

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015347.D
 Acq On : 25 Aug 2023 17:03
 Operator : SY/MD
 Sample : 04147-01
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05(46-47)

Quant Time: Aug 25 23:44:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

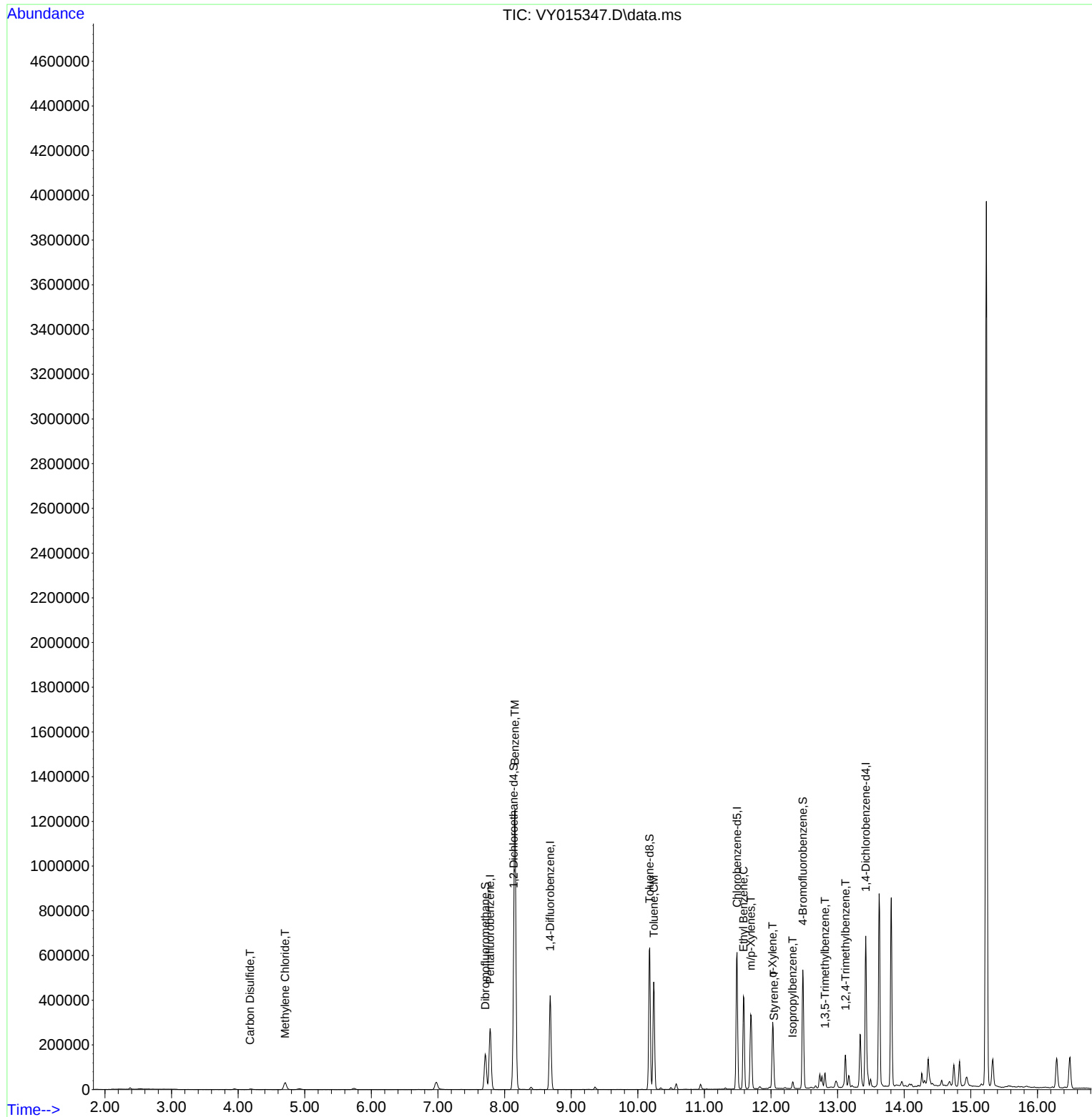
Internal Standards						
1) Pentafluorobenzene	7.783	168	212421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137078	53.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.520%	
35) Dibromofluoromethane	7.710	113	110673	48.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.360%	
50) Toluene-d8	10.179	98	412944	48.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	12.477	95	153923	49.794	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.580%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.180	76	3955	1.520	ug/l #	84
20) Methylene Chloride	4.704	84	23325	8.054	ug/l #	87
40) Benzene	8.155	78	1182821	155.546	ug/l	99
52) Toluene	10.240	92	202153	40.333	ug/l	94
67) Ethyl Benzene	11.587	91	285409	27.185	ug/l	98
68) m/p-Xylenes	11.697	106	105921	26.564	ug/l	94
69) o-Xylene	12.026	106	74766	18.822	ug/l	97
70) Styrene	12.044	104	26087	3.794	ug/l #	65
73) Isopropylbenzene	12.325	105	18325	1.704	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	31470	3.511	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	76283	8.518	ug/l	99

