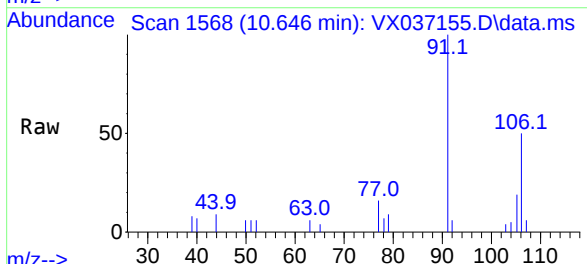
Instrument :
MSVOA_X
ClientSampleId :

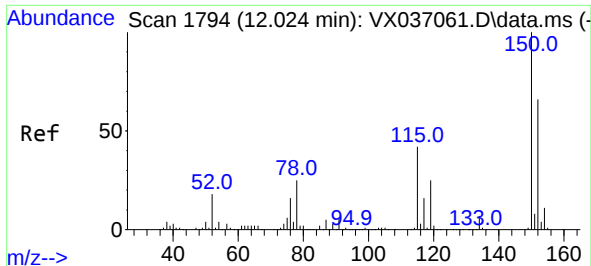
Tgt Ion:106 Resp: 2834
Ion Ratio Lower Upper
106 100
91 212.1 165.5 248.3



#69
o-Xylene
Concen: 0.257 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

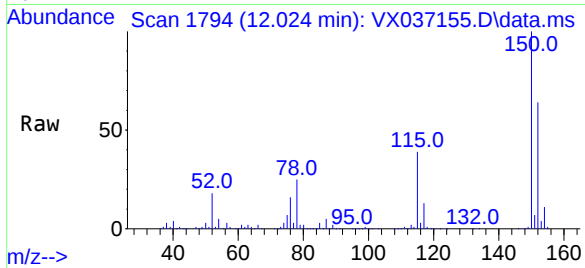
Tgt Ion:106 Resp: 899
Ion Ratio Lower Upper
106 100
91 222.1 108.9 326.8



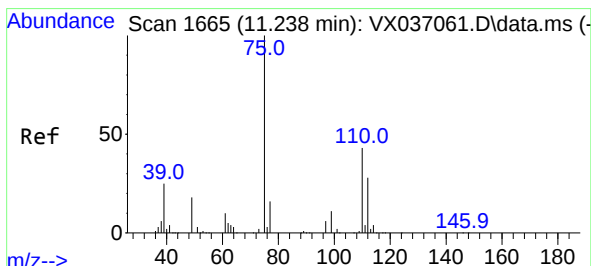
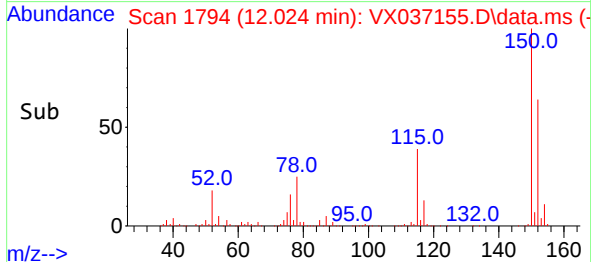
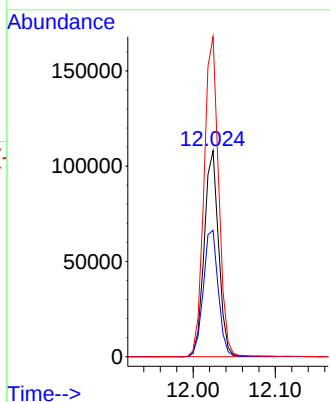


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :

