

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037104.D
 Acq On : 19 Aug 2023 03:15
 Operator : JC/MD
 Sample : 04071-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8

Quant Time: Aug 21 01:38:55 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)

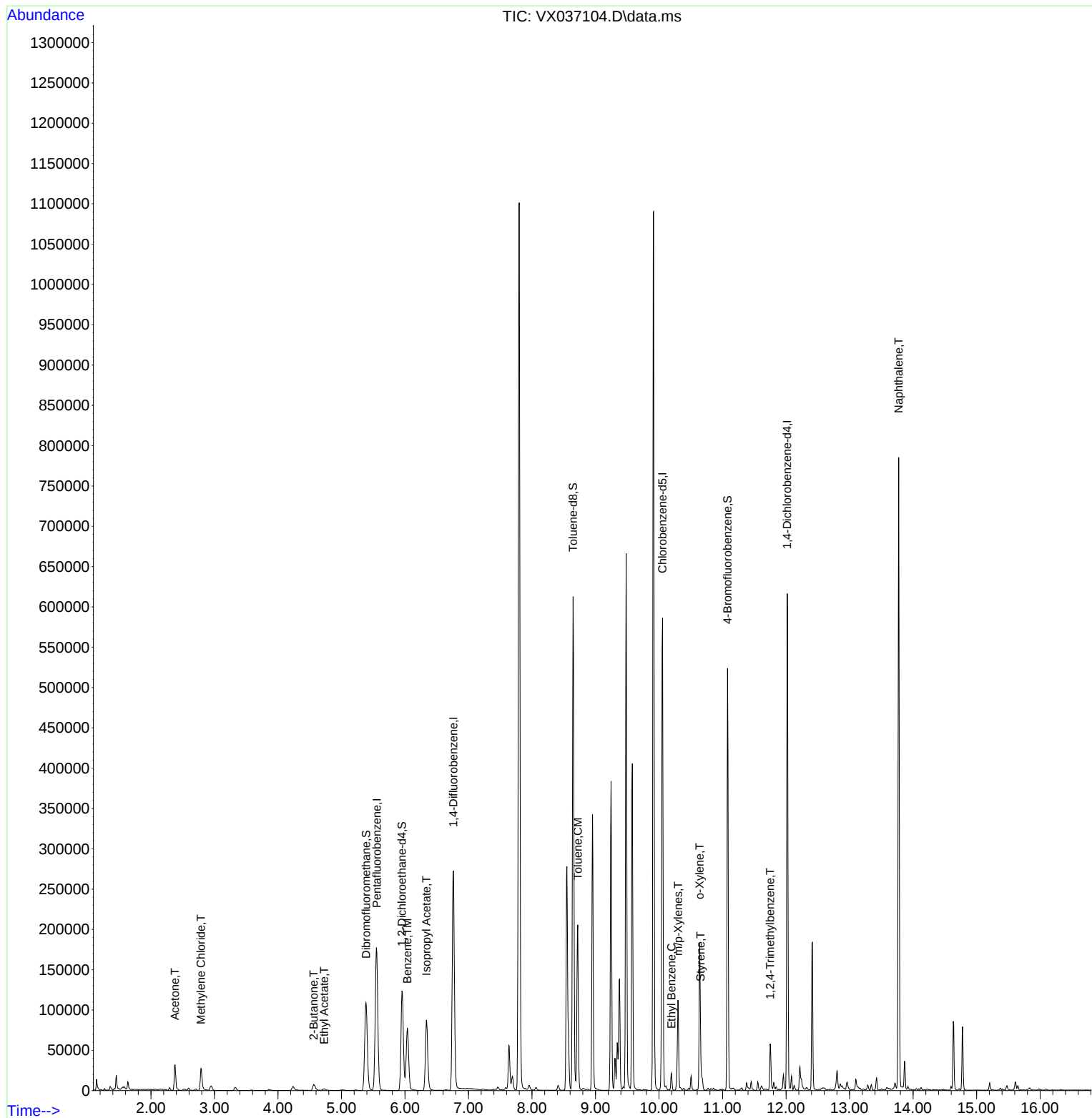
Internal Standards						
1) Pentafluorobenzene	5.556	168	162772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	127822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123935	52.814	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.620%	
35) Dibromofluoromethane	5.385	113	96986	51.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	8.647	98	362077	52.493	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	11.079	95	140274	51.749	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.500%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	34905	38.022	ug/l	95
20) Methylene Chloride	2.788	84	15039	7.325	ug/l #	85
25) 2-Butanone	4.562	43	11306	8.179	ug/l #	82
37) Ethyl Acetate	4.727	43	3927	1.423	ug/l #	93
40) Benzene	6.038	78	96593	12.467	ug/l	99
43) Isopropyl Acetate	6.336	43	117930	26.916	ug/l #	93
52) Toluene	8.720	92	79152	15.461	ug/l	99
67) Ethyl Benzene	10.195	91	12501	1.259	ug/l	99
68) m/p-Xylenes	10.299	106	24122	6.291	ug/l	98
69) o-Xylene	10.640	106	16109	4.258	ug/l	100
70) Styrene	10.653	104	12077	1.938	ug/l #	86
84) 1,2,4-Trimethylbenzene	11.750	105	21000	2.681	ug/l	78
95) Naphthalene	13.774	128	465246	43.636	ug/l	100

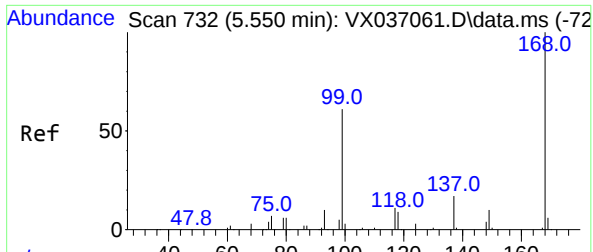
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-8

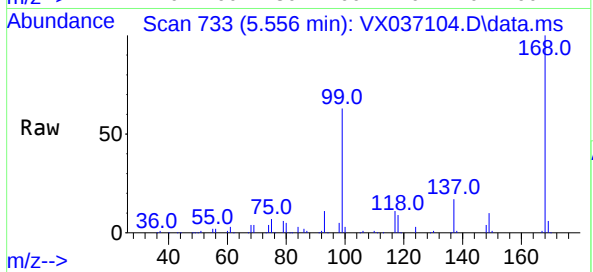
Quant Time: Aug 21 01:38:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