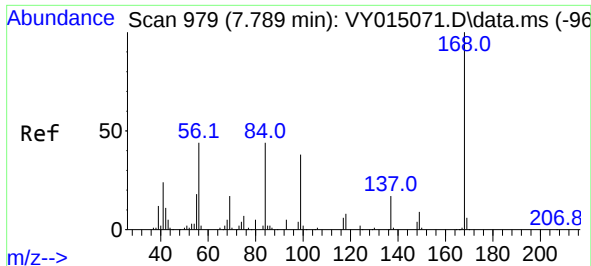
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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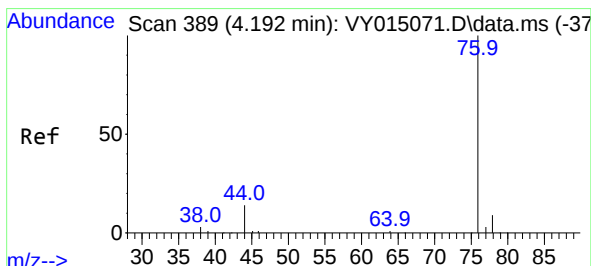
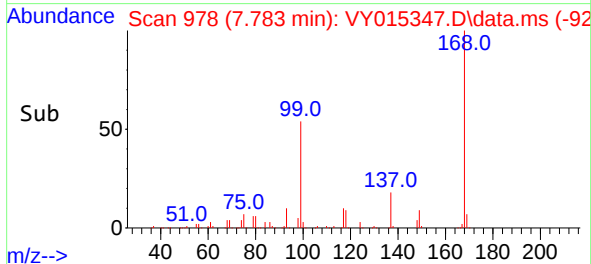
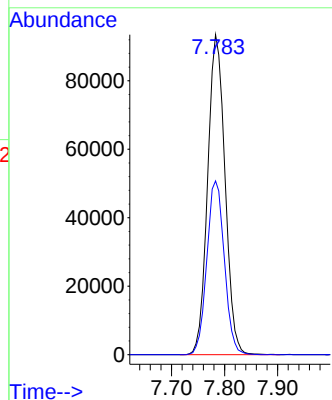
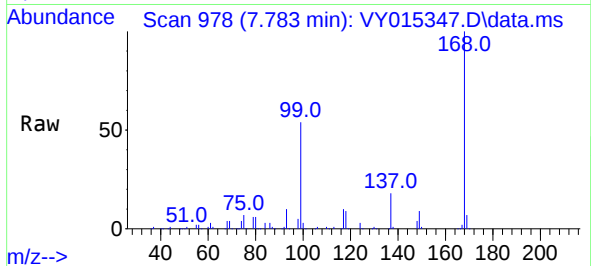




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

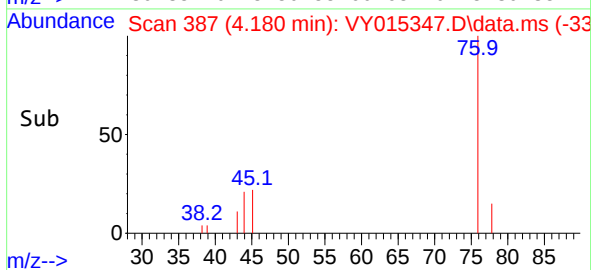
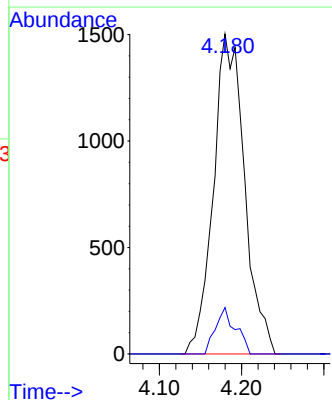
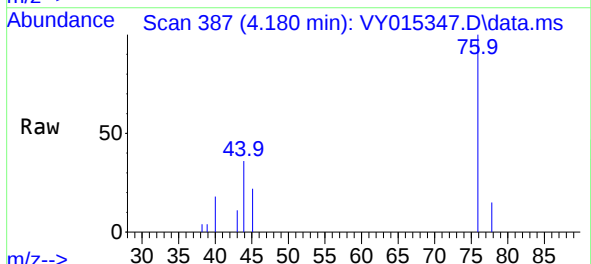
Instrument :
MSVOA_Y
ClientSampleId :
SB-05(46-47)

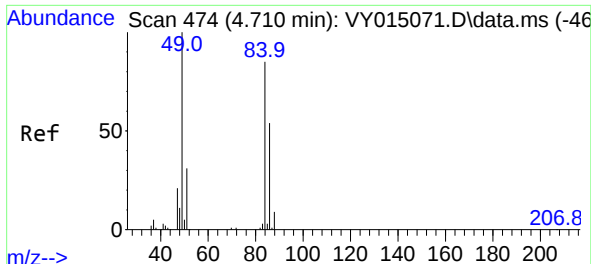
Tgt Ion:168 Resp: 212421
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#17
Carbon Disulfide
Concen: 1.520 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion: 76 Resp: 3955
Ion Ratio Lower Upper
76 100
78 14.5 7.0 10.4#



