

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX037000.D
 Acq On : 15 Aug 2023 20:08
 Operator : JC/MD
 Sample : 03983-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 713-E

Quant Time: Aug 16 05:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90714	48.328	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.660%
35) Dibromofluoromethane	5.385	113	75114	46.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	8.647	98	282273	49.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	114169	53.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.200%

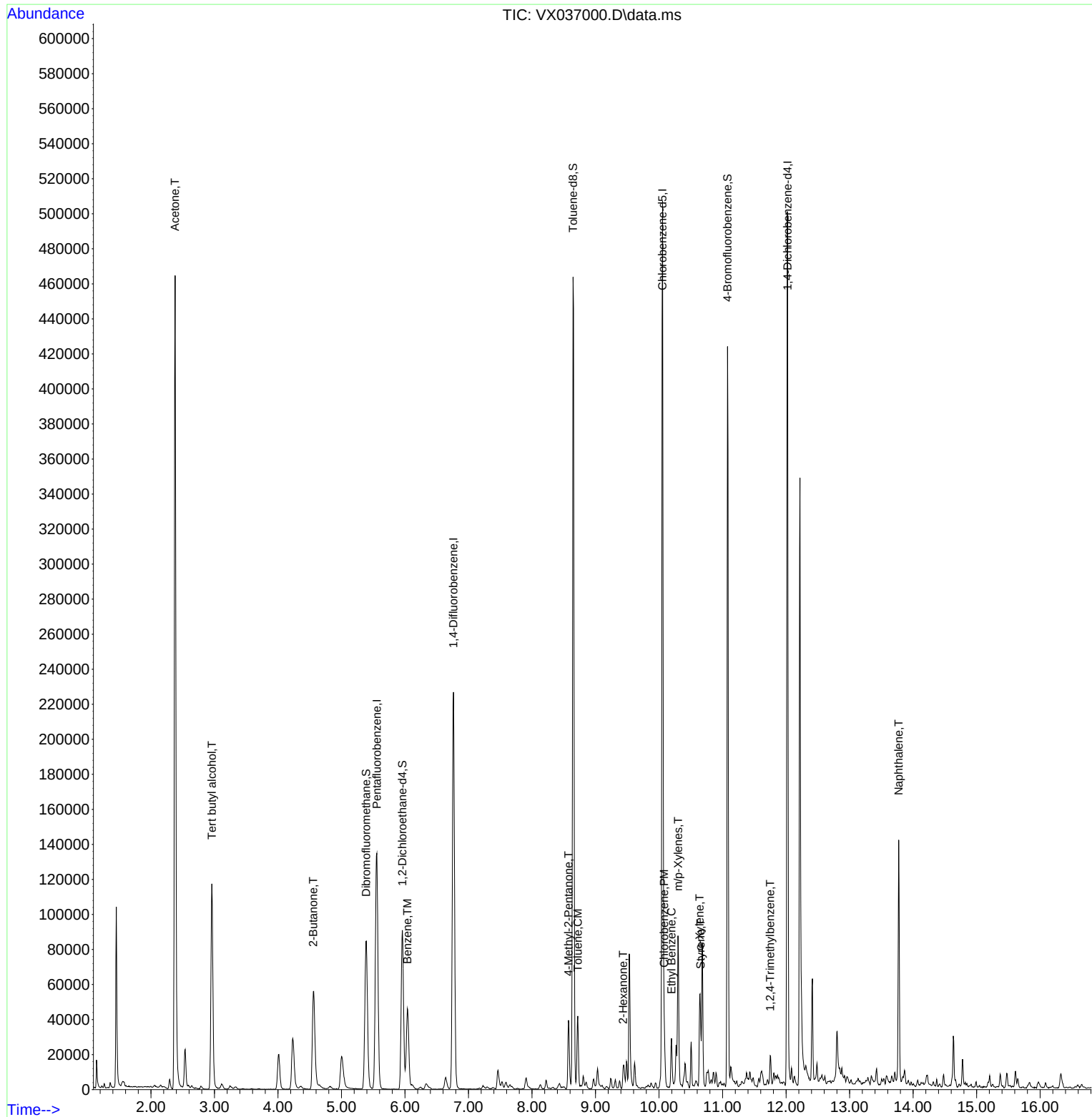
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	144128	324.332	ug/l #	91
16) Acetone	2.380	43	483308	620.492	ug/l	90
25) 2-Butanone	4.556	43	94952	75.136	ug/l	93
40) Benzene	6.037	78	57398	8.236	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	22681	8.782	ug/l	94
52) Toluene	8.720	92	14790	3.387	ug/l	99
59) 2-Hexanone	9.433	43	5621	2.933	ug/l	92
65) Chlorobenzene	10.079	112	12700	2.565	ug/l	98
67) Ethyl Benzene	10.195	91	16169	1.788	ug/l	99
68) m/p-Xylenes	10.299	106	18364	5.441	ug/l	96
69) o-Xylene	10.640	106	10773	3.198	ug/l	100
70) Styrene	10.653	104	9185	1.653	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	6943	0.953	ug/l	98
95) Naphthalene	13.774	128	86776	11.403	ug/l	99

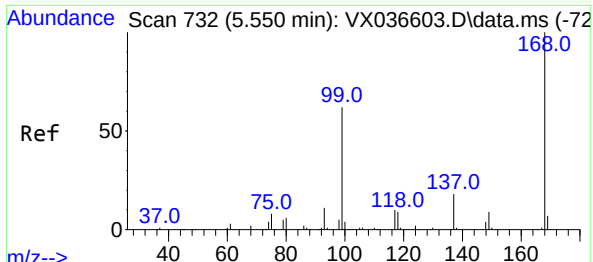
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
Data File : VX037000.D
Acq On : 15 Aug 2023 20:08
Operator : JC/MD
Sample : 03983-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
713-E

