

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037105.D
 Acq On : 19 Aug 2023 03:38
 Operator : JC/MD
 Sample : 04071-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

Quant Time: Aug 21 01:39:29 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)

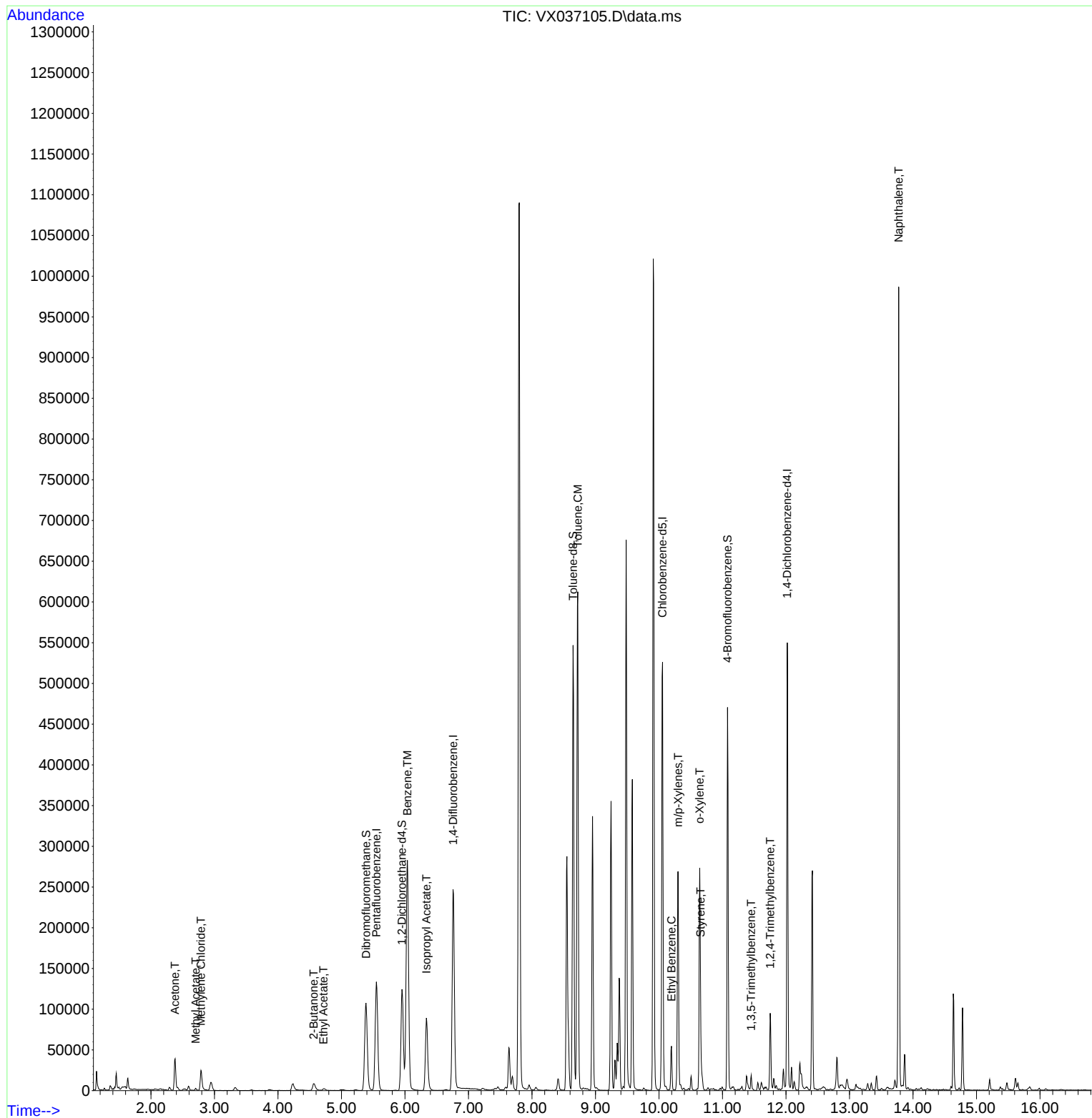
Internal Standards						
1) Pentafluorobenzene	5.550	168	123195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	257285	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125775	70.816	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 141.640%#			
35) Dibromofluoromethane	5.385	113	94428	55.418	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.840%			
50) Toluene-d8	8.647	98	327444	52.977	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.960%			
62) 4-Bromofluorobenzene	11.079	95	125732	51.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.520%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	42103	60.596	ug/l #	89
18) Methyl Acetate	2.703	43	2955	1.130	ug/l	93
20) Methylene Chloride	2.788	84	13291	8.554	ug/l	92
25) 2-Butanone	4.562	43	11922	11.396	ug/l #	85
37) Ethyl Acetate	4.715	43	3912	1.582	ug/l #	89
40) Benzene	6.038	78	353556	50.923	ug/l	99
43) Isopropyl Acetate	6.336	43	119552	30.451	ug/l #	93
52) Toluene	8.720	92	239886	52.293	ug/l	100
67) Ethyl Benzene	10.195	91	31630	3.516	ug/l	100
68) m/p-Xylenes	10.299	106	60881	17.522	ug/l	99
69) o-Xylene	10.640	106	37426	10.918	ug/l	98
70) Styrene	10.653	104	21570	3.820	ug/l #	84
80) 1,3,5-Trimethylbenzene	11.451	105	7853	1.164	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	35302	5.178	ug/l	78
95) Naphthalene	13.774	128	586171	63.160	ug/l	100

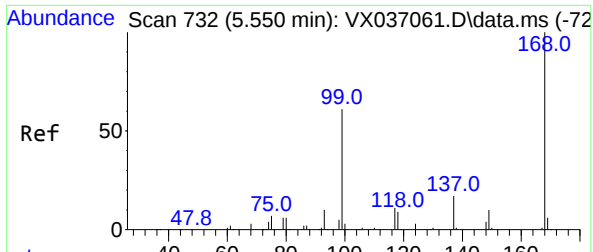
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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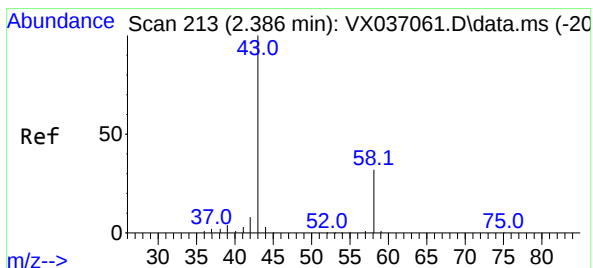
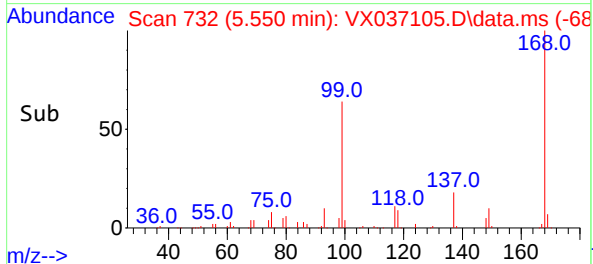
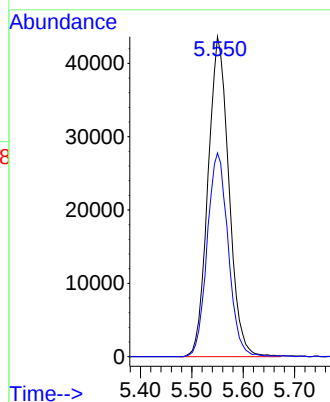
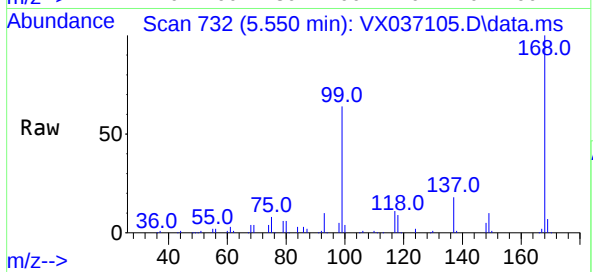