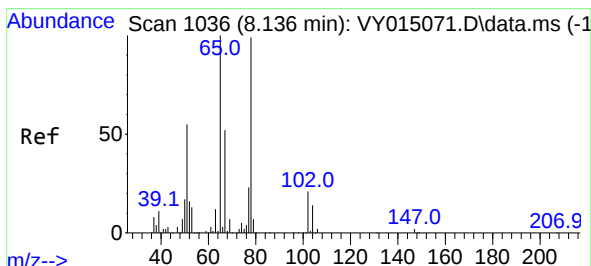
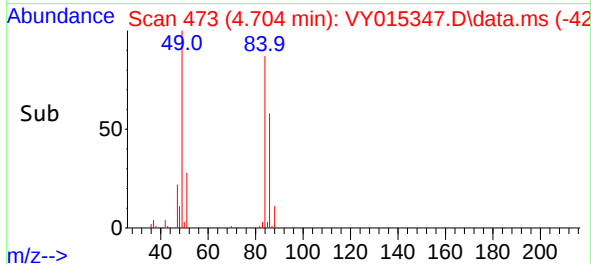
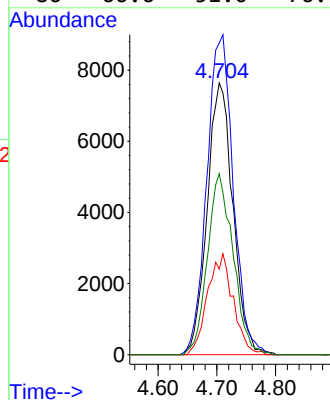
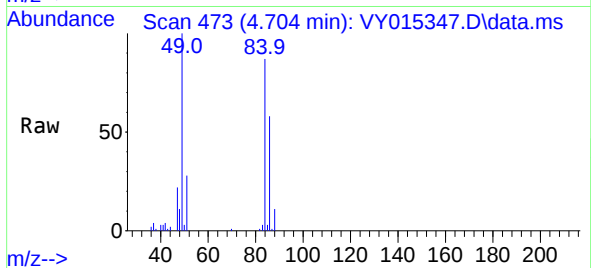


#20
Methylene Chloride
Concen: 8.054 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-05(46-47)

Tgt Ion: 84 Resp: 23325

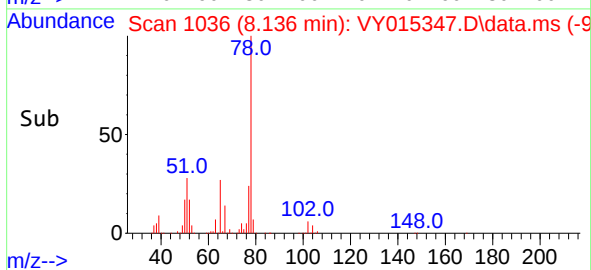
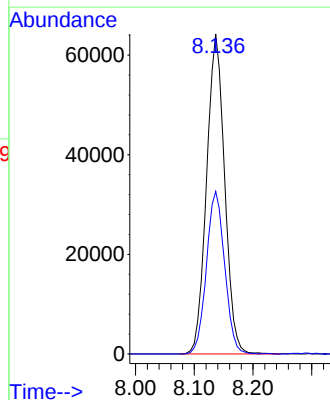
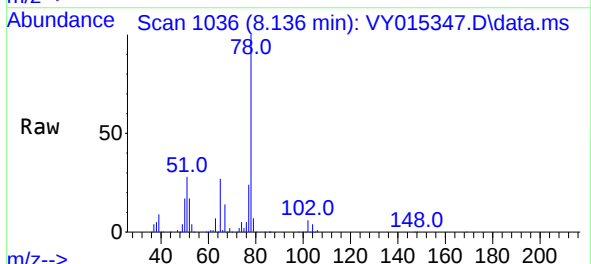
Ion	Ratio	Lower	Upper
84	100		
49	114.6	106.9	160.3
51	31.5	33.2	49.8#
86	66.6	51.0	76.6

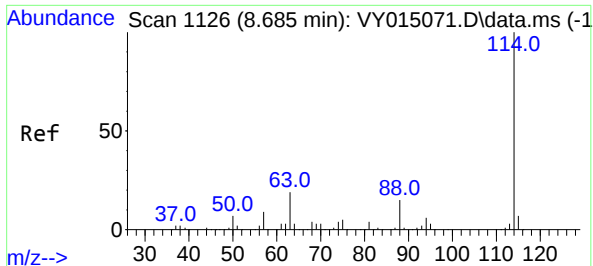


#33
1,2-Dichloroethane-d4
Concen: 53.758 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion: 65 Resp: 137078