Quant Time: Aug 16 05:37:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

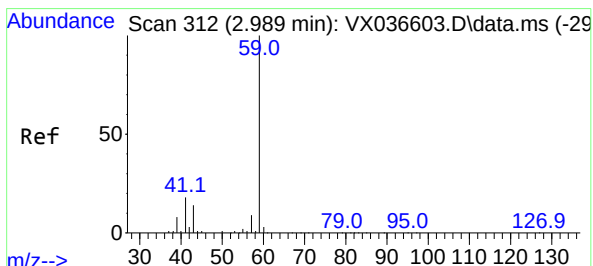
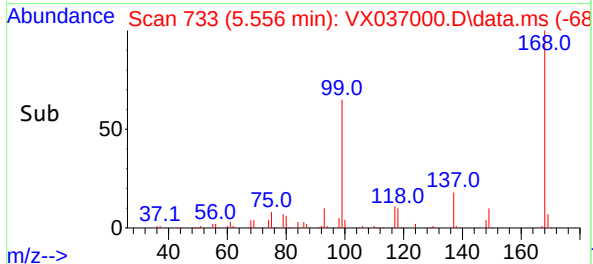
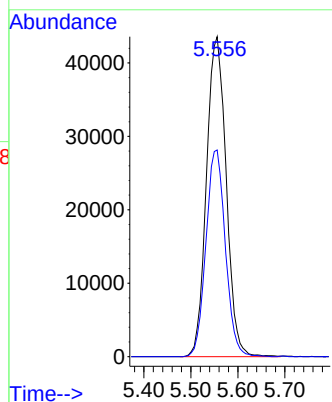
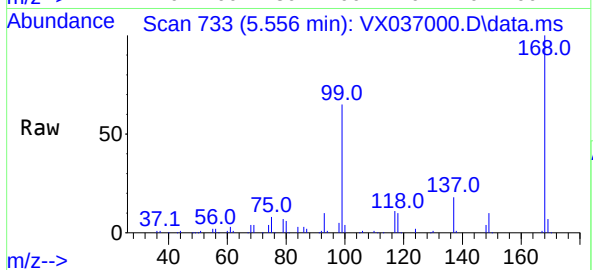




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

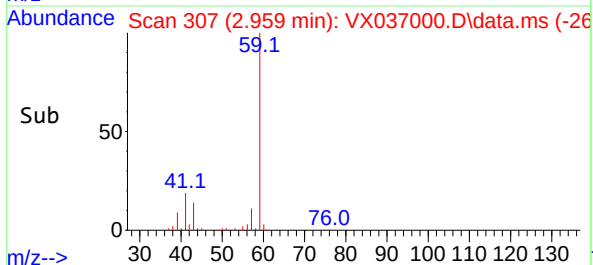
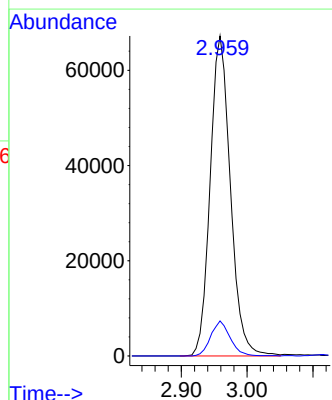
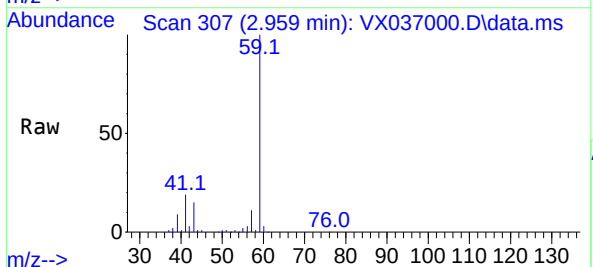
Instrument :
MSVOA_X
ClientSampleId :
713-E

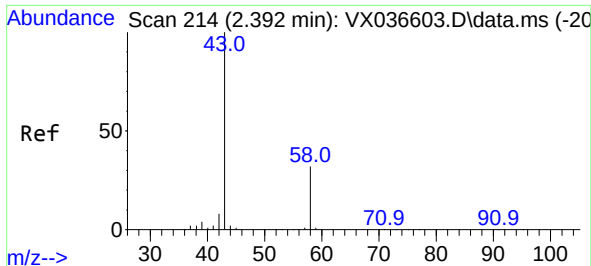
Tgt Ion:168 Resp: 126859
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 324.332 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Tgt Ion: 59 Resp: 144128
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0#

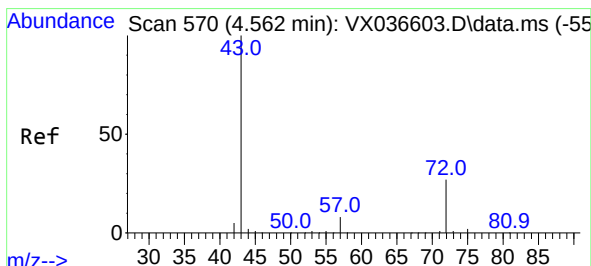
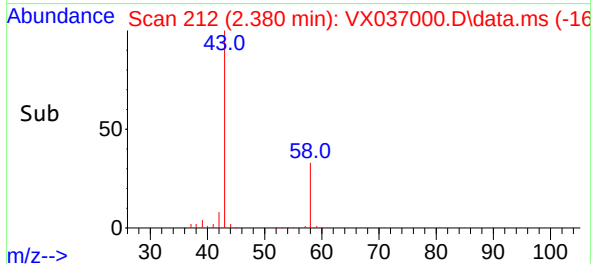
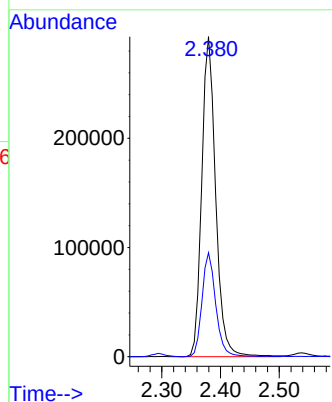
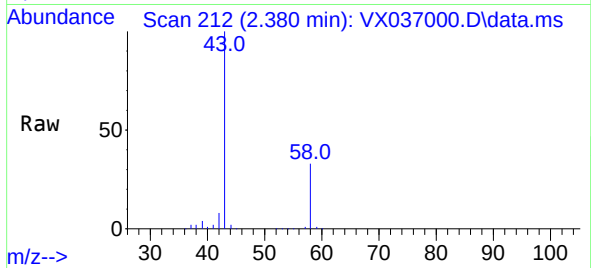




#16
Acetone
Concen: 620.492 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

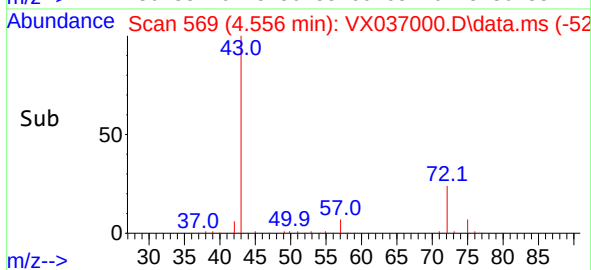
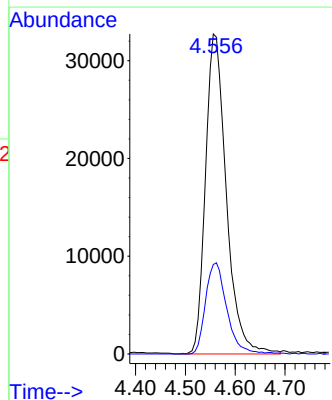
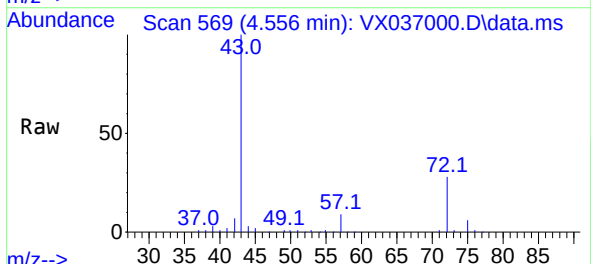
Instrument :
MSVOA_X
ClientSampleId :
713-E