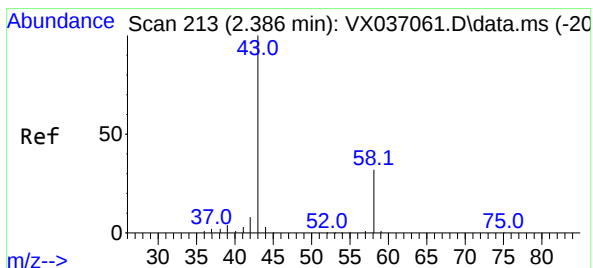
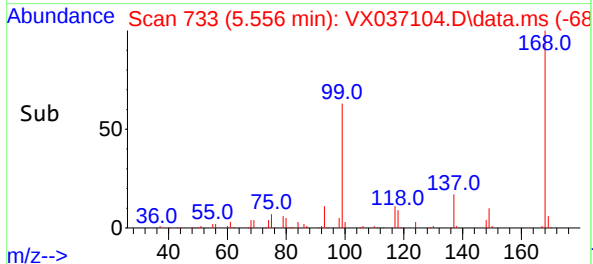
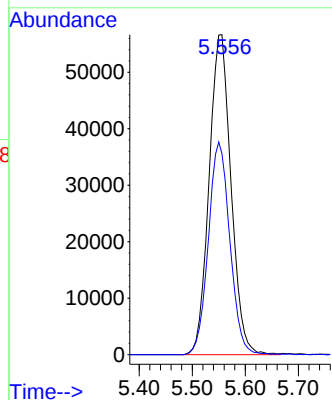


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Instrument :
MSVOA_X
ClientSampleId :
SB-8

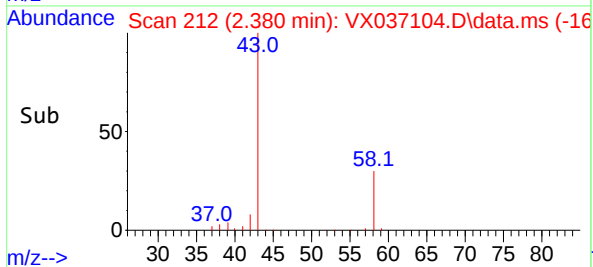
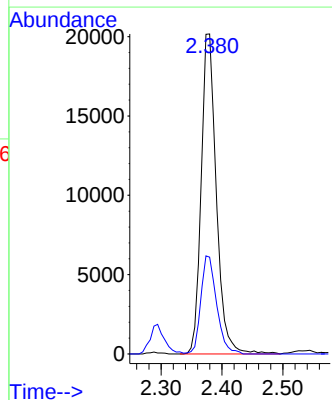
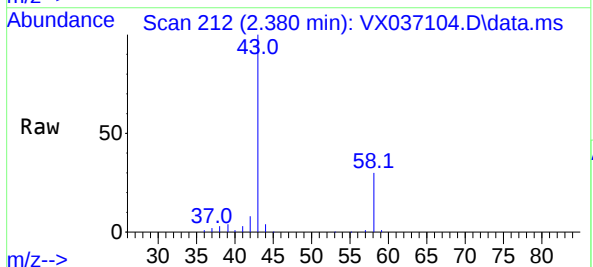


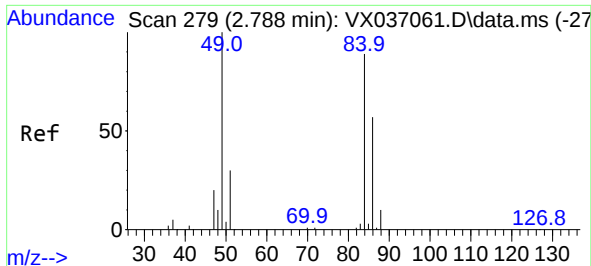
Tgt Ion:168 Resp: 162772
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#16
Acetone
Concen: 38.022 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion: 43 Resp: 34905
Ion Ratio Lower Upper
43 100
58 30.2 21.9 32.9



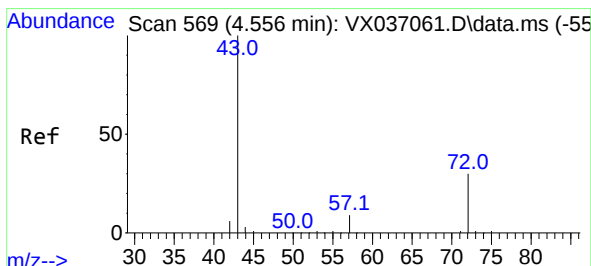
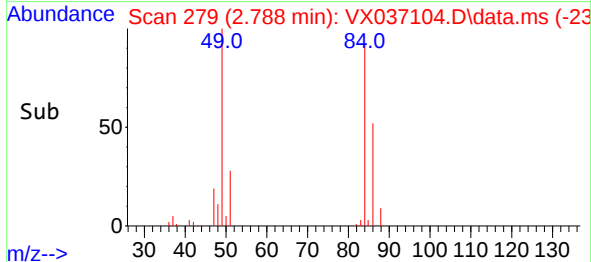
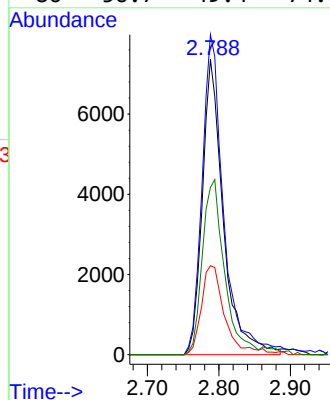
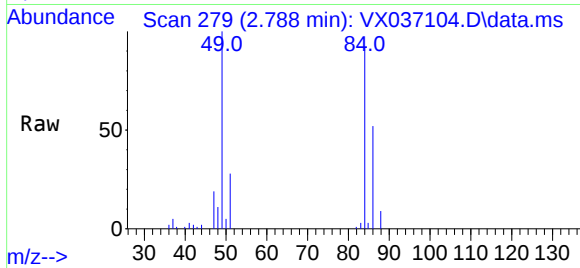


#20
Methylene Chloride
Concen: 7.325 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Instrument :
MSVOA_X
ClientSampleId :
SB-8