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	101.8

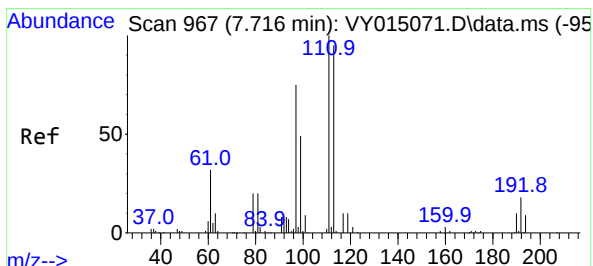
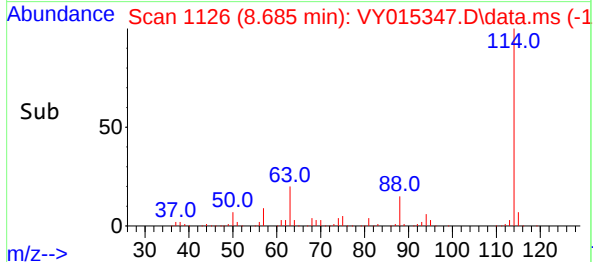
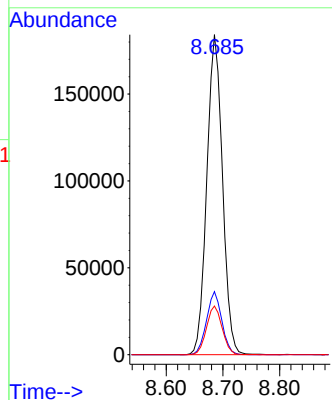
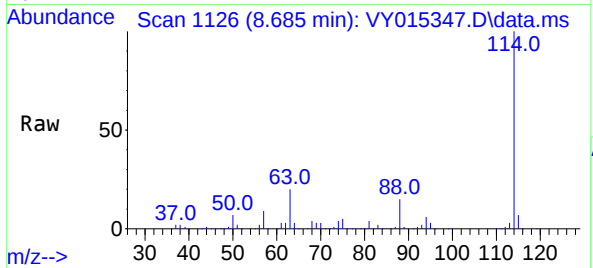




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

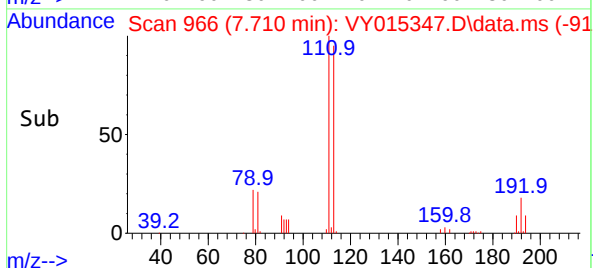
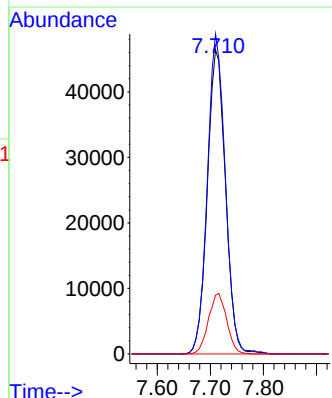
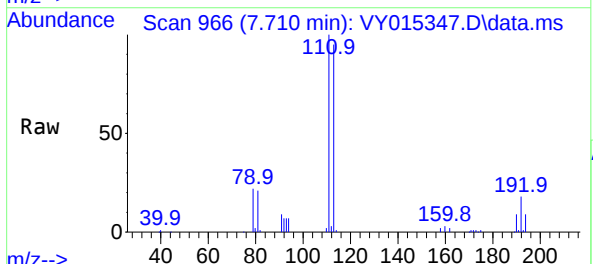
Instrument :
MSVOA_Y
ClientSampleId :
SB-05(46-47)

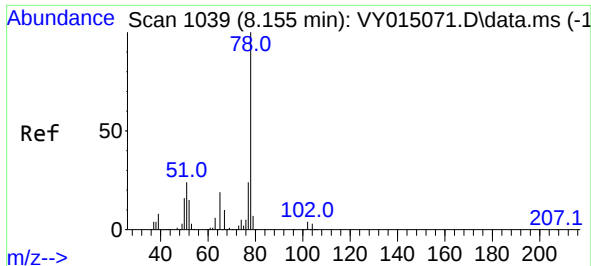
Tgt Ion:	114	Resp:	353391
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.4
88	15.2	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.680 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion:	113	Resp:	110673
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	19.9	16.9	25.3