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

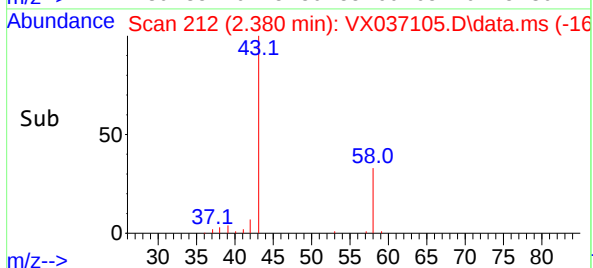
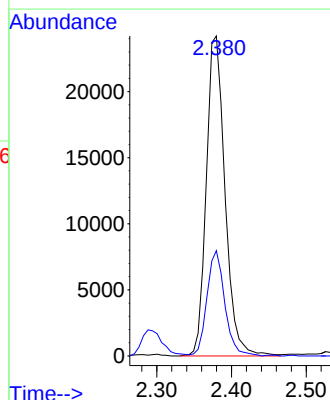
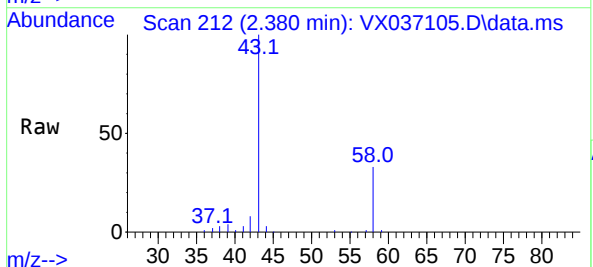
Instrument :
MSVOA_X
ClientSampleId :
SB-9

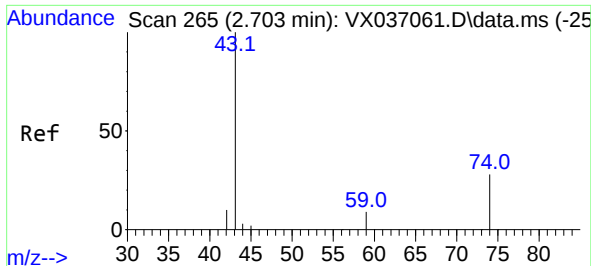
Tgt Ion:168 Resp: 123195
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#16
Acetone
Concen: 60.596 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion: 43 Resp: 42103
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#

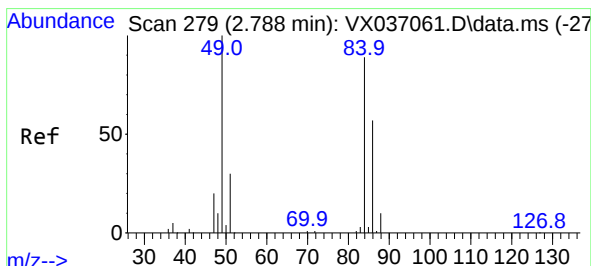
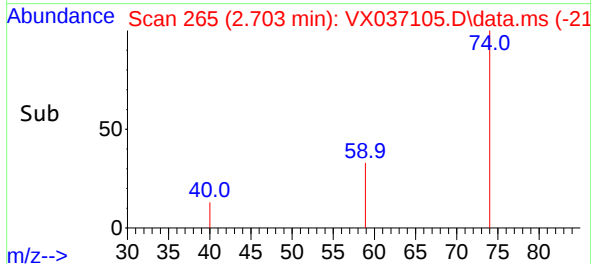
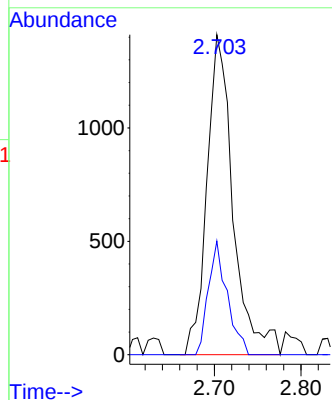
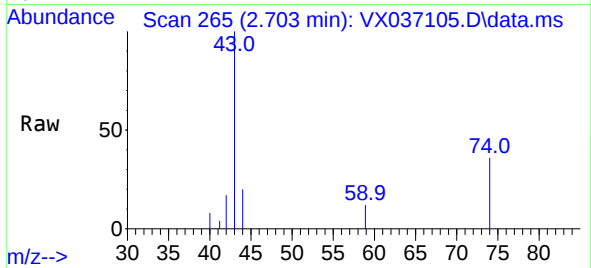




#18
Methyl Acetate
Concen: 1.130 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

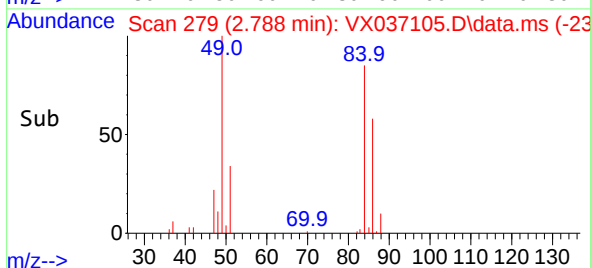
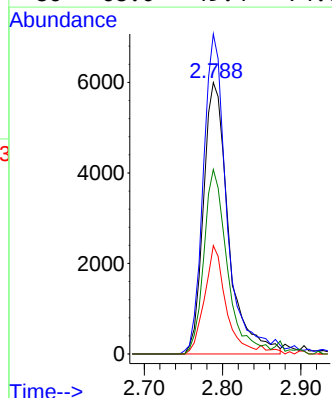
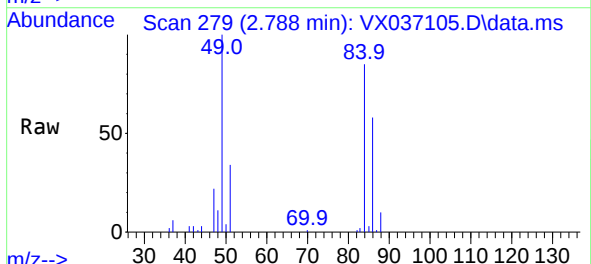
Instrument :
MSVOA_X
ClientSampleId :
SB-9