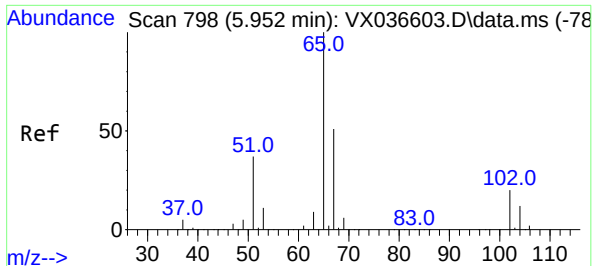
Tgt Ion: 43 Resp: 483308
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9



#25
2-Butanone
Concen: 75.136 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Tgt Ion: 43 Resp: 94952
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 48.328 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX037000.D

Acq: 15 Aug 2023 20:08

Instrument :

MSVOA_X

ClientSampleId :

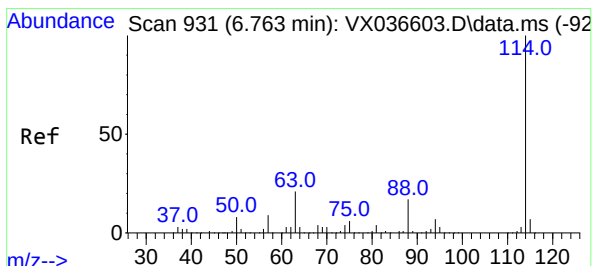
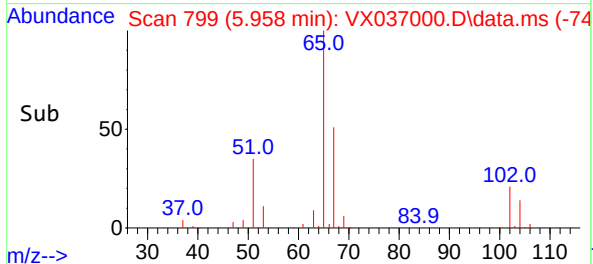
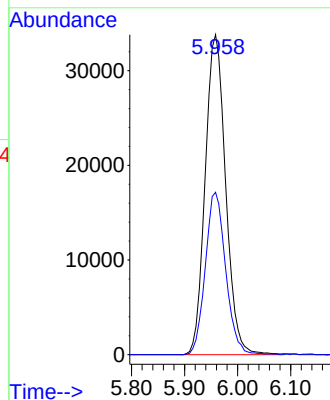
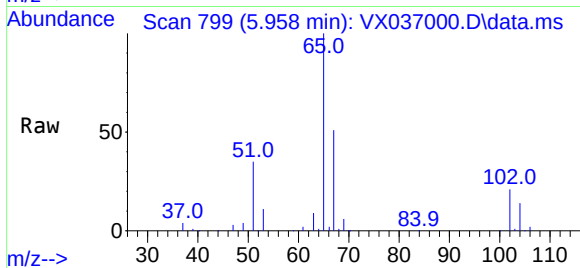
713-E

Tgt Ion: 65 Resp: 90714

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037000.D

Acq: 15 Aug 2023 20:08

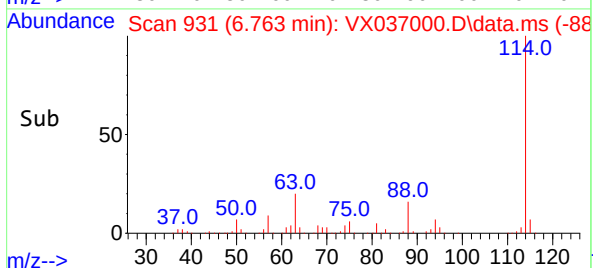
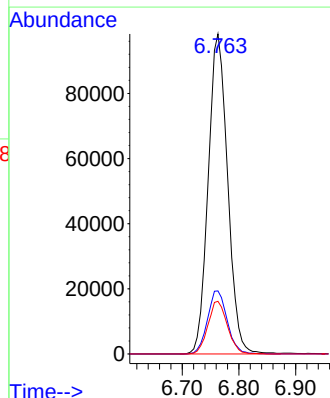
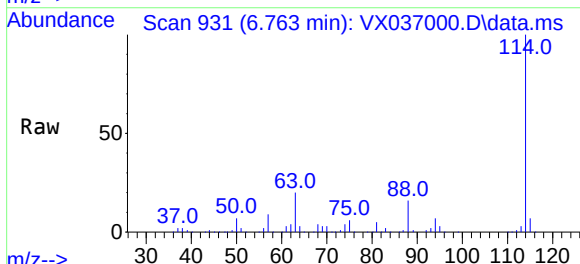
Tgt Ion: 114 Resp: 233808

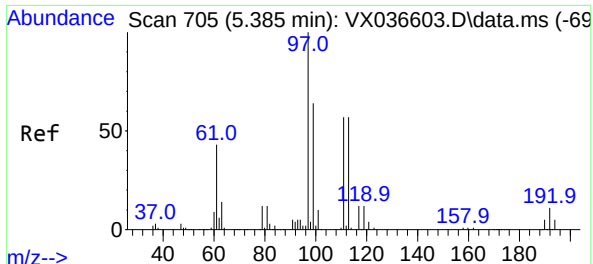
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.5 0.0 36.6