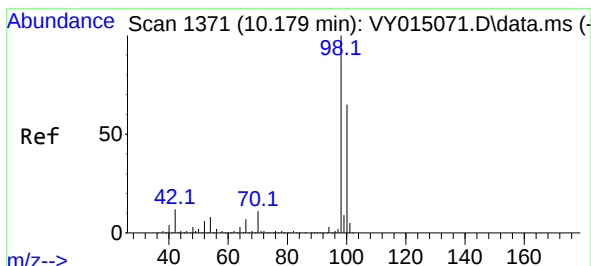
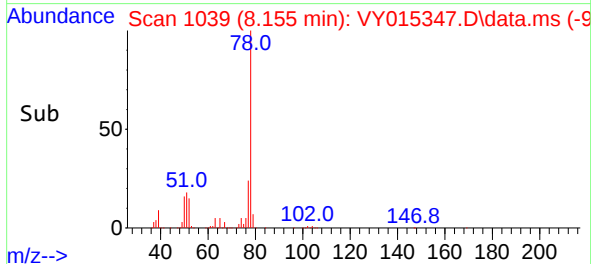
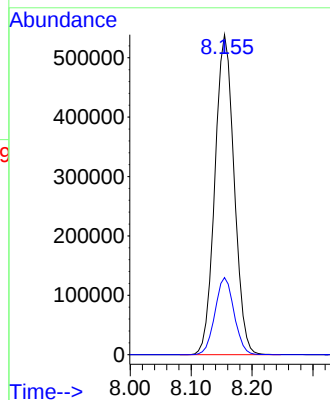
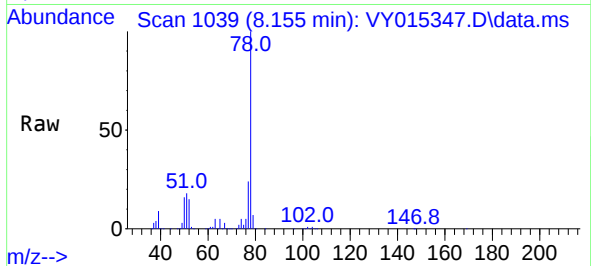




#40
Benzene
Concen: 155.546 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

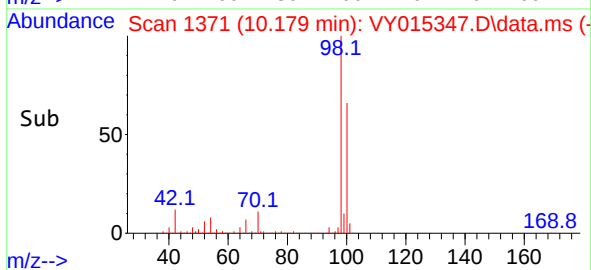
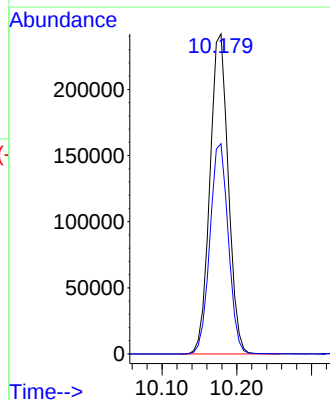
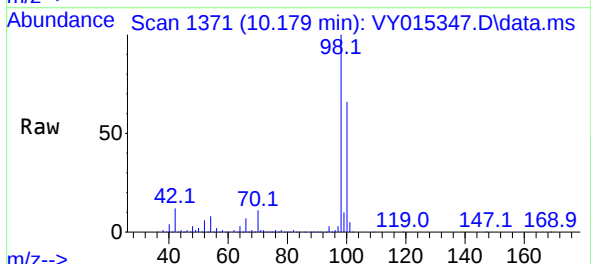
Instrument :
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ClientSampleId :
SB-05(46-47)

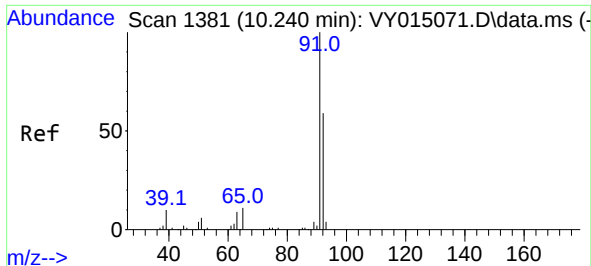
Tgt Ion: 78 Resp: 1182821
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#50
Toluene-d8
Concen: 48.793 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion: 98 Resp: 412944
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

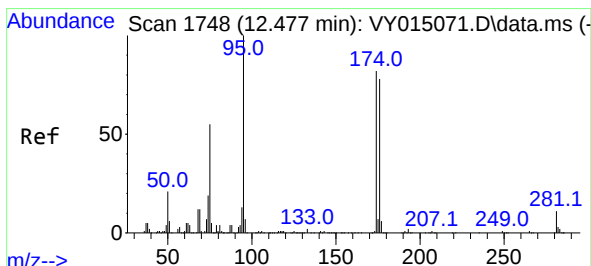
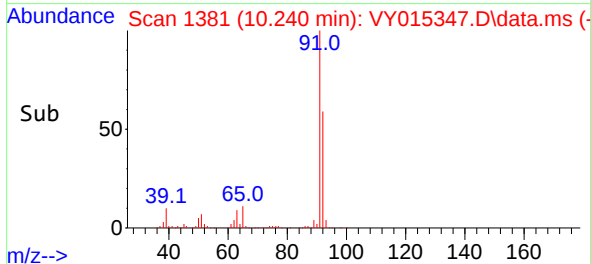
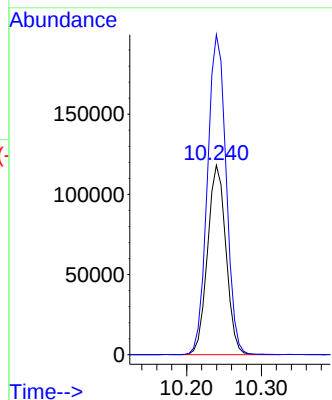
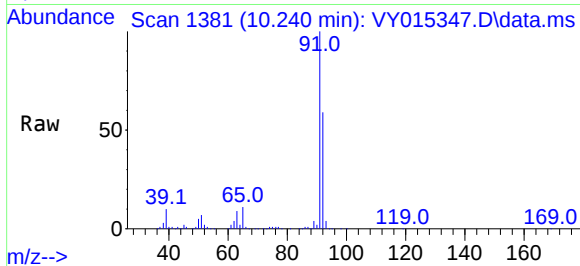