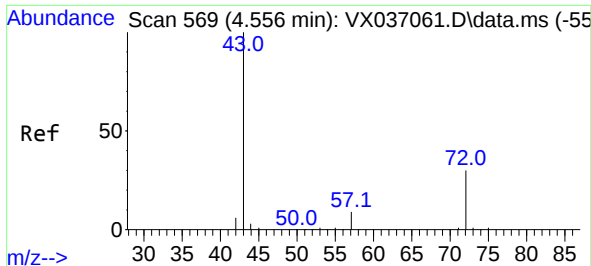
Tgt Ion: 43 Resp: 2955
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8



#20
Methylene Chloride
Concen: 8.554 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion: 84 Resp: 13291
Ion Ratio Lower Upper
84 100
49 117.9 103.6 155.4
51 39.9 33.8 50.6
86 68.0 49.4 74.0

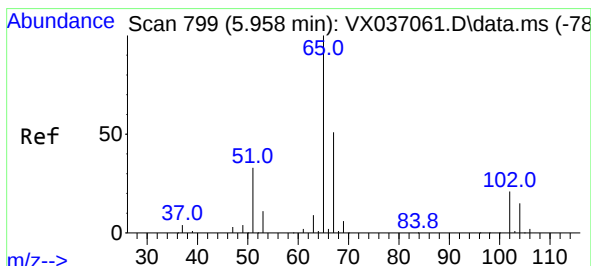
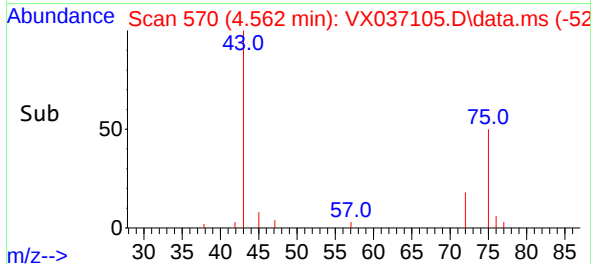
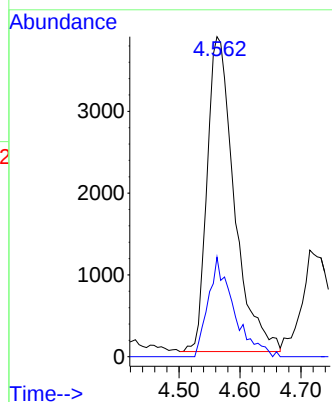
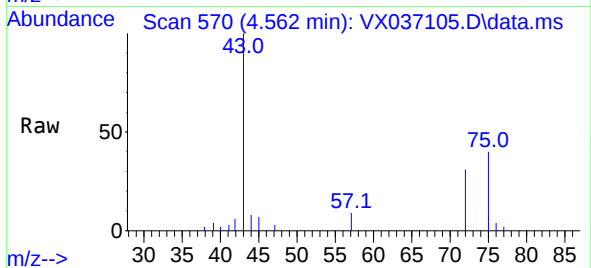




#25
2-Butanone
Concen: 11.396 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

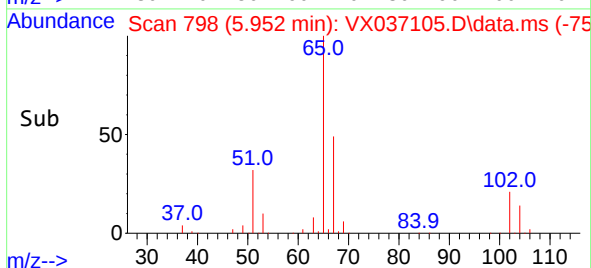
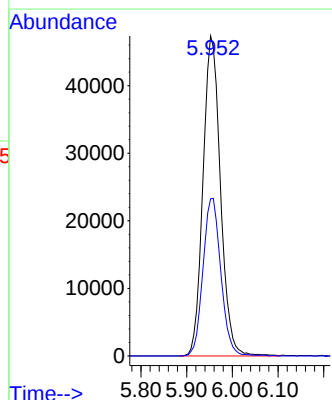
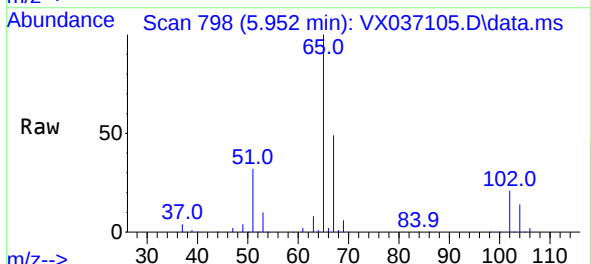
Instrument :
MSVOA_X
ClientSampleId :
SB-9

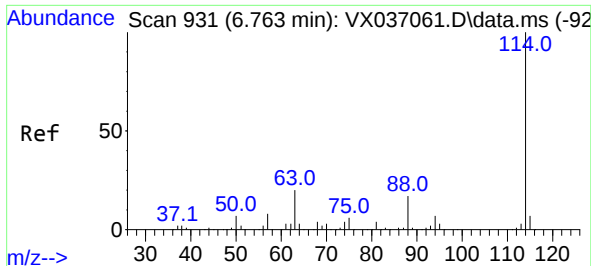
Tgt Ion: 43 Resp: 11922
Ion Ratio Lower Upper
43 100
72 31.6 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 70.816 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion: 65 Resp: 125775
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

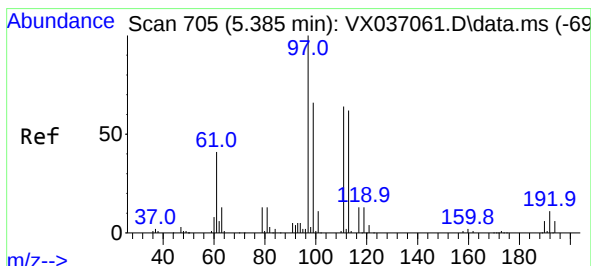
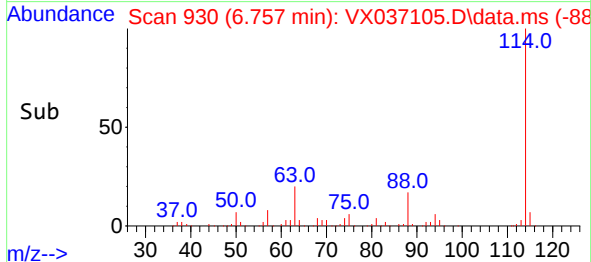
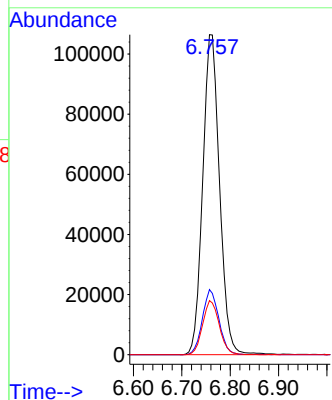
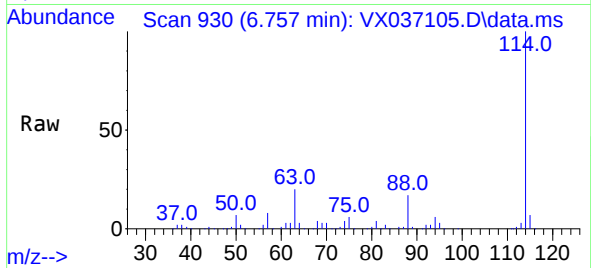