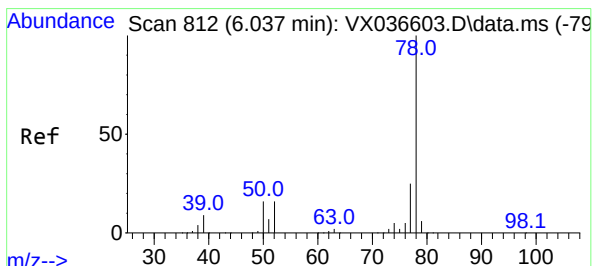
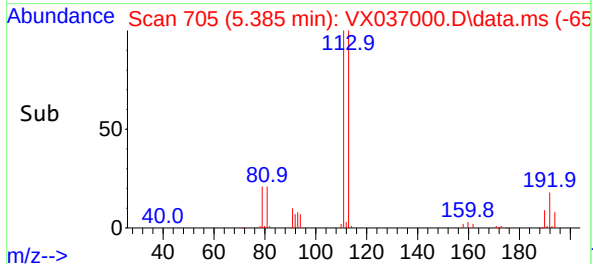
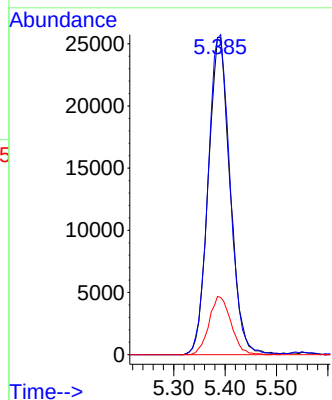
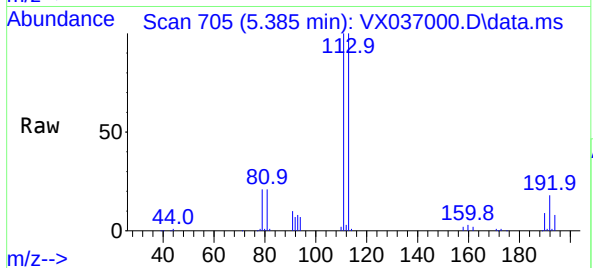




#35
Dibromofluoromethane
Concen: 46.740 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

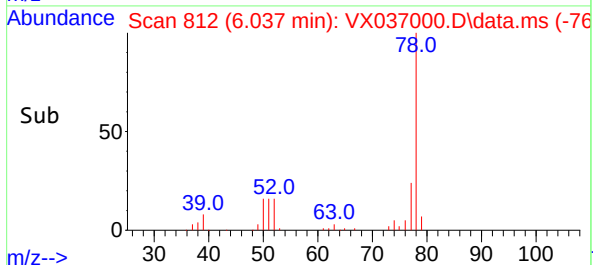
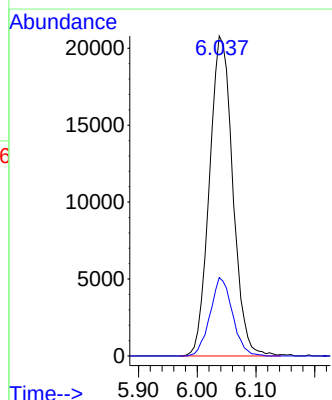
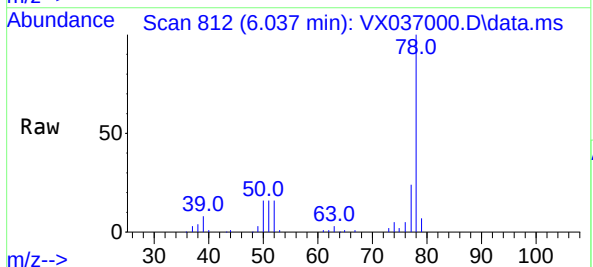
Instrument :
MSVOA_X
ClientSampleId :
713-E

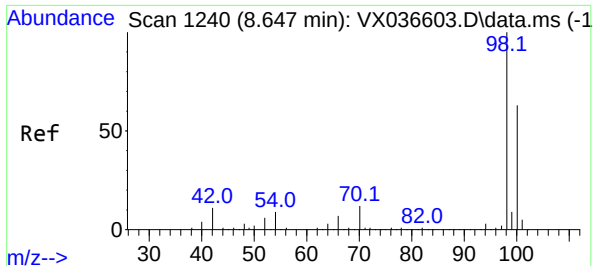
Tgt Ion:113 Resp: 75114
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.5 13.3 19.9



#40
Benzene
Concen: 8.236 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Tgt Ion: 78 Resp: 57398
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





#50

Toluene-d8

Concen: 49.530 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037000.D

Acq: 15 Aug 2023 20:08

Instrument :

MSVOA_X

ClientSampleId :

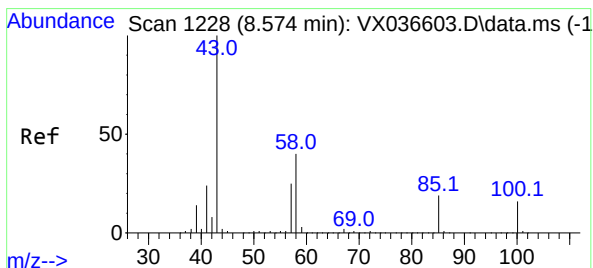
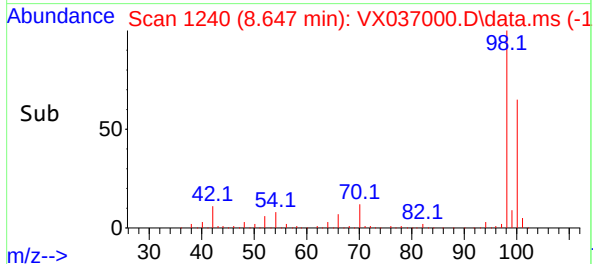
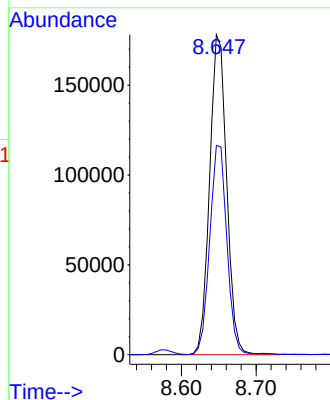
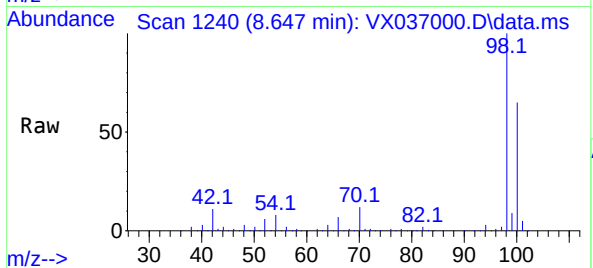
713-E

Tgt Ion: 98 Resp: 282273

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 8.782 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX037000.D