#52
Toluene
Concen: 40.333 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

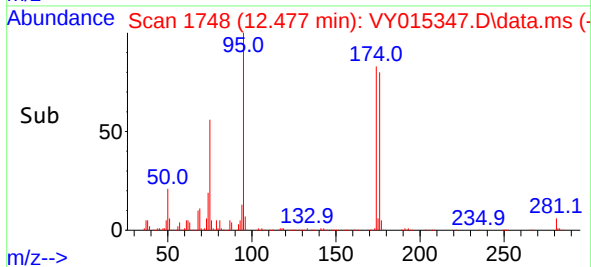
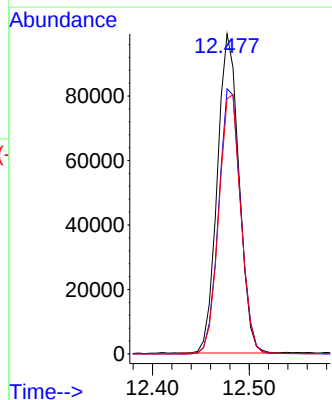
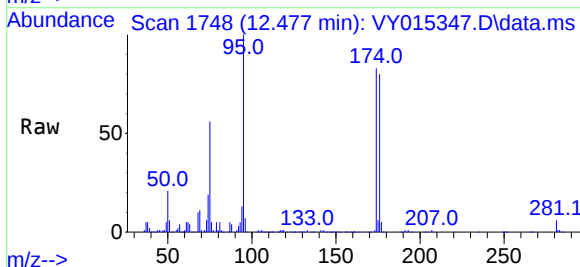
Instrument :
MSVOA_Y
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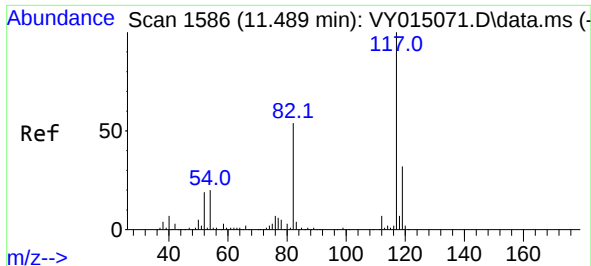
Tgt Ion: 92 Resp: 202153
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 49.794 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion: 95 Resp: 153923
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 82.5 0.0 173.8

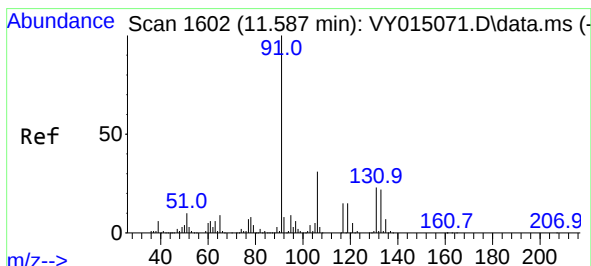
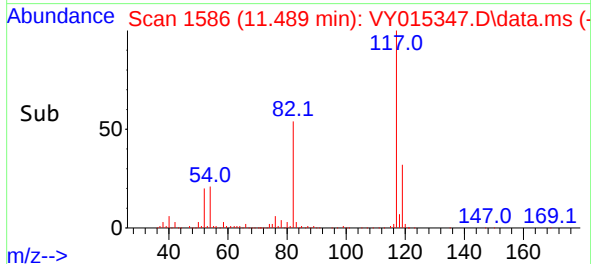
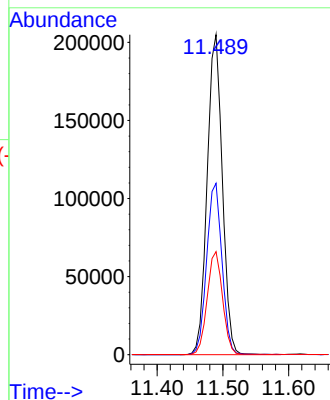
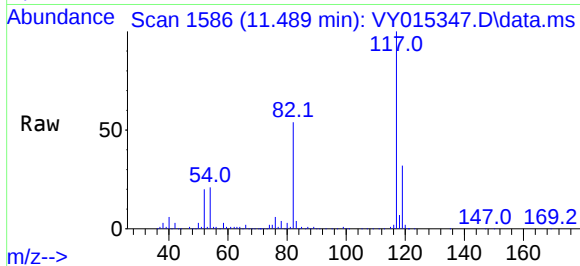