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

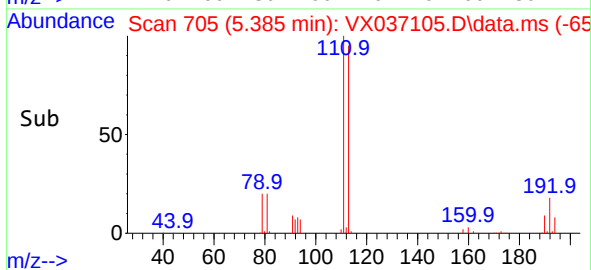
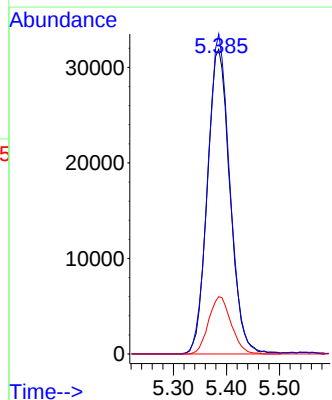
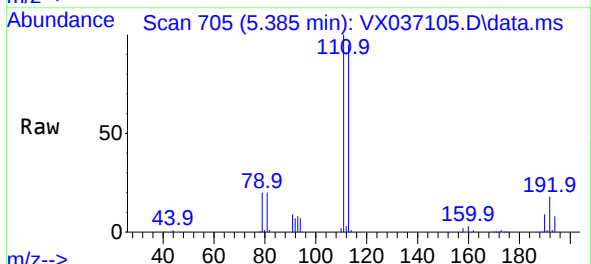
Instrument :
MSVOA_X
ClientSampleId :
SB-9

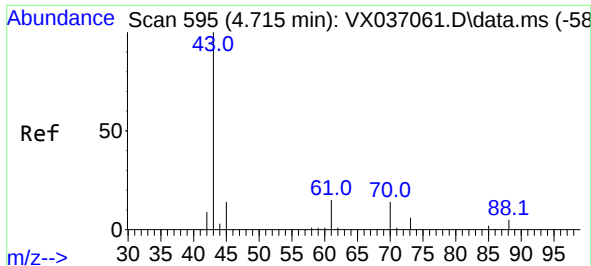
Tgt Ion:114 Resp: 257285
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 55.418 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion:113 Resp: 94428
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.7 13.3 19.9





#37

Ethyl Acetate

Concen: 1.582 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX037105.D

Acq: 19 Aug 2023 03:38

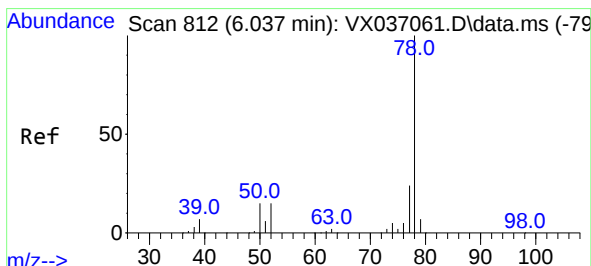
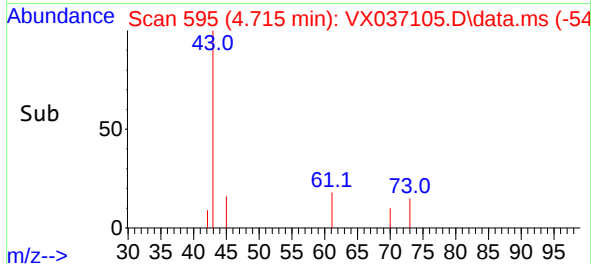
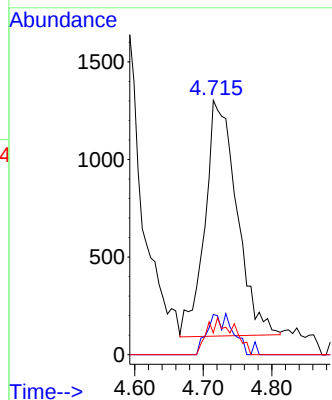
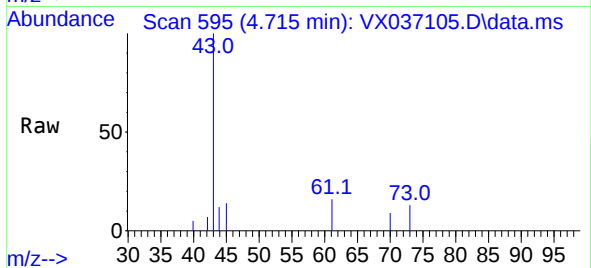
Instrument :

MSVOA_X

ClientSampleId :

SB-9

Tgt Ion:	43	Resp:	3912
Ion	Ratio	Lower	Upper
43	100		
61	7.9	10.6	16.0#
70	13.0	8.3	12.5#



#40

Benzene

Concen: 50.923 ug/l

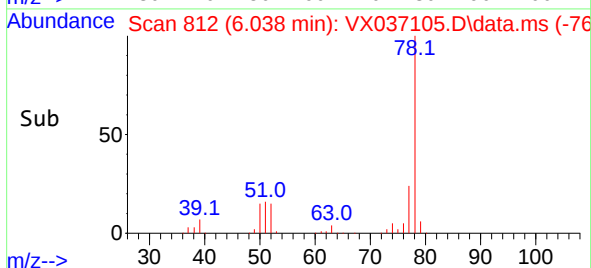
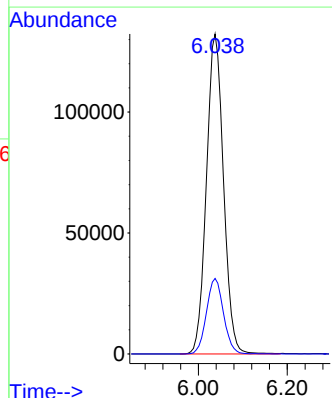
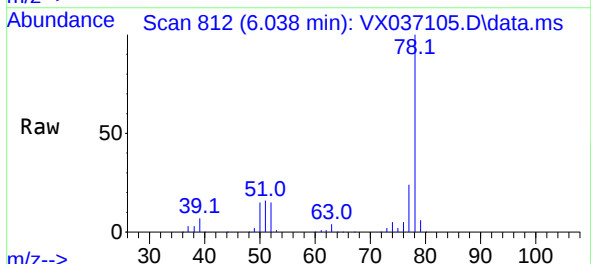
RT: 6.038 min Scan# 812