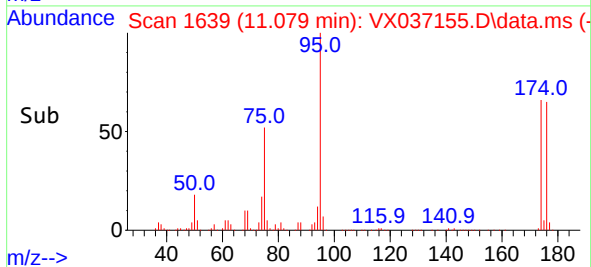
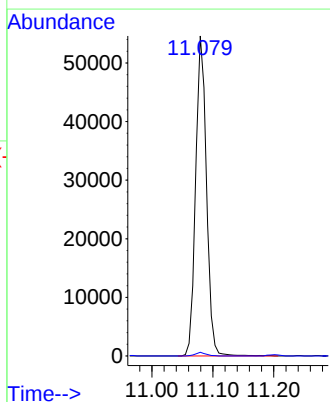
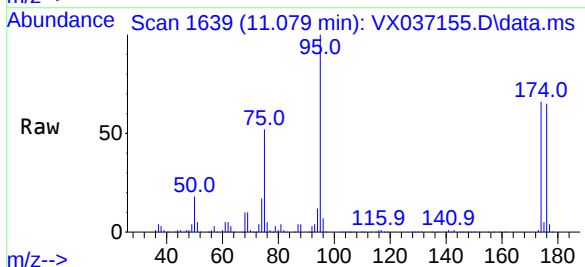


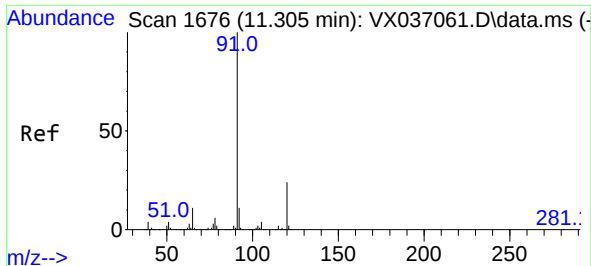
Tgt Ion:152 Resp: 131469
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 157.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 75 Resp: 67207
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#78

n-propylbenzene

Concen: 0.323 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037155.D

Acq: 22 Aug 2023 15:11

Instrument :

MSVOA_X

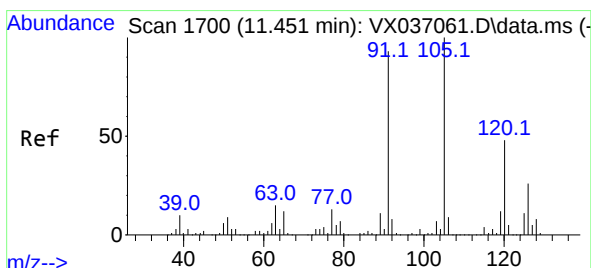
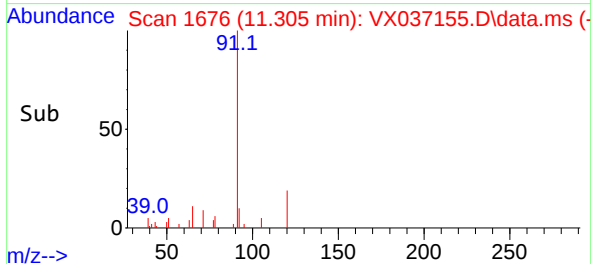
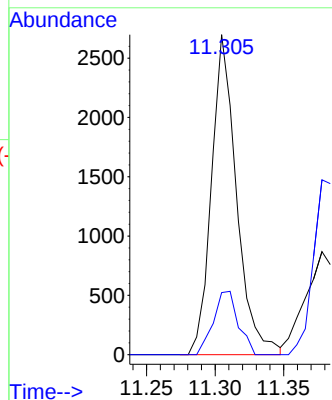
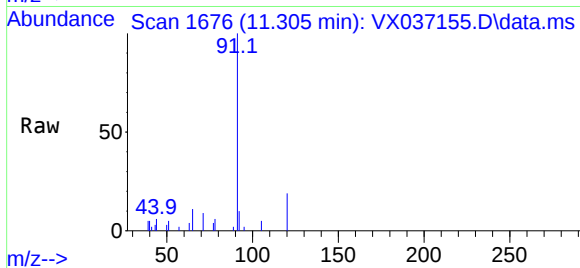
ClientSampleId :

Tgt Ion: 91 Resp: 3432

Ion Ratio Lower Upper

91 100

120 19.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.356 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037155.D