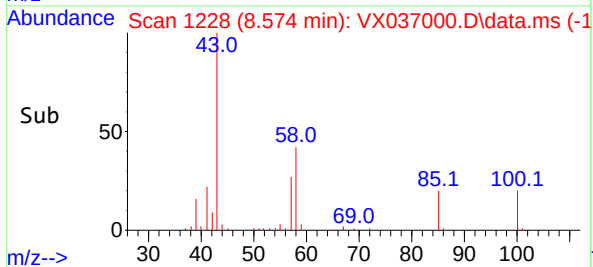
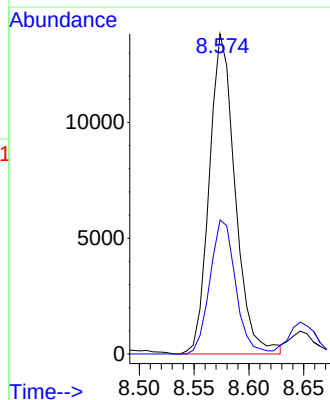
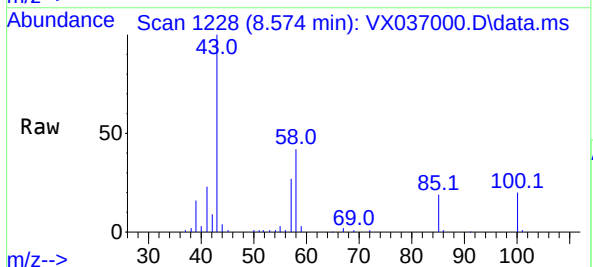
Acq: 15 Aug 2023 20:08

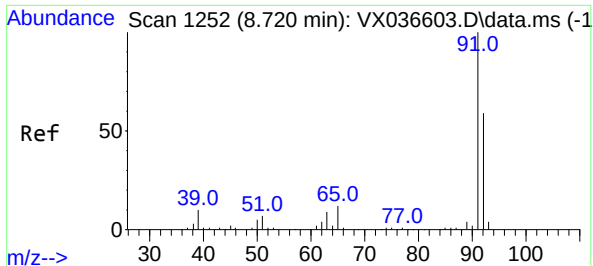
Tgt Ion: 43 Resp: 22681

Ion Ratio Lower Upper

43 100

58 41.6 30.4 45.6





#52

Toluene

Concen: 3.387 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037000.D

Acq: 15 Aug 2023 20:08

Instrument :

MSVOA_X

ClientSampleId :

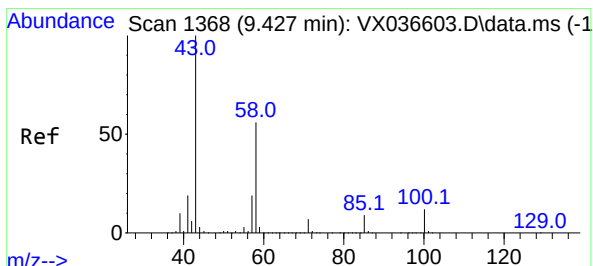
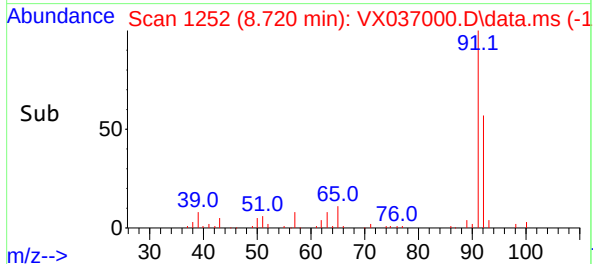
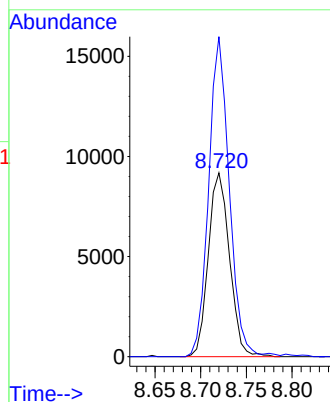
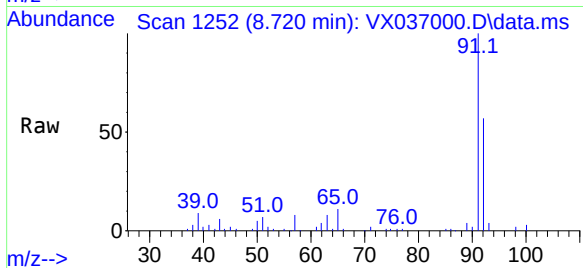
713-E

Tgt Ion: 92 Resp: 14790

Ion Ratio Lower Upper

92 100

91 168.9 134.2 201.2



#59

2-Hexanone

Concen: 2.933 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX037000.D

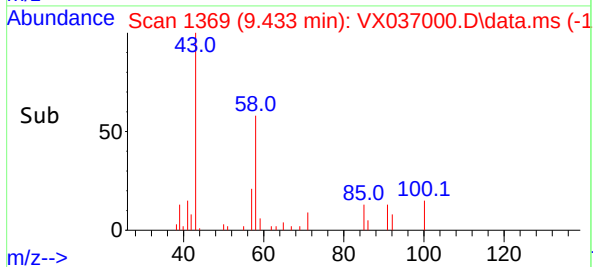
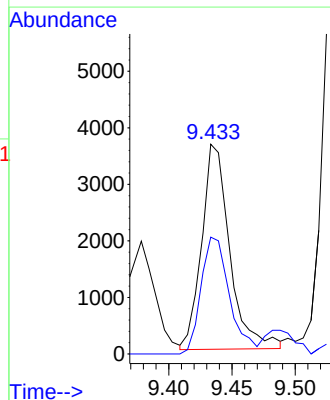
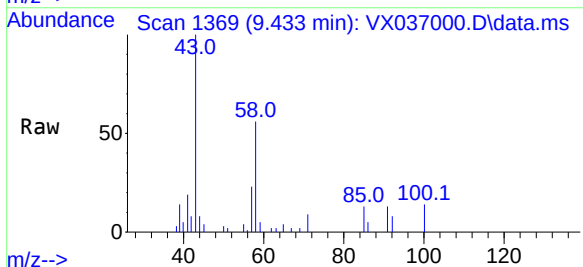
Acq: 15 Aug 2023 20:08