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

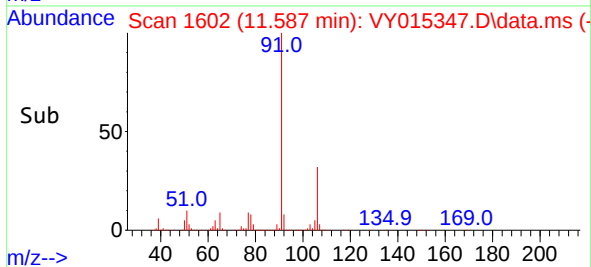
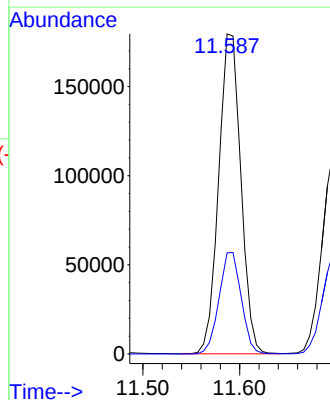
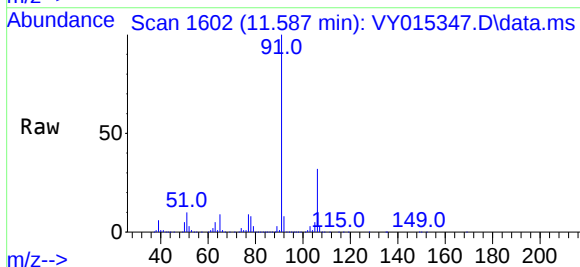
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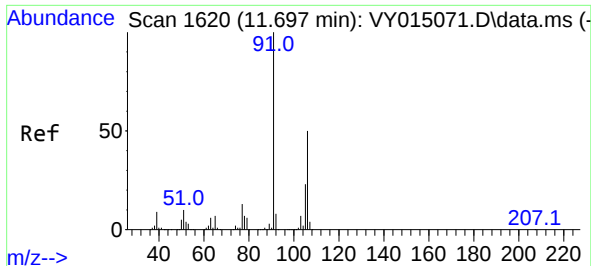
Tgt Ion:117 Resp: 328871
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.2 26.3 39.5



#67
Ethyl Benzene
Concen: 27.185 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion: 91 Resp: 285409
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

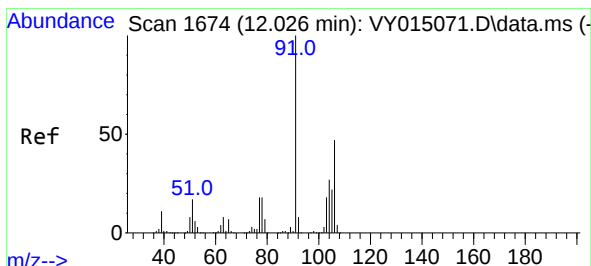
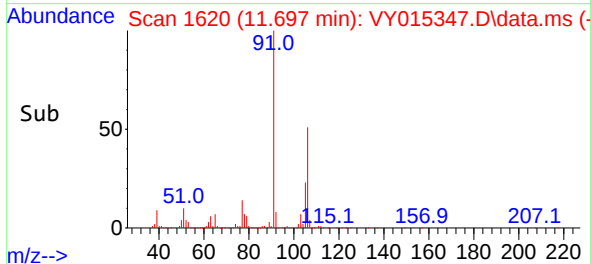
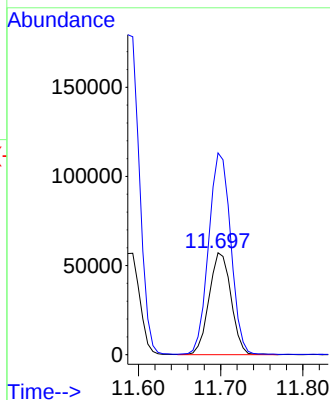
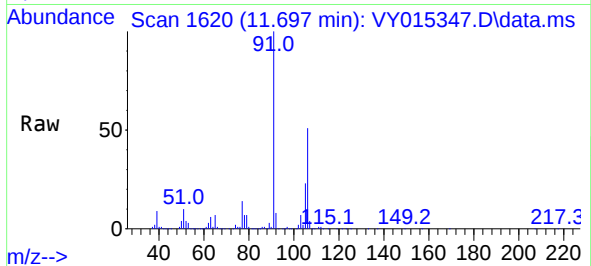




#68
m/p-Xylenes
Concen: 26.564 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