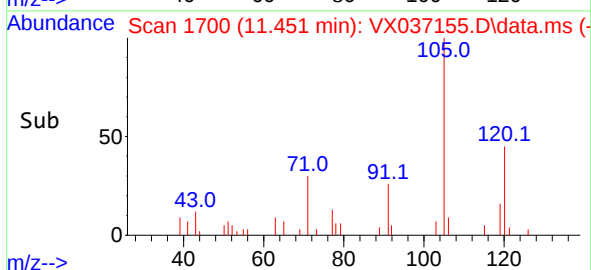
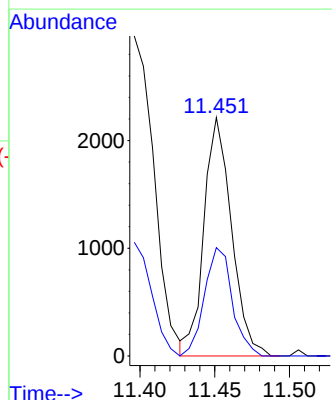
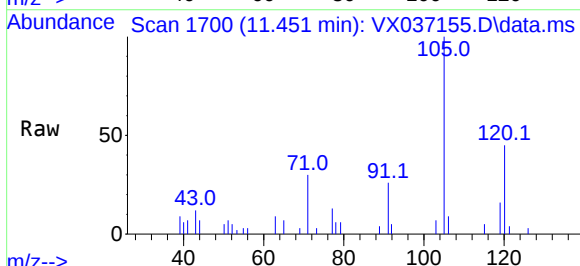
Acq: 22 Aug 2023 15:11

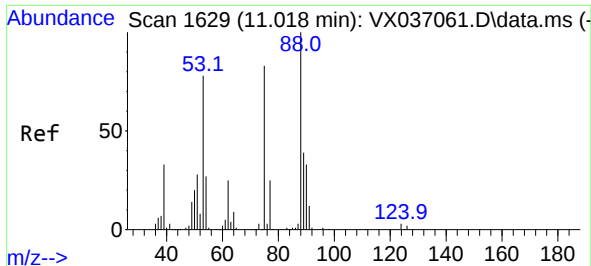
Tgt Ion: 105 Resp: 2841

Ion Ratio Lower Upper

105 100

120 45.8 24.1 72.3

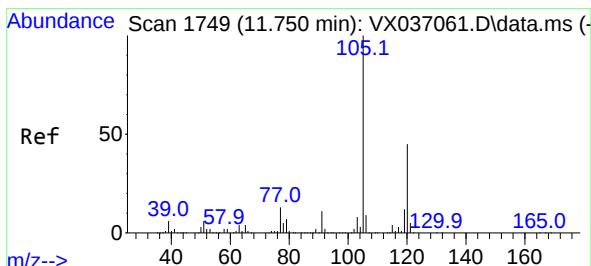
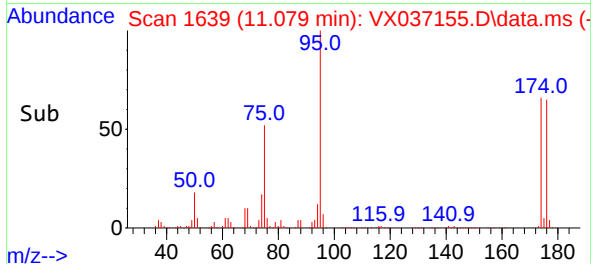
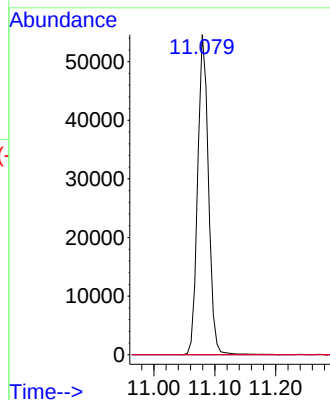
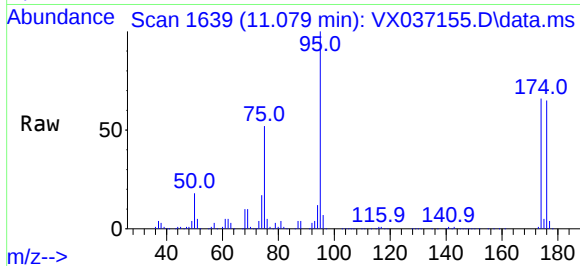