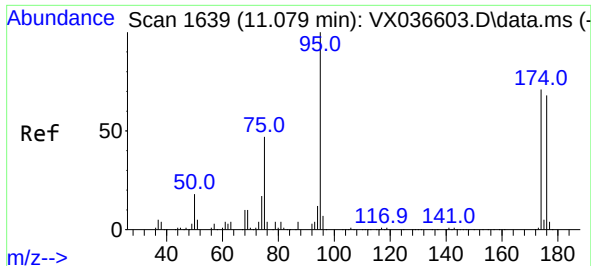
Tgt Ion: 43 Resp: 5621

Ion Ratio Lower Upper

43 100

58 57.6 26.2 78.5

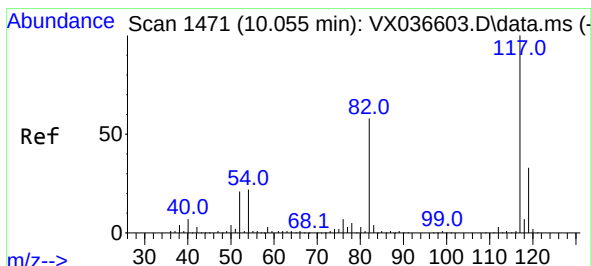
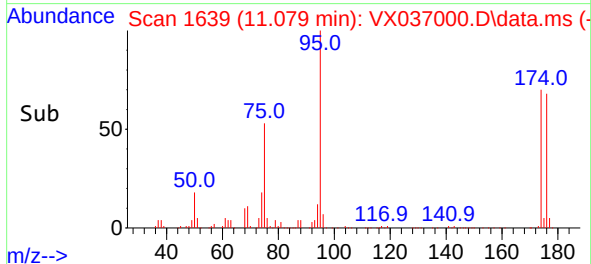
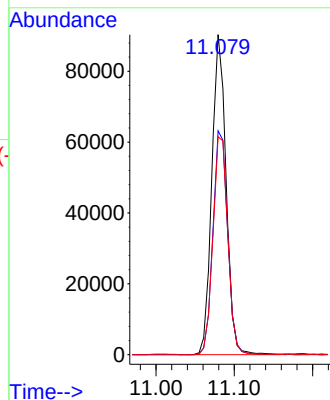
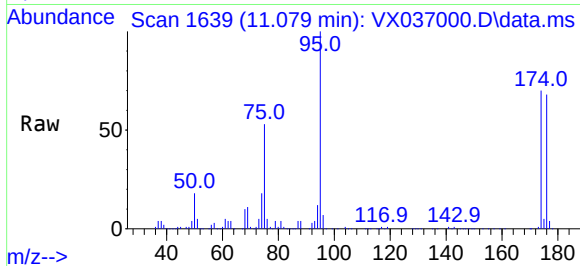




#62
4-Bromofluorobenzene
Concen: 53.098 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

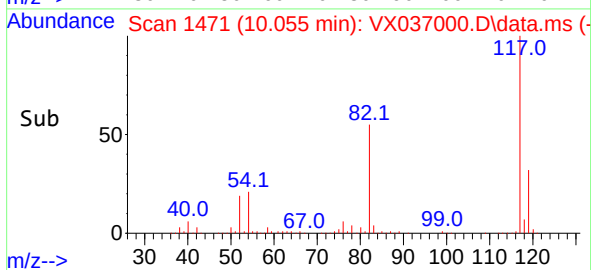
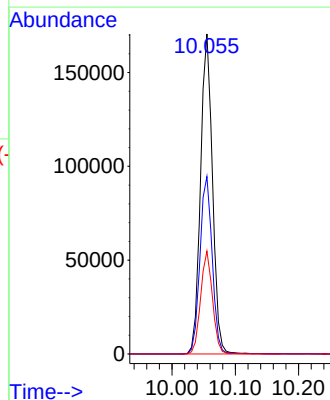
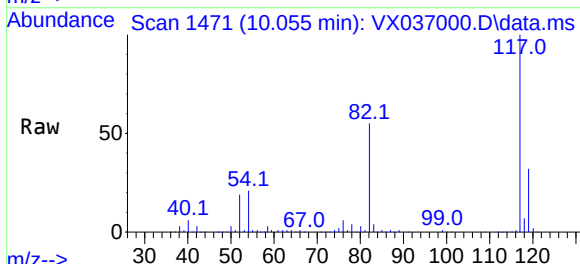
Instrument :
MSVOA_X
ClientSampleId :
713-E

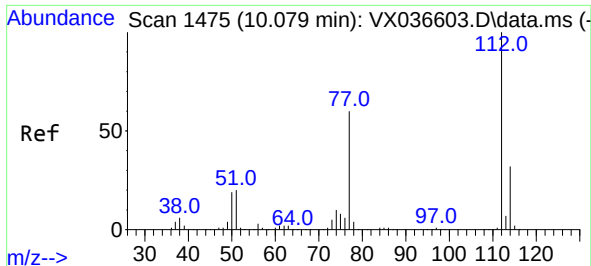
Tgt Ion: 95 Resp: 114169
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Tgt Ion: 117 Resp: 224625
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.1 25.5 38.3

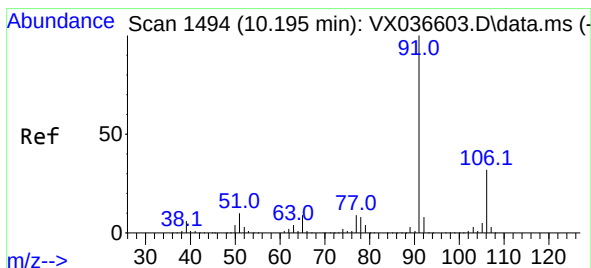
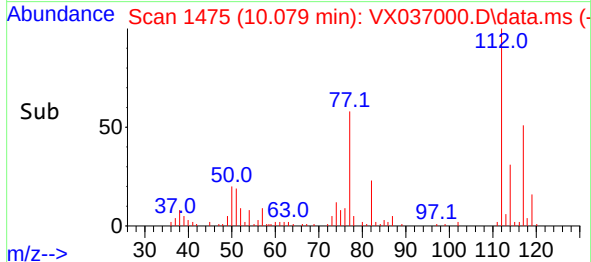
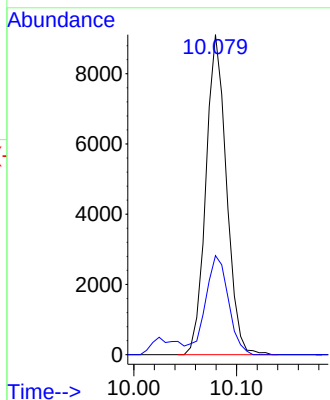
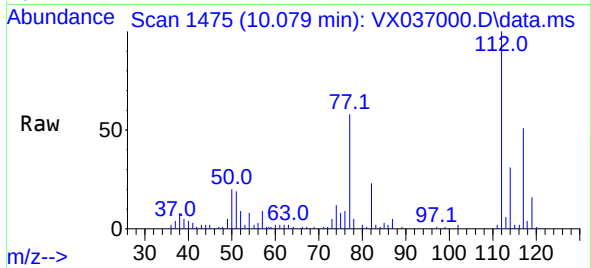




#65
Chlorobenzene
Concen: 2.565 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