Tgt Ion: 84 Resp: 15039

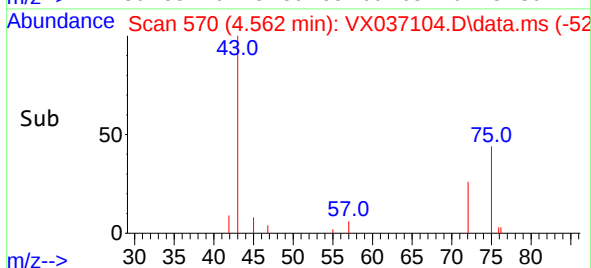
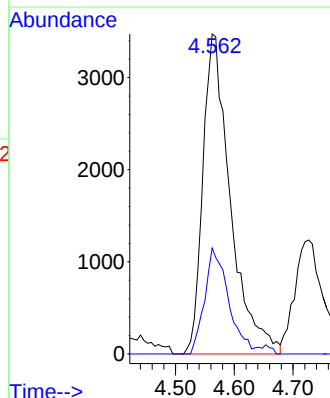
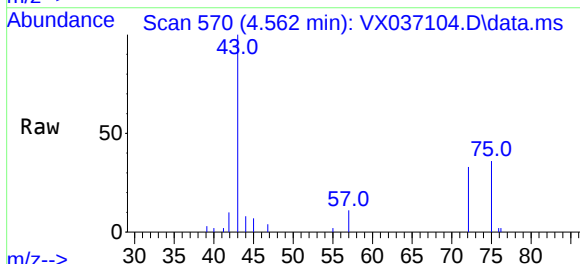
Ion	Ratio	Lower	Upper
84	100		
49	108.4	103.6	155.4
51	30.1	33.8	50.6#
86	56.7	49.4	74.0

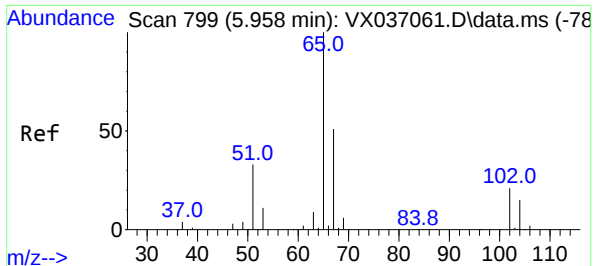


#25
2-Butanone
Concen: 8.179 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion: 43 Resp: 11306

Ion	Ratio	Lower	Upper
43	100		
72	33.1	19.4	29.2#

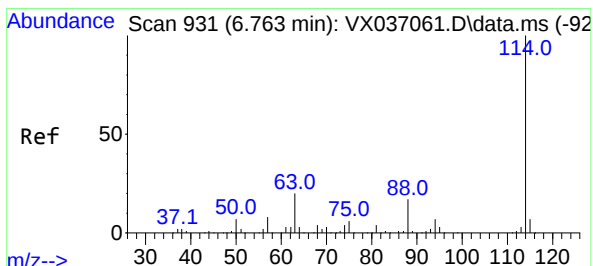
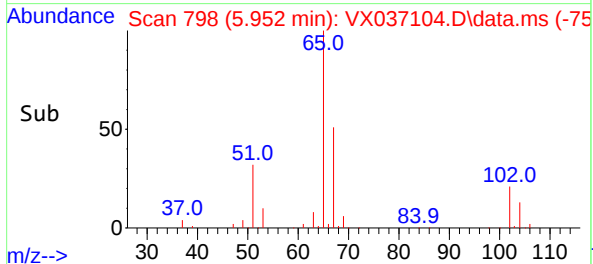
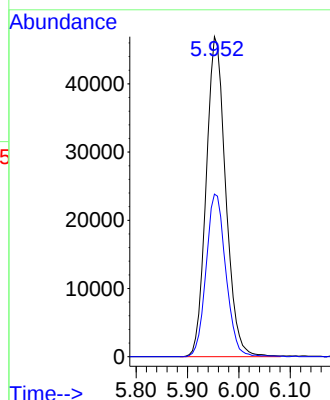
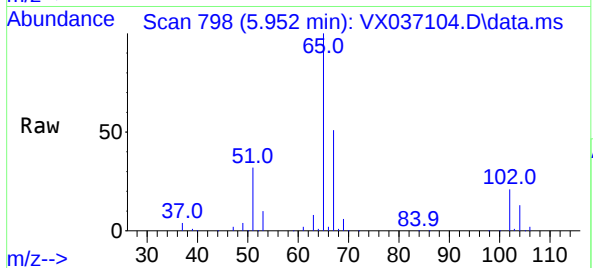




#33
 1,2-Dichloroethane-d4
 Concen: 52.814 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX037104.D
 Acq: 19 Aug 2023 03:15

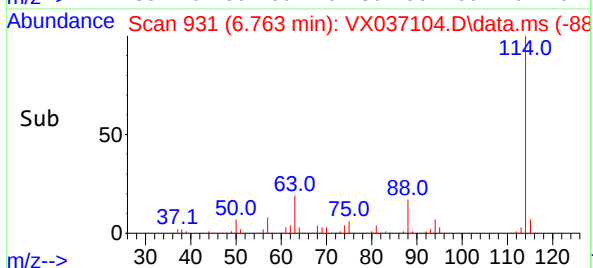
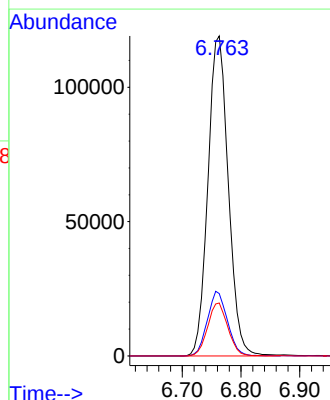
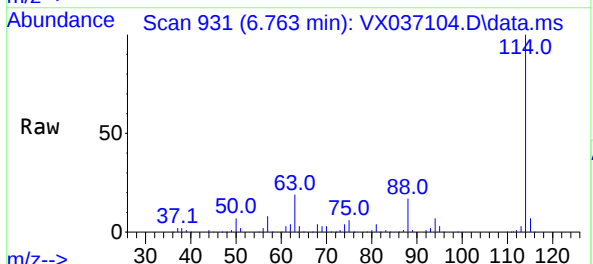
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8

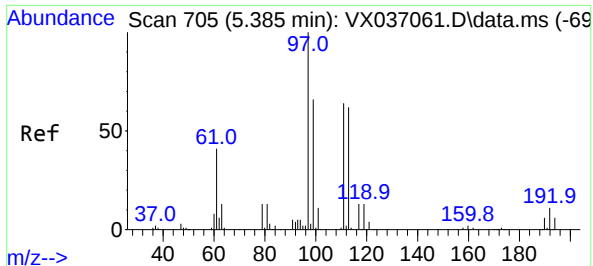
Tgt Ion: 65 Resp: 123935
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037104.D
 Acq: 19 Aug 2023 03:15