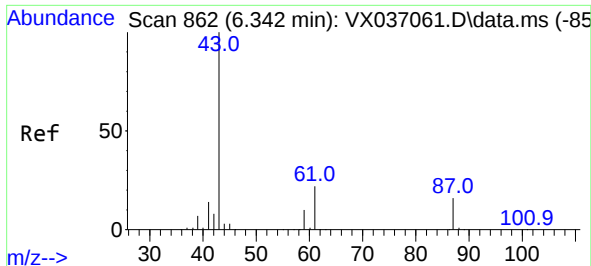
Delta R.T. 0.000 min

Lab File: VX037105.D

Acq: 19 Aug 2023 03:38

Tgt Ion:	78	Resp:	353556
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9

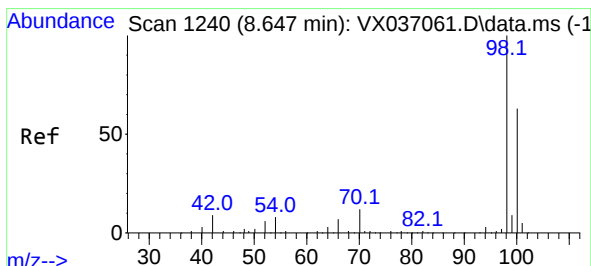
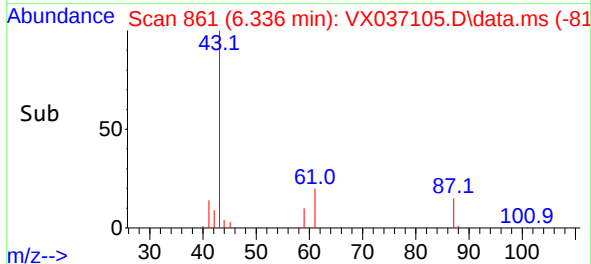
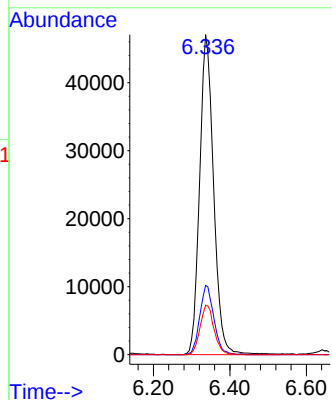
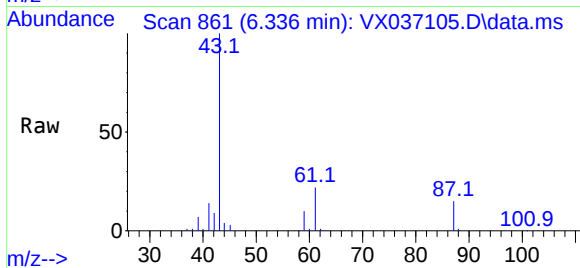




#43
Isopropyl Acetate
Concen: 30.451 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

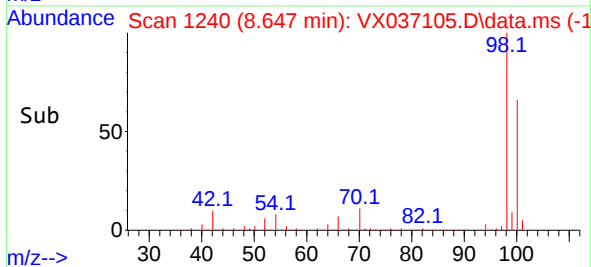
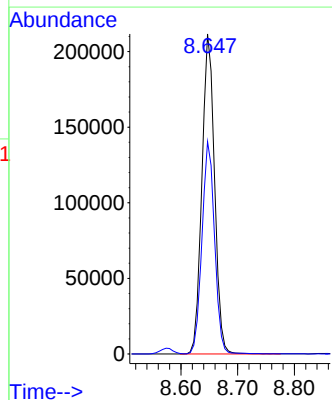
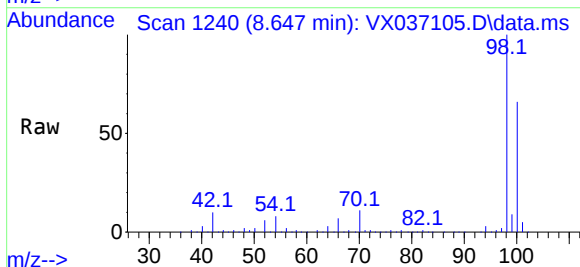
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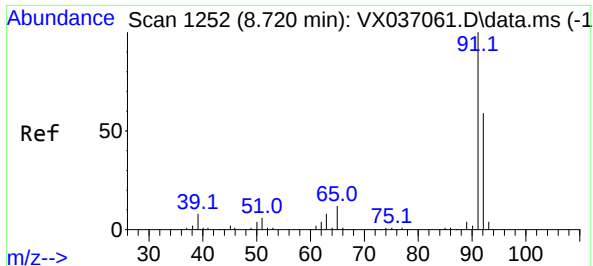
Tgt Ion: 43 Resp: 119552
Ion Ratio Lower Upper
43 100
61 21.8 15.2 22.8
87 15.4 9.8 14.6#



#50
Toluene-d8
Concen: 52.977 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion: 98 Resp: 327444
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

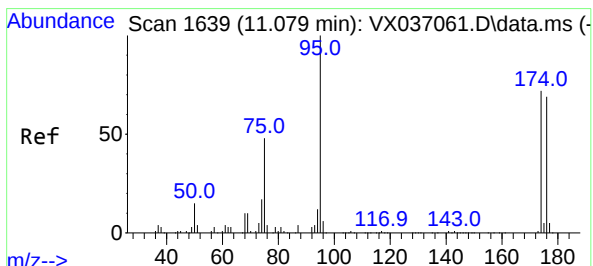
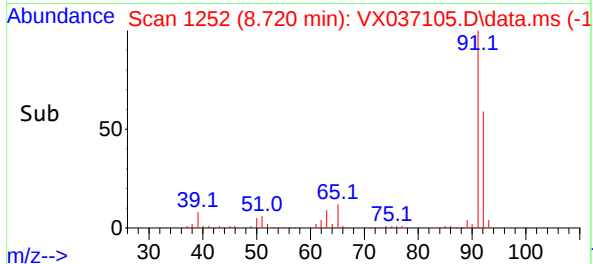
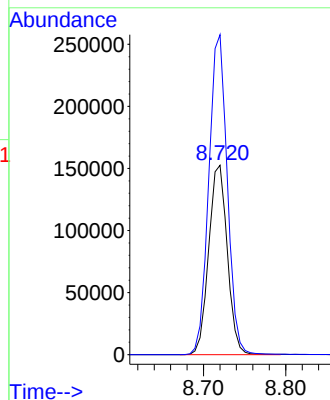
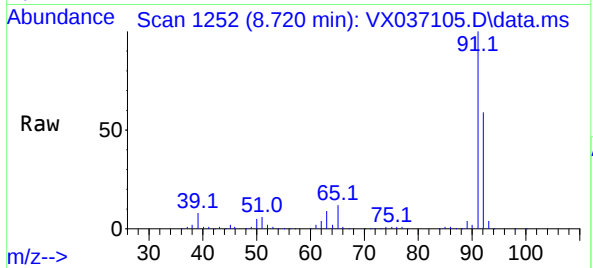