#81
trans-1,4-Dichloro-2-butene
Concen: 67.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

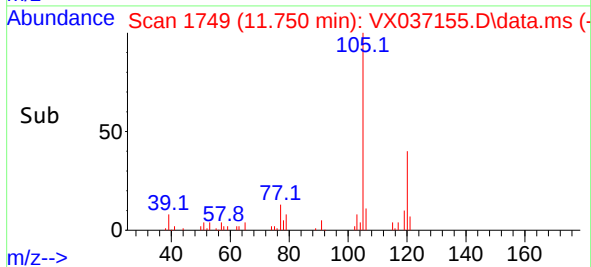
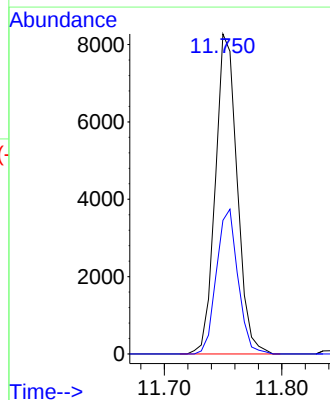
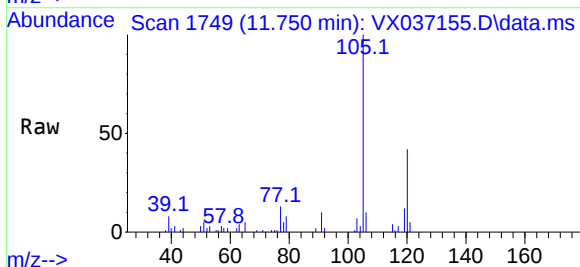
Instrument :
MSVOA_X
ClientSampleId :

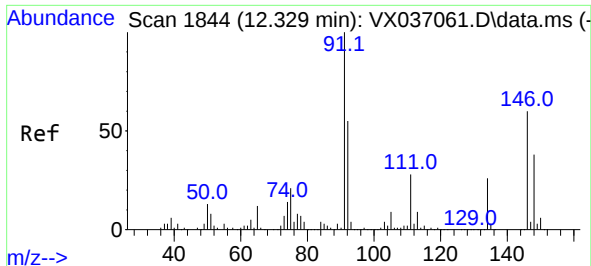
Tgt Ion: 75 Resp: 67207
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 1.325 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Tgt Ion:105 Resp: 10676
Ion Ratio Lower Upper
105 100
120 44.7 21.2 63.6





#89

n-Butylbenzene

Concen: 0.397 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037155.D

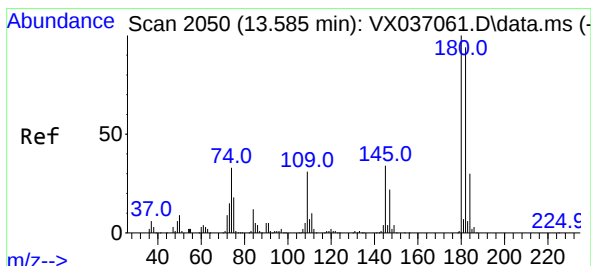
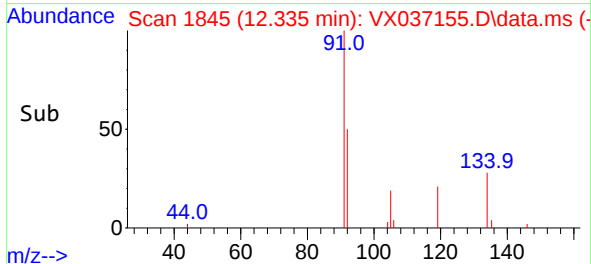
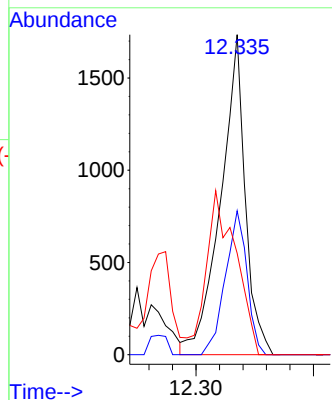
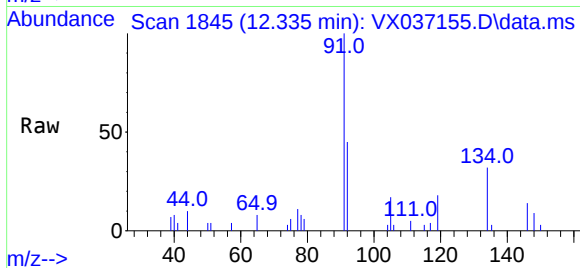
Acq: 22 Aug 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp:	2514
Ion	Ratio	Lower Upper
91	100	
92	39.6	27.4 82.0
134	61.4	12.6 37.8#