Tgt Ion: 114 Resp: 287123
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 16.5 0.0 36.6

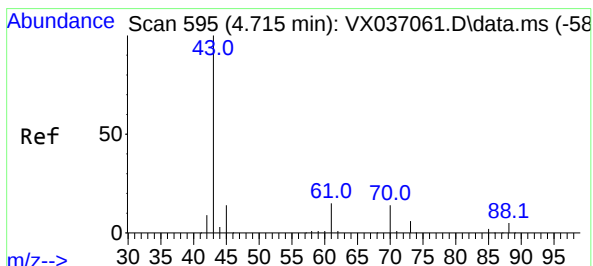
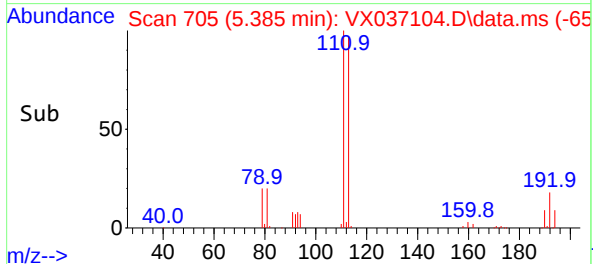
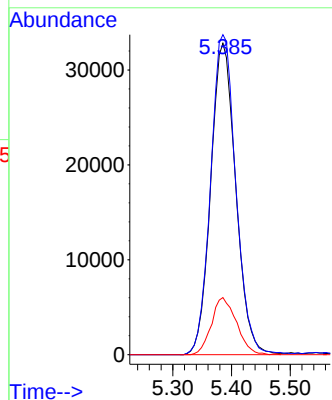
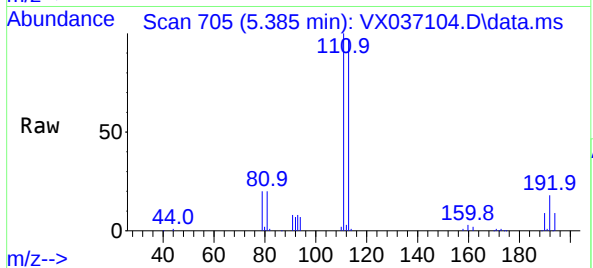




#35
Dibromofluoromethane
Concen: 51.004 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

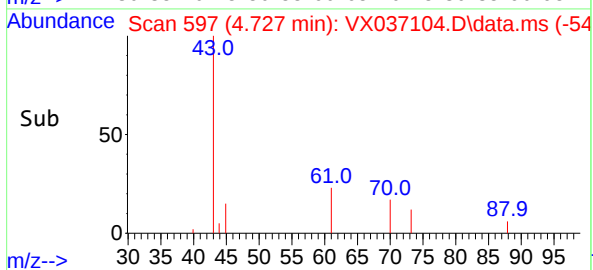
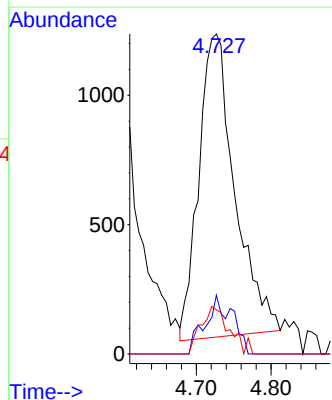
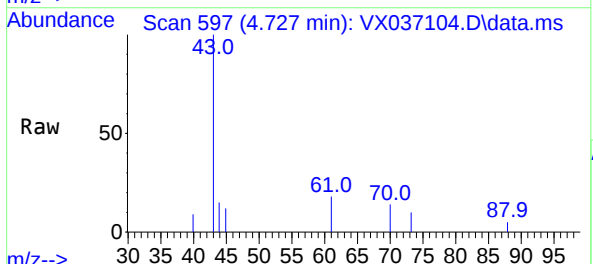
Instrument :
MSVOA_X
ClientSampleId :
SB-8

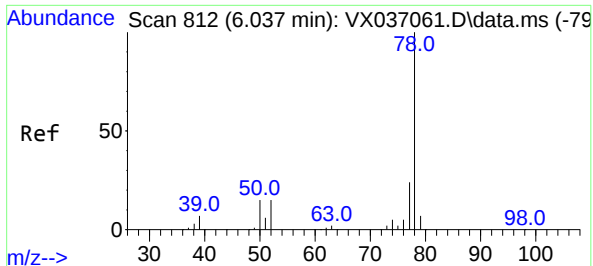
Tgt Ion:113 Resp: 96986
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.4 13.3 19.9



#37
Ethyl Acetate
Concen: 1.423 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion: 43 Resp: 3927
Ion Ratio Lower Upper
43 100
61 9.9 10.6 16.0#
70 12.4 8.3 12.5

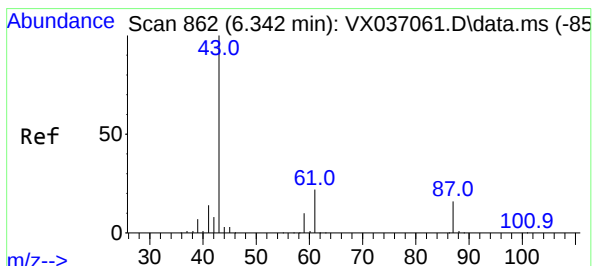
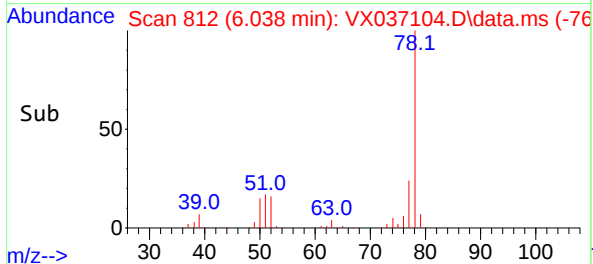
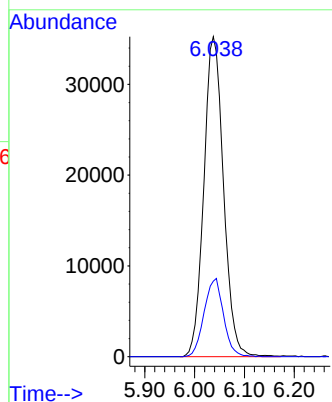
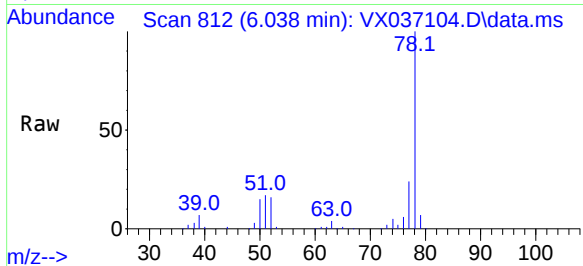