#52
Toluene
Concen: 52.293 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

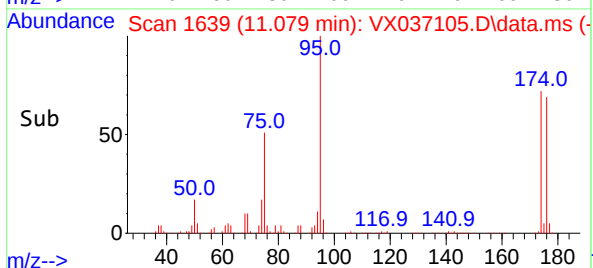
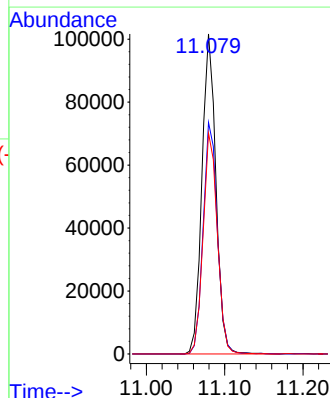
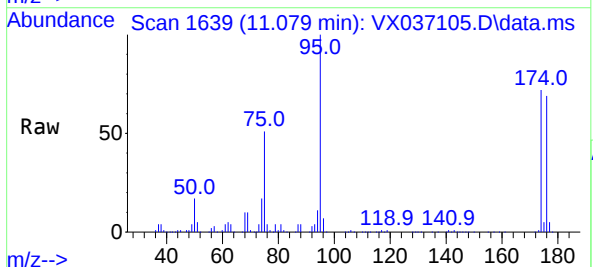
Instrument :
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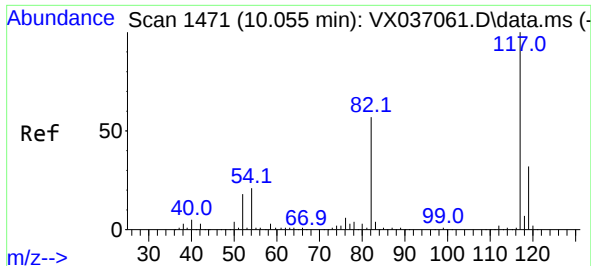
Tgt Ion: 92 Resp: 239886
Ion Ratio Lower Upper
92 100
91 168.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion: 95 Resp: 125732
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.4 0.0 131.0

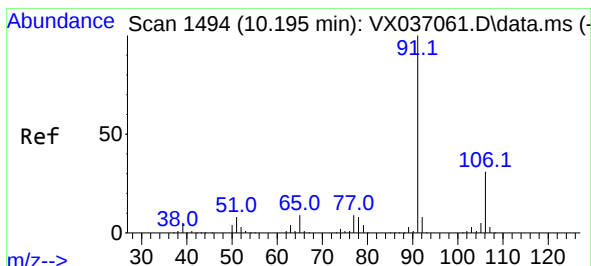
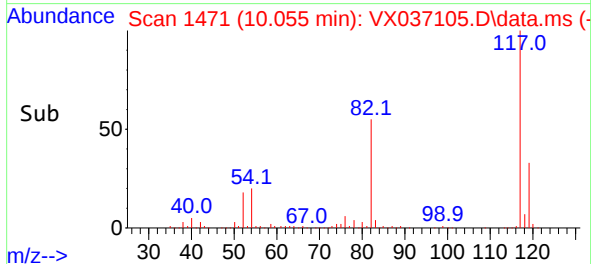
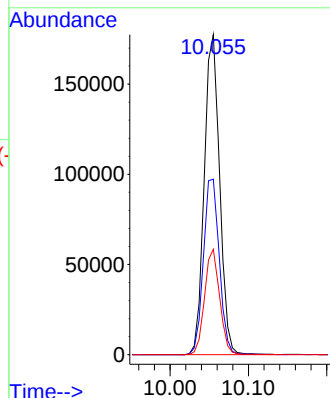
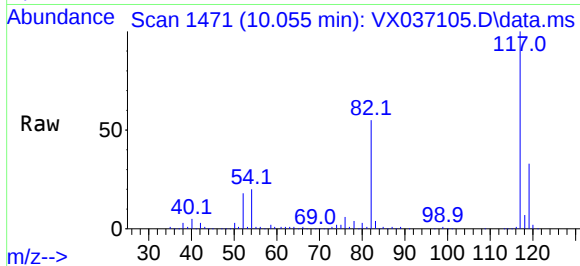




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

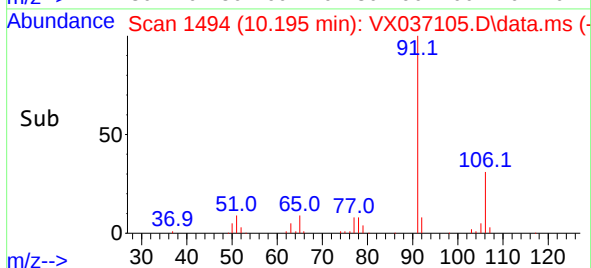
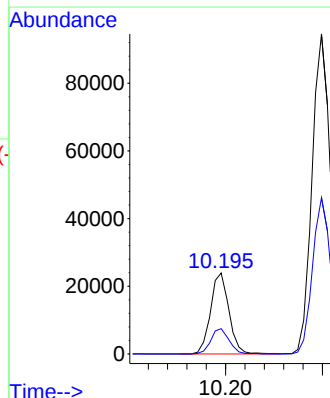
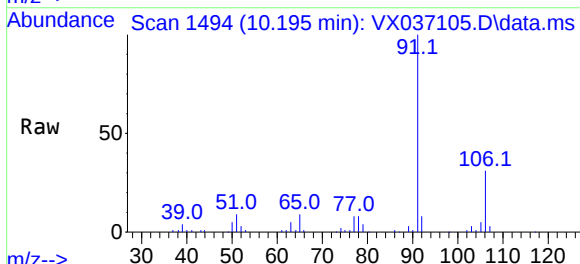
Instrument :
MSVOA_X
ClientSampleId :
SB-9

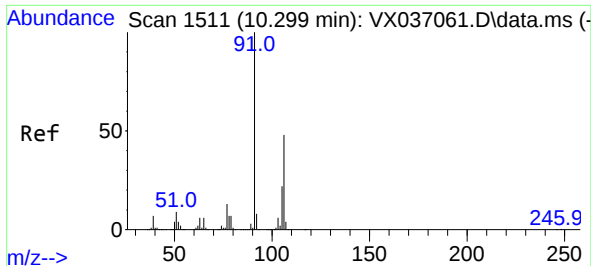
Tgt Ion:117 Resp: 241926
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 33.0 25.5 38.3



#67
Ethyl Benzene
Concen: 3.516 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion: 91 Resp: 31630
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