#93

1,2,4-Trichlorobenzene

Concen: 0.213 ug/l

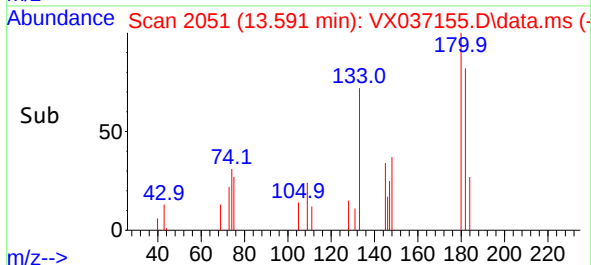
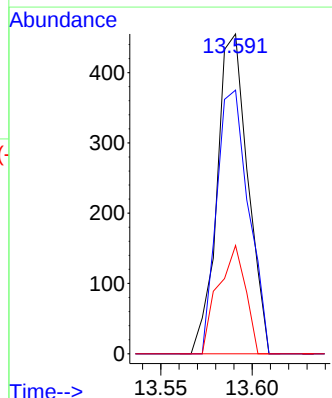
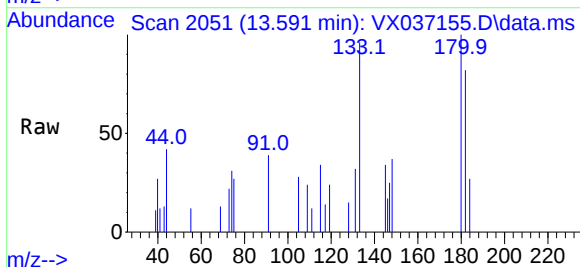
RT: 13.591 min Scan# 2051

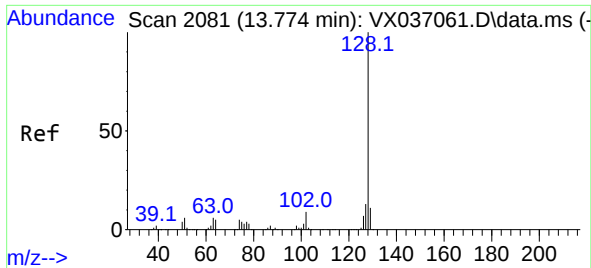
Delta R.T. 0.006 min

Lab File: VX037155.D

Acq: 22 Aug 2023 15:11

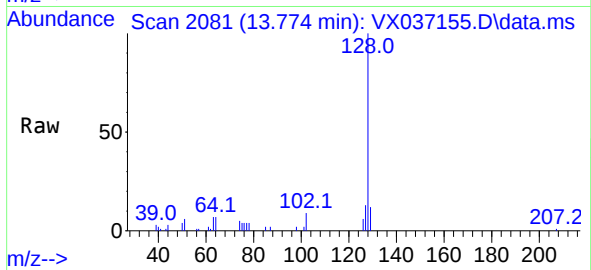
Tgt Ion: 180	Resp:	533
Ion	Ratio	Lower Upper
180	100	
182	85.4	48.3 144.8
145	30.0	18.0 54.0





#95
Naphthalene
Concen: 0.734 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037155.D
Acq: 22 Aug 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	8050
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.7	8.8	13.2