#40
Benzene
Concen: 12.467 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

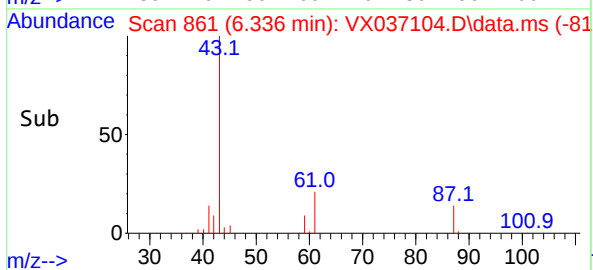
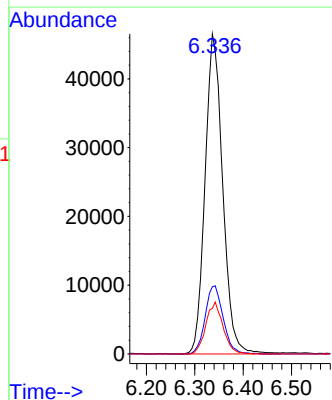
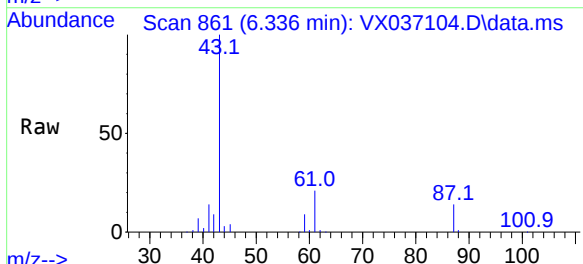
Instrument :
MSVOA_X
ClientSampleId :
SB-8

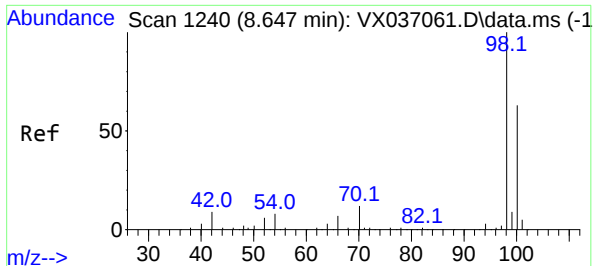
Tgt Ion: 78 Resp: 96593
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9



#43
Isopropyl Acetate
Concen: 26.916 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion: 43 Resp: 117930
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 15.8 9.8 14.6#

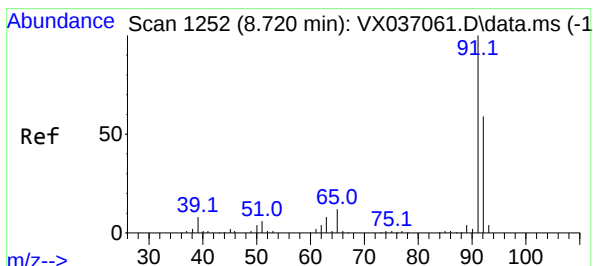
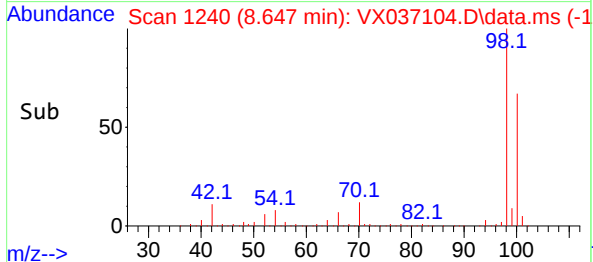
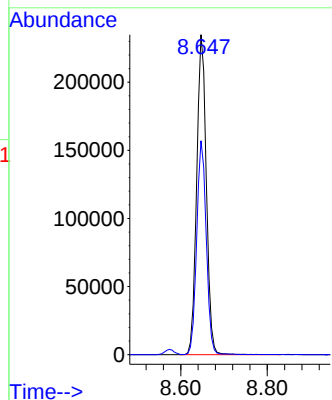
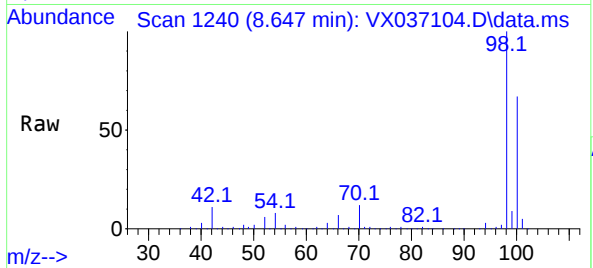




#50
Toluene-d8
Concen: 52.493 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

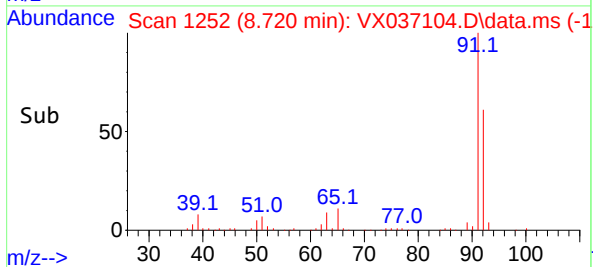
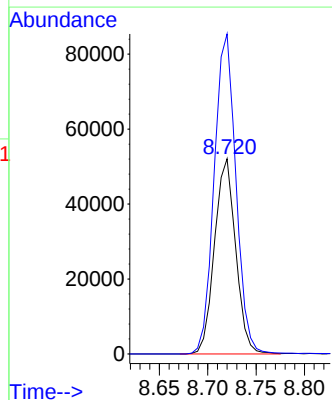
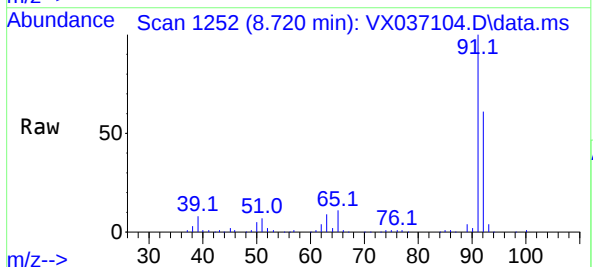
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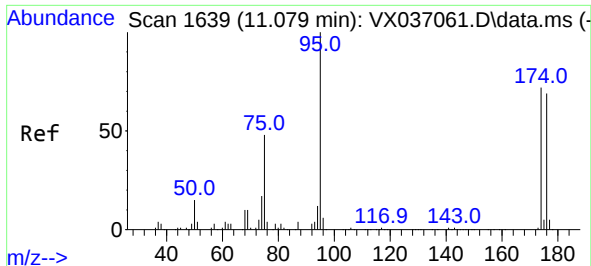
Tgt Ion: 98 Resp: 362077
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#52
Toluene
Concen: 15.461 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion: 92 Resp: 79152
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2