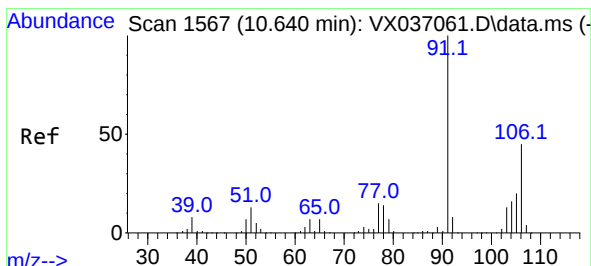
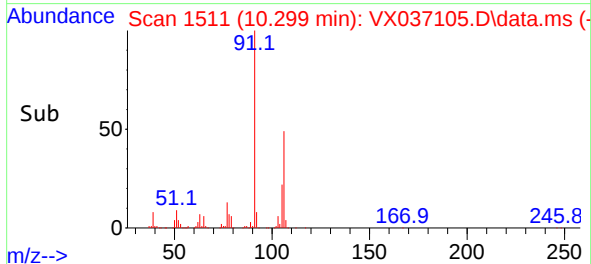
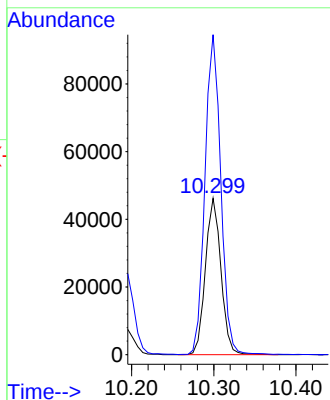
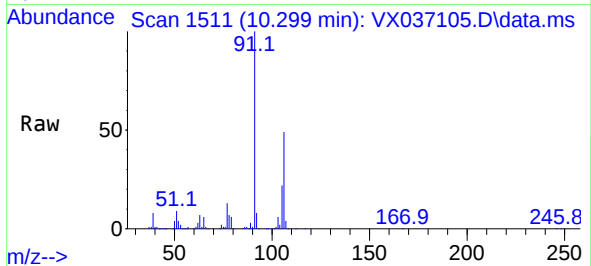




#68
m/p-Xylenes
Concen: 17.522 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

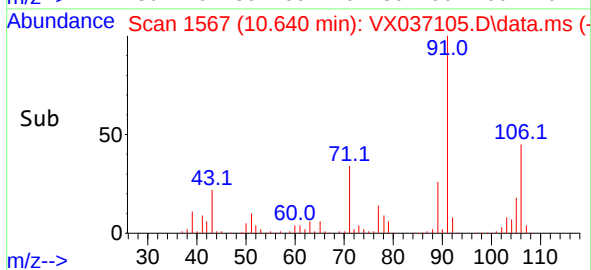
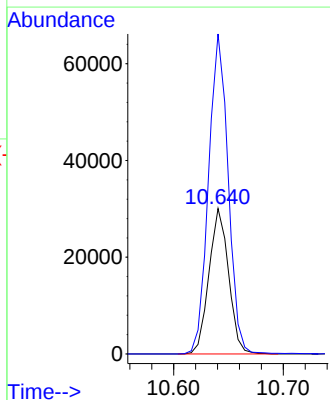
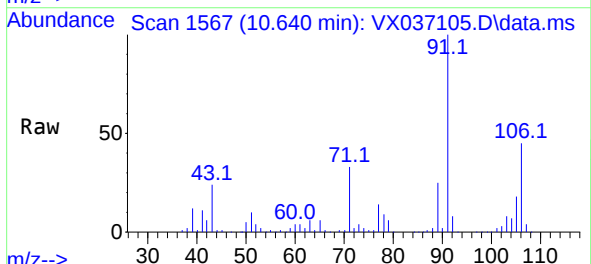
Instrument :
MSVOA_X
ClientSampleId :
SB-9

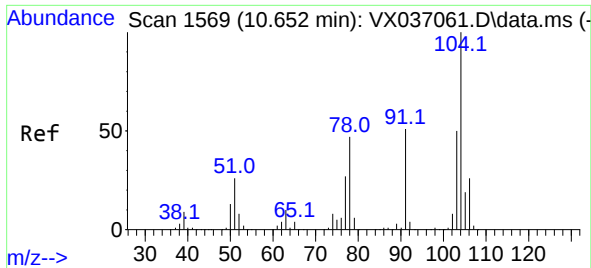
Tgt Ion:106 Resp: 60881
Ion Ratio Lower Upper
106 100
91 208.3 165.5 248.3



#69
o-Xylene
Concen: 10.918 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion:106 Resp: 37426
Ion Ratio Lower Upper
106 100
91 220.6 108.9 326.8

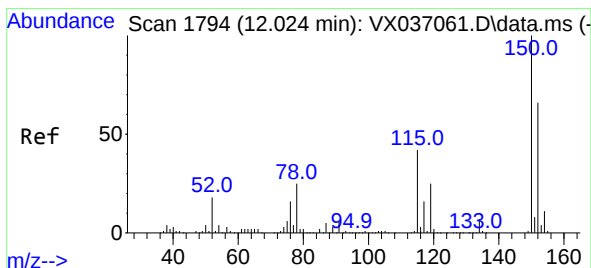
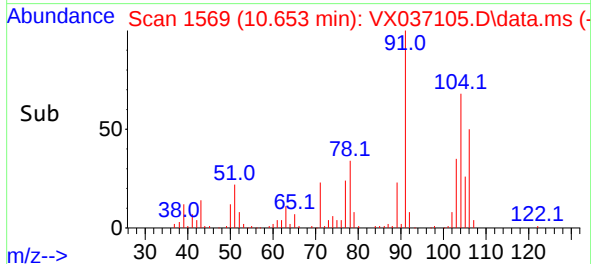
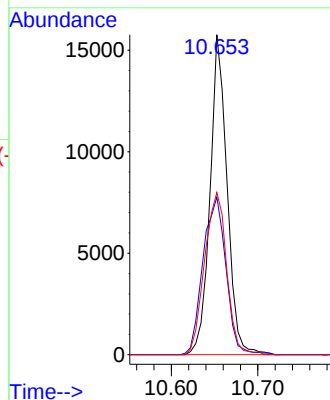
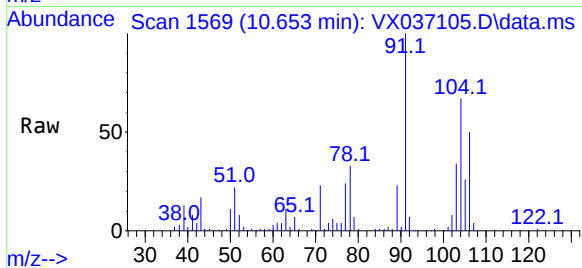




#70
Styrene
Concen: 3.820 ug/l
RT: 10.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