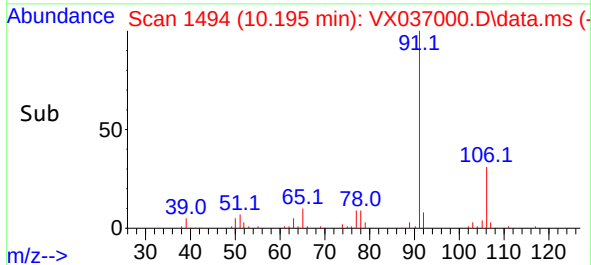
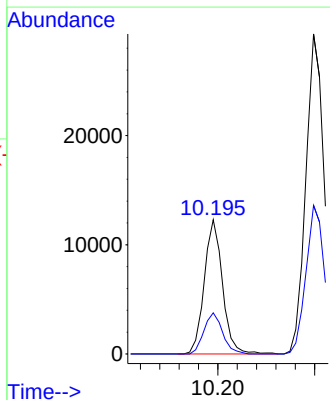
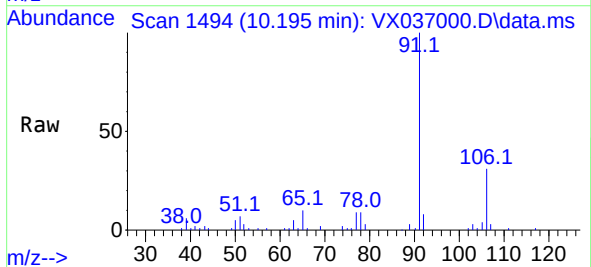
Instrument :
MSVOA_X
ClientSampleId :
713-E

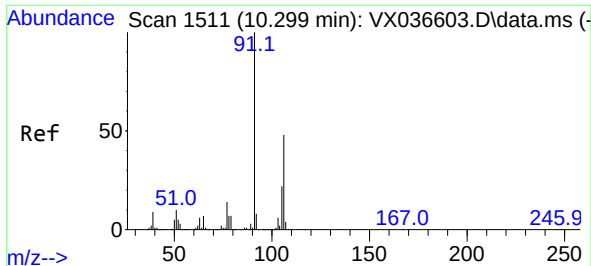
Tgt Ion:112 Resp: 12700
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#67
Ethyl Benzene
Concen: 1.788 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Tgt Ion: 91 Resp: 16169
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

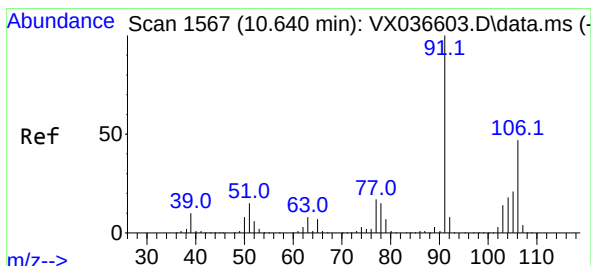
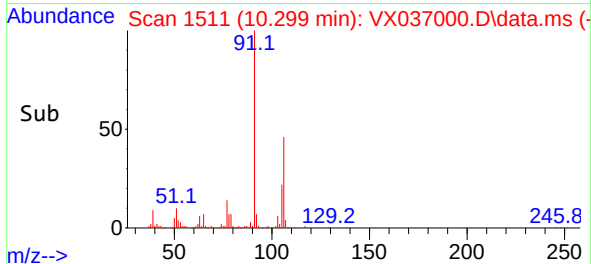
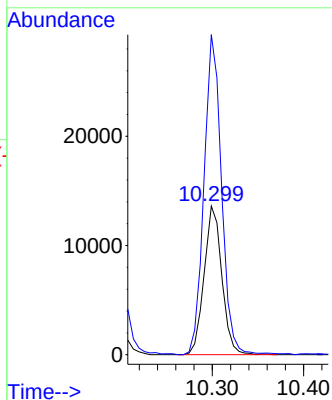
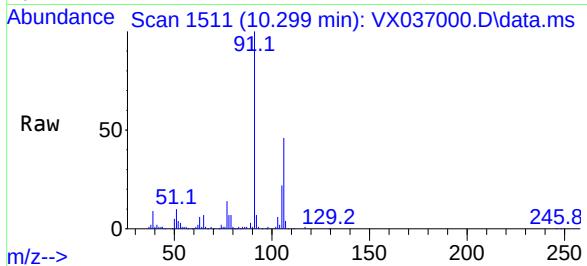




#68
m/p-Xylenes
Concen: 5.441 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

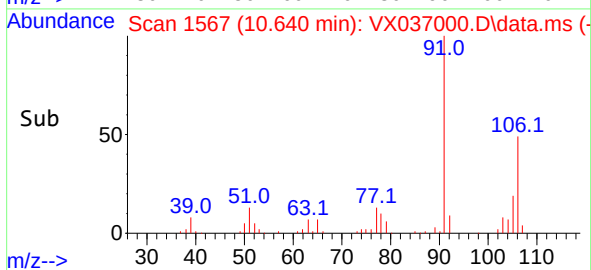
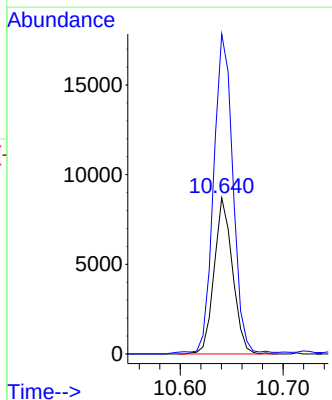
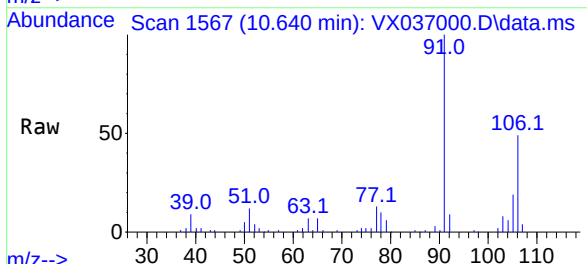
Instrument :
MSVOA_X
ClientSampleId :
713-E

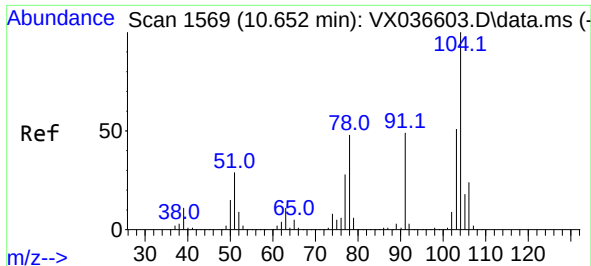
Tgt Ion:106 Resp: 18364
Ion Ratio Lower Upper
106 100
91 213.1 165.5 248.3



#69
o-Xylene
Concen: 3.198 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Tgt Ion:106 Resp: 10773
Ion Ratio Lower Upper
106 100
91 217.2 108.9 326.8