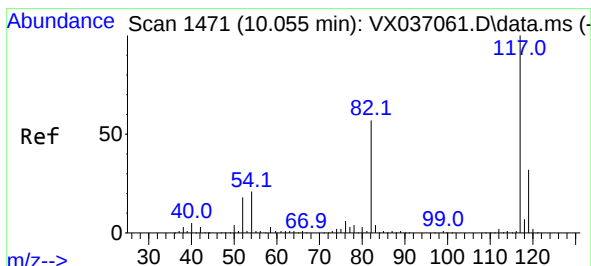
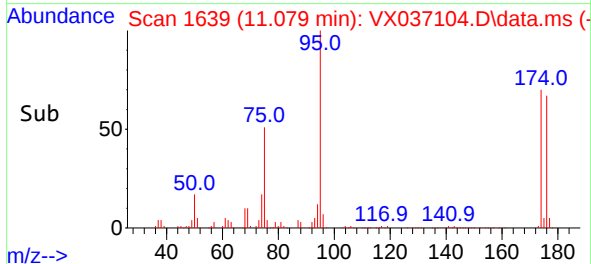
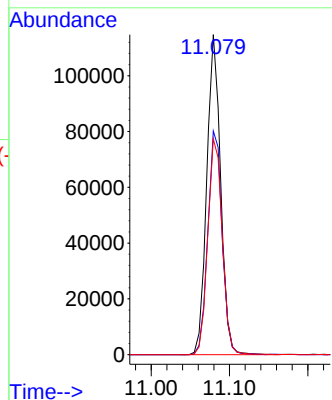
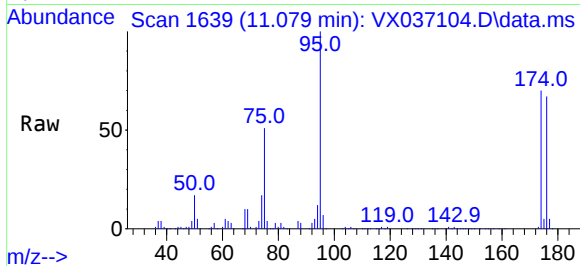




#62
4-Bromofluorobenzene
Concen: 51.749 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

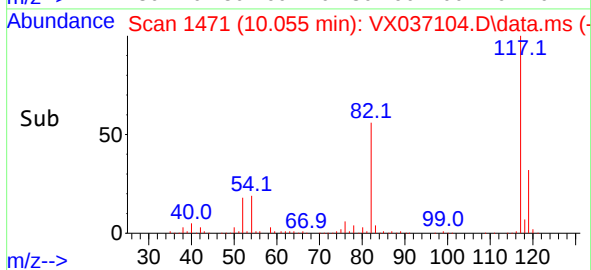
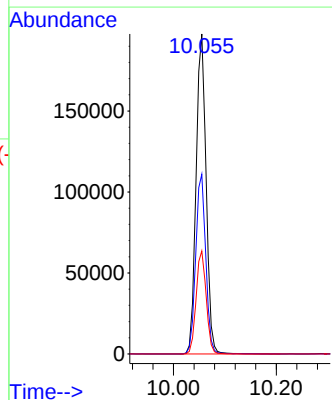
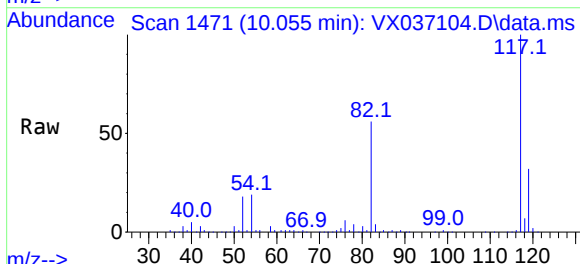
Instrument :
MSVOA_X
ClientSampleId :
SB-8

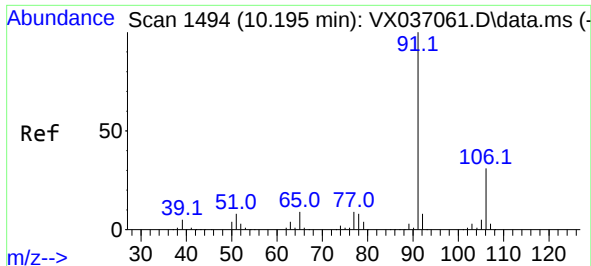
Tgt Ion: 95 Resp: 140274
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion: 117 Resp: 266979
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.2 25.5 38.3