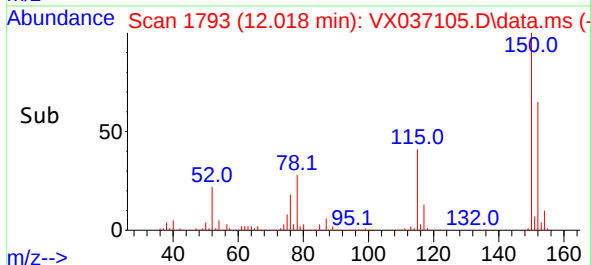
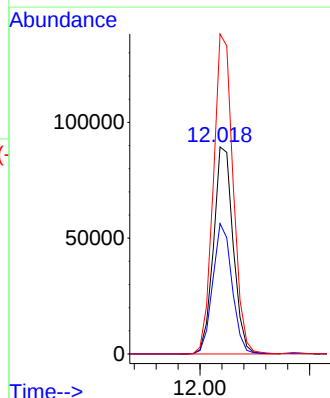
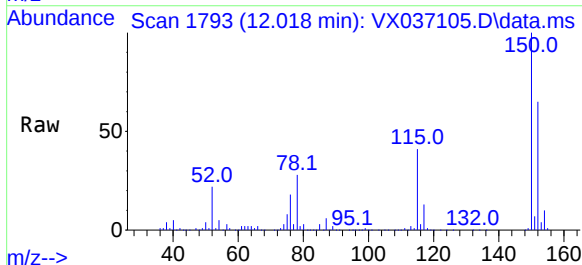
Instrument :
MSVOA_X
ClientSampleId :
SB-9

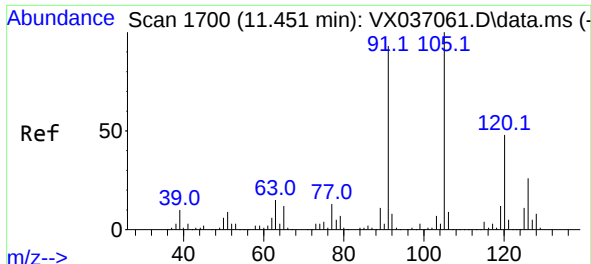
Tgt Ion:104 Resp: 21570
Ion Ratio Lower Upper
104 100
78 66.3 43.6 65.4#
103 65.5 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Tgt Ion:152 Resp: 111263
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 155.5 0.0 345.0

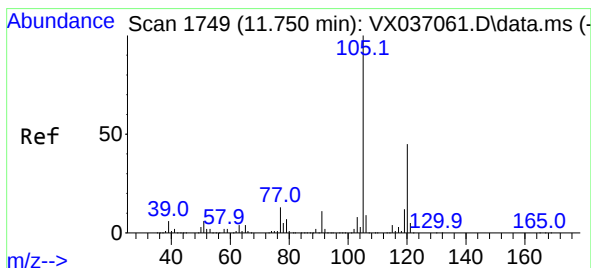
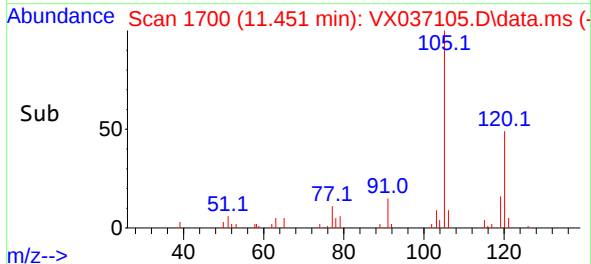
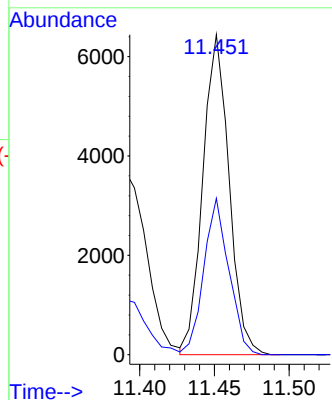
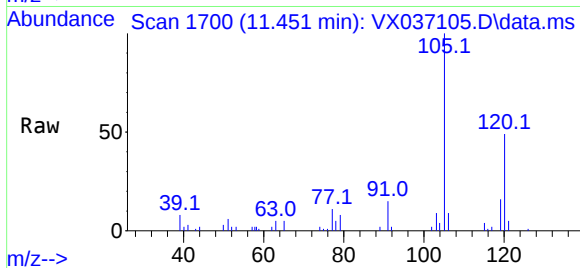




#80
1,3,5-Trimethylbenzene
Concen: 1.164 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

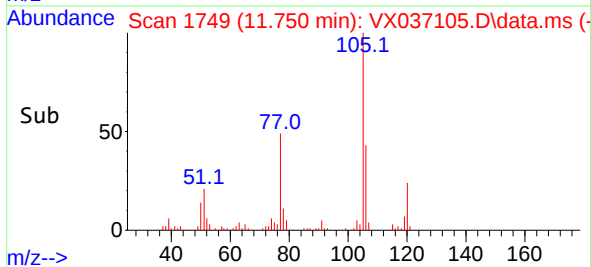
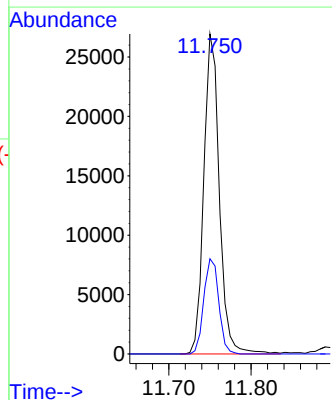
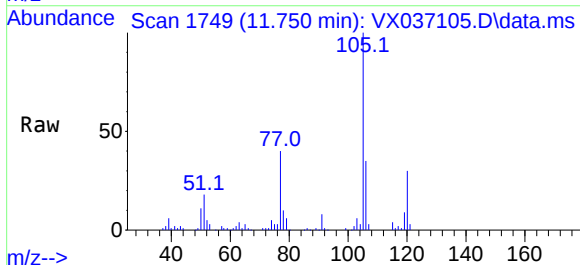
Instrument :
MSVOA_X
ClientSampleId :
SB-9

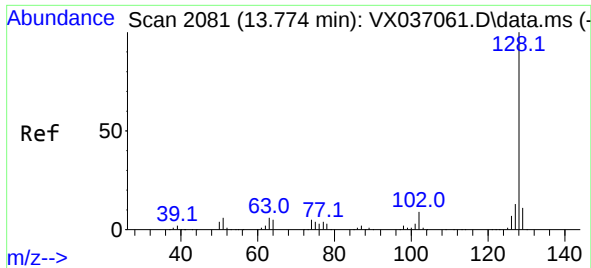
Tgt Ion:105 Resp: 7853
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 5.178 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

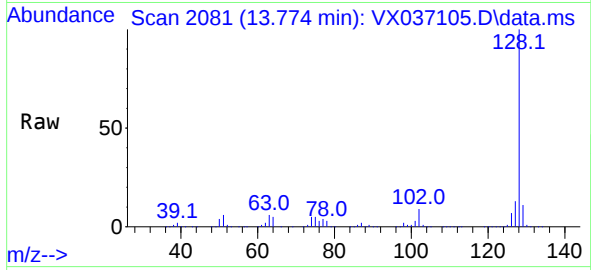
Tgt Ion:105 Resp: 35302
Ion Ratio Lower Upper
105 100
120 28.6 21.2 63.6





#95
Naphthalene
Concen: 63.160 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037105.D
Acq: 19 Aug 2023 03:38

Instrument :
MSVOA_X
ClientSampleId :
SB-9



Tgt Ion:	128	Resp:	586171
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.8	13.2