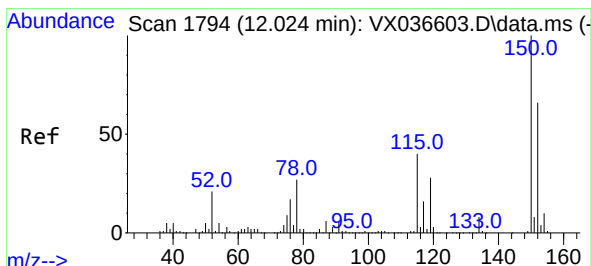
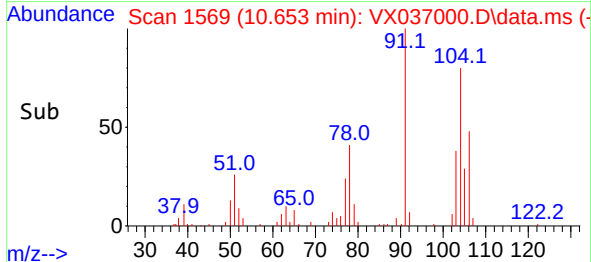
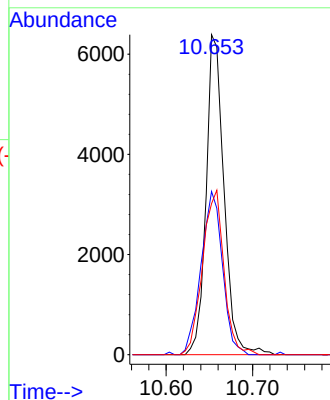
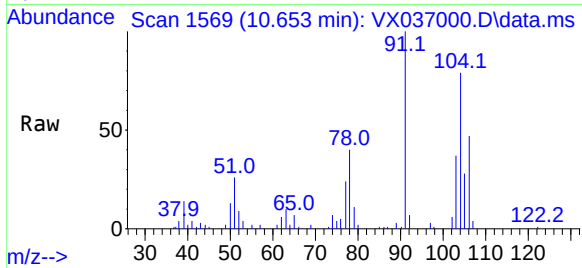




#70
Styrene
Concen: 1.653 ug/l
RT: 10.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

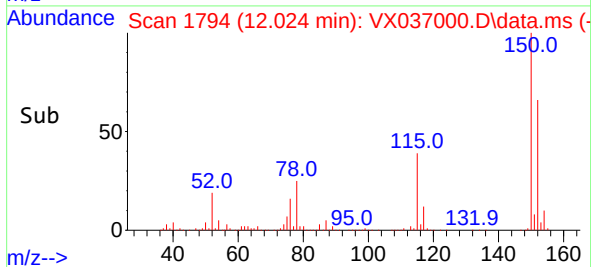
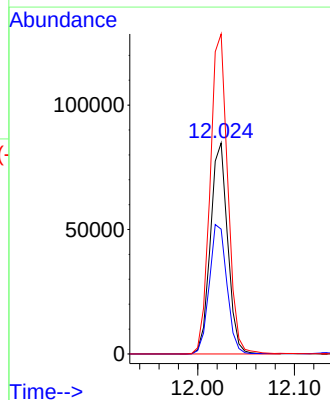
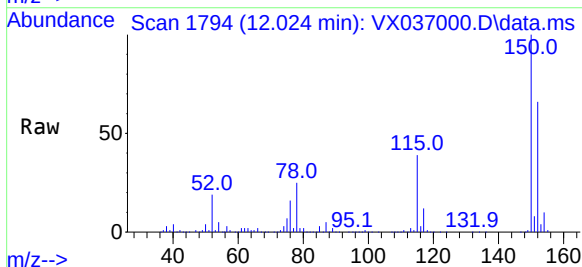
Instrument :
MSVOA_X
ClientSampleId :
713-E

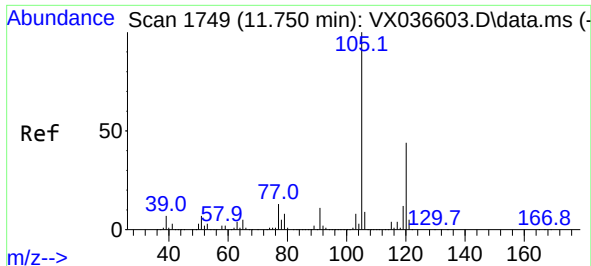
Tgt Ion:104 Resp: 9185
Ion Ratio Lower Upper
104 100
78 60.9 43.6 65.4
103 61.5 43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Tgt Ion:152 Resp: 105226
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 155.3 0.0 345.0

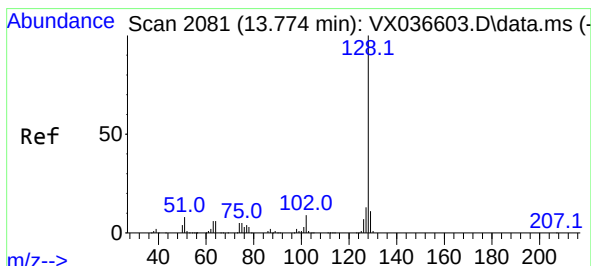
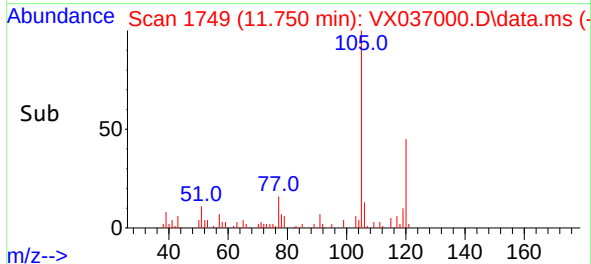
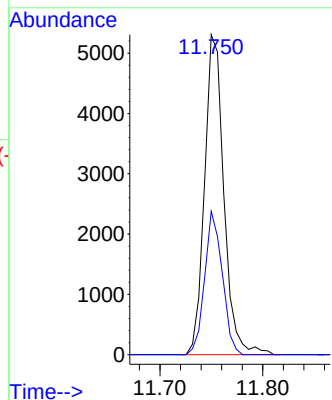
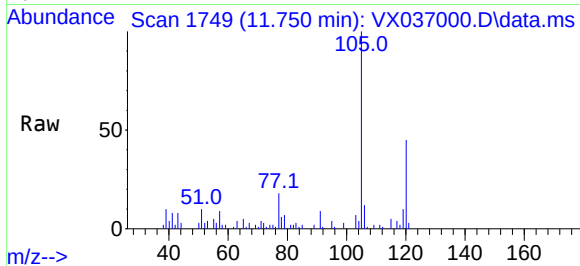




#84
1,2,4-Trimethylbenzene
Concen: 0.953 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Instrument :
MSVOA_X
ClientSampleId :
713-E

Tgt Ion:105 Resp: 6943
Ion Ratio Lower Upper
105 100
120 40.8 21.2 63.6



#95
Naphthalene
Concen: 11.403 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037000.D
Acq: 15 Aug 2023 20:08

Tgt Ion:128 Resp: 86776
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.3 8.8 13.2