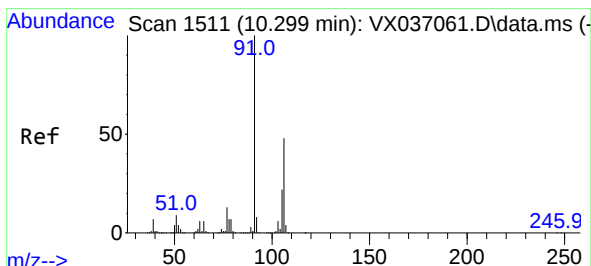
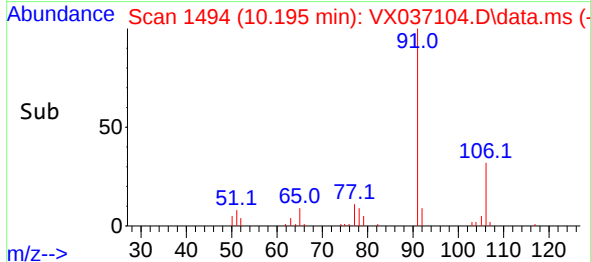
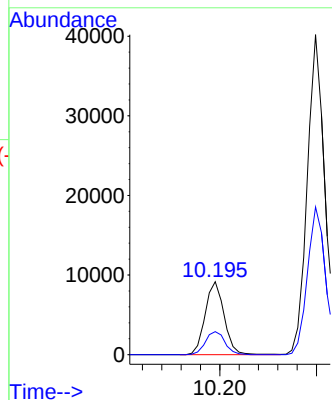
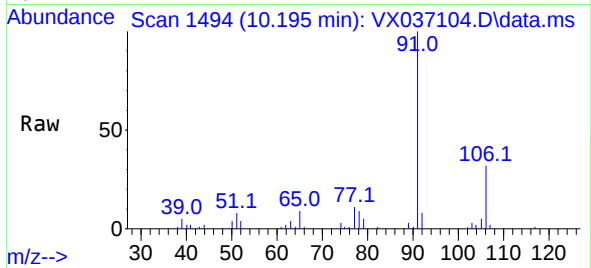




#67
Ethyl Benzene
Concen: 1.259 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

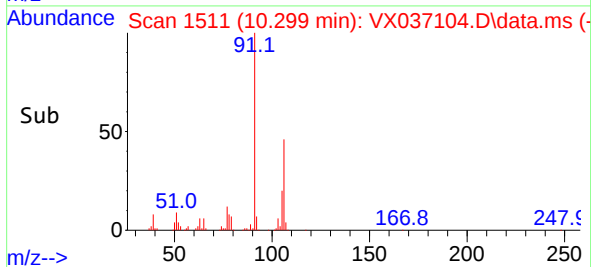
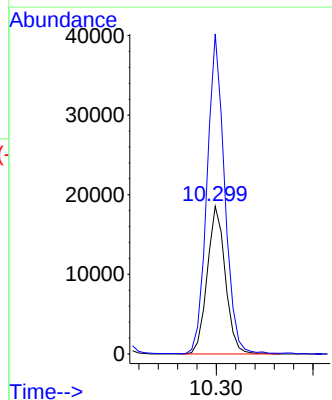
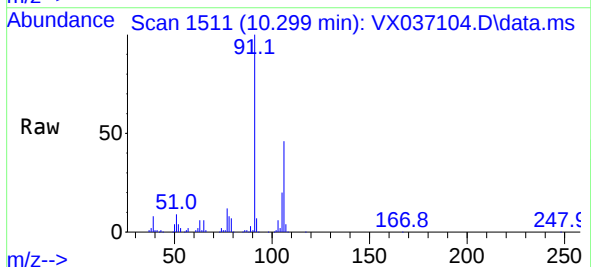
Instrument :
MSVOA_X
ClientSampleId :
SB-8

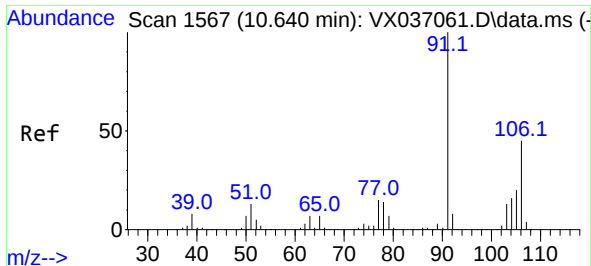
Tgt Ion: 91 Resp: 12501
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 6.291 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion: 106 Resp: 24122
Ion Ratio Lower Upper
106 100
91 210.0 165.5 248.3

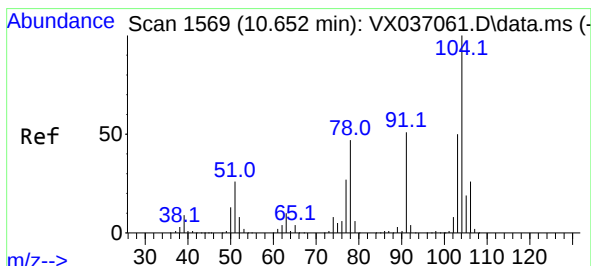
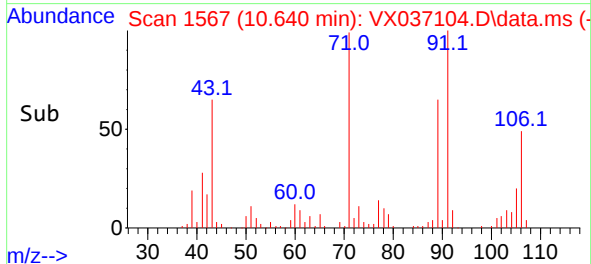
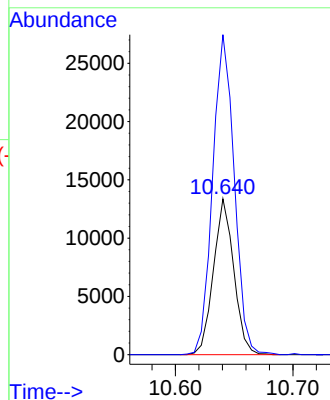
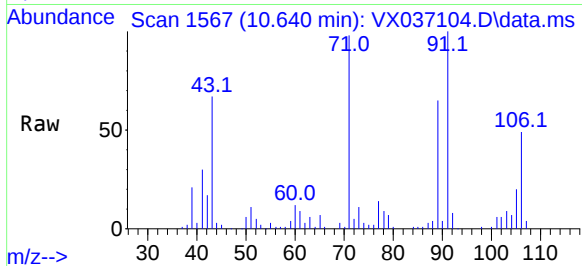




#69
o-Xylene
Concen: 4.258 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

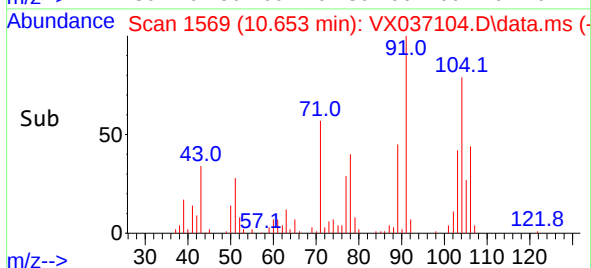
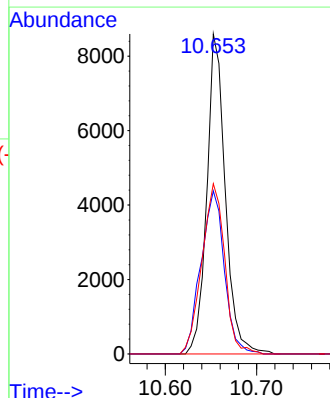
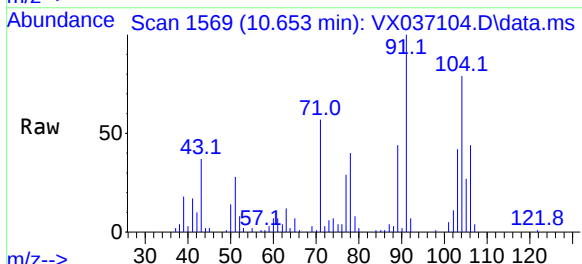
Instrument : MSVOA_X
ClientSampleId : SB-8

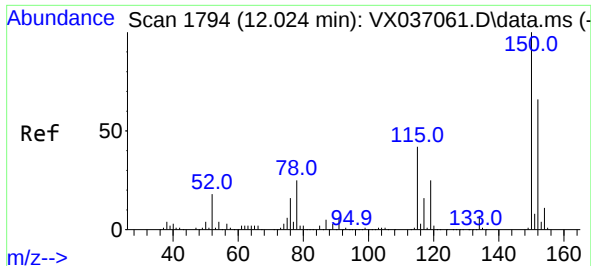
Tgt Ion:106 Resp: 16109
Ion Ratio Lower Upper
106 100
91 217.9 108.9 326.8



#70
Styrene
Concen: 1.938 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion:104 Resp: 12077
Ion Ratio Lower Upper
104 100
78 64.3 43.6 65.4
103 65.5 43.6 65.4#

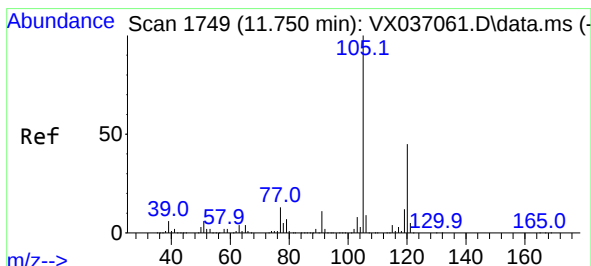
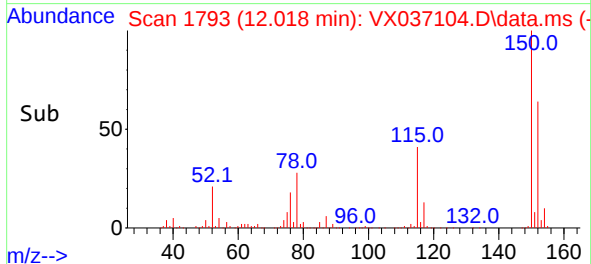
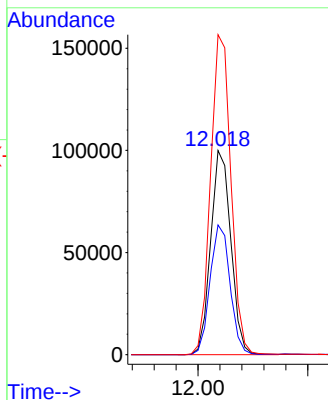
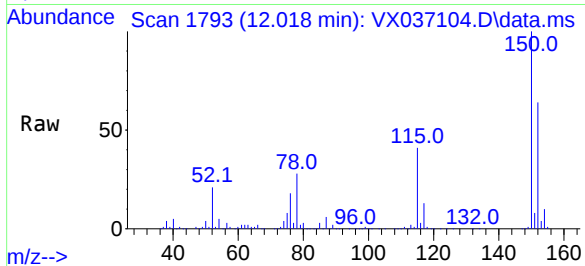




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

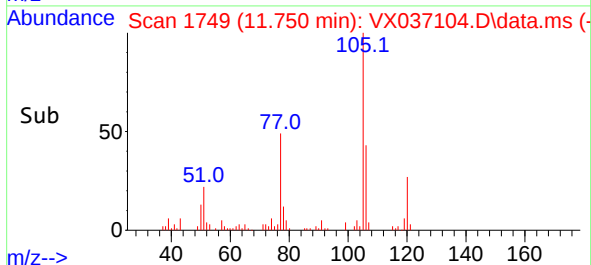
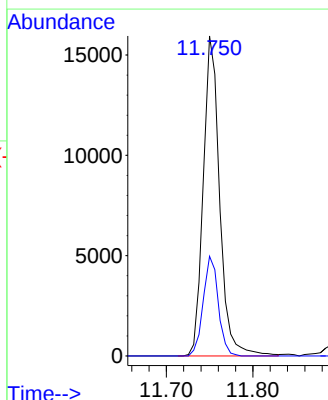
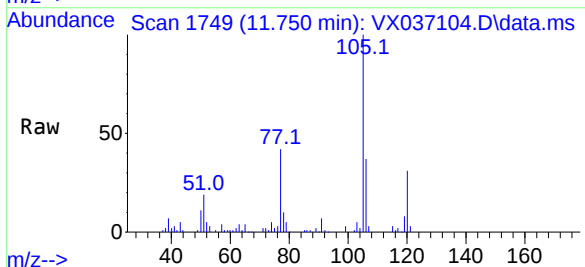
Instrument :
MSVOA_X
ClientSampleId :
SB-8

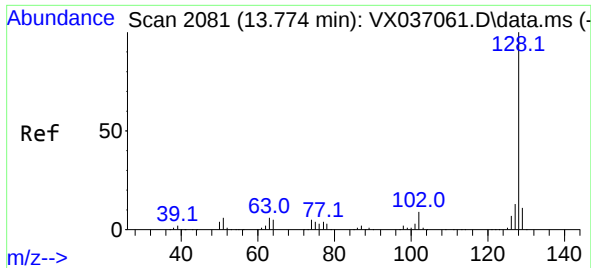
Tgt Ion:152 Resp: 127822
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 158.2 0.0 345.0



#84
1,2,4-Trimethylbenzene
Concen: 2.681 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Tgt Ion:105 Resp: 21000
Ion Ratio Lower Upper
105 100
120 28.5 21.2 63.6





#95
Naphthalene
Concen: 43.636 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX037104.D
Acq: 19 Aug 2023 03:15

Instrument :
MSVOA_X
ClientSampleId :
SB-8

Tgt Ion:128 Resp: 465246
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