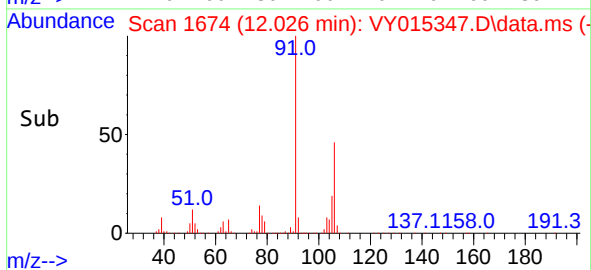
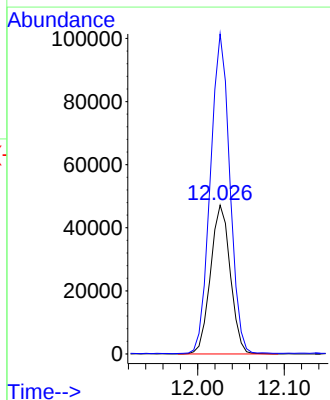
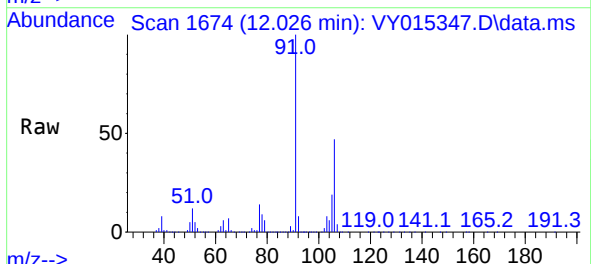
Instrument :
MSVOA_Y
ClientSampleId :
SB-05(46-47)

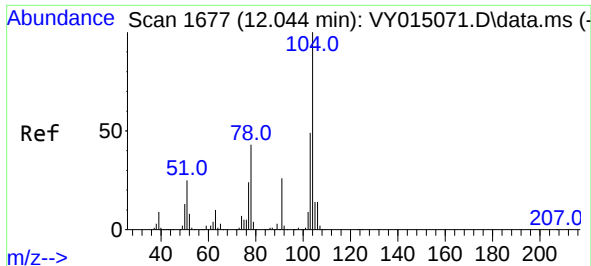
Tgt Ion:106 Resp: 105921
Ion Ratio Lower Upper
106 100
91 198.8 166.1 249.1



#69
o-Xylene
Concen: 18.822 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion:106 Resp: 74766
Ion Ratio Lower Upper
106 100
91 211.8 108.1 324.3

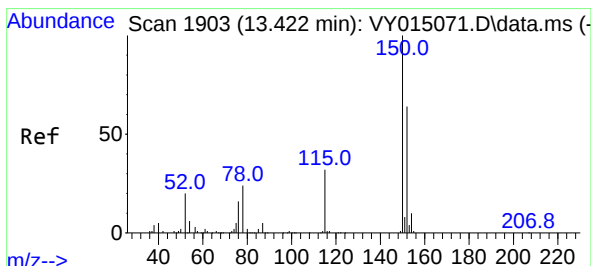
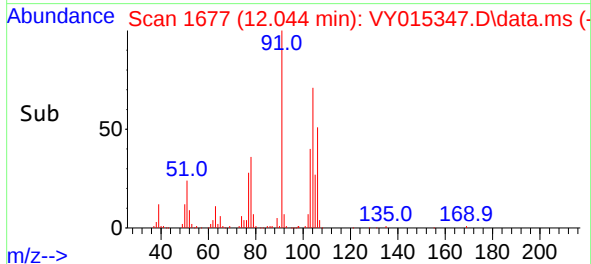
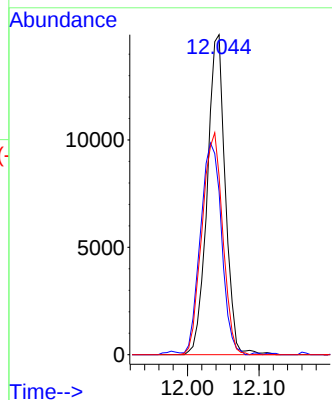
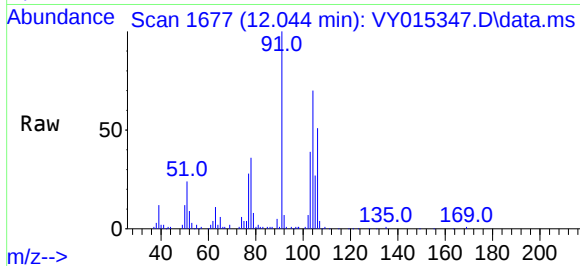




#70
Styrene
Concen: 3.794 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

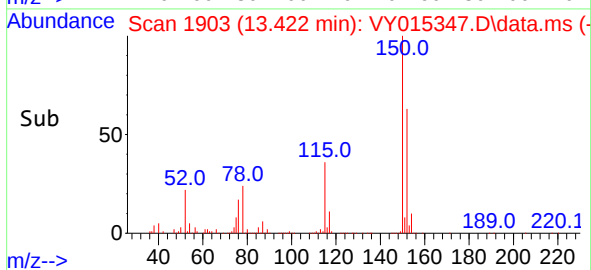
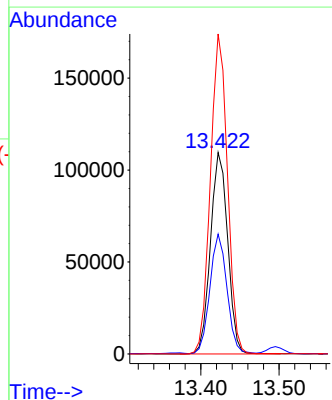
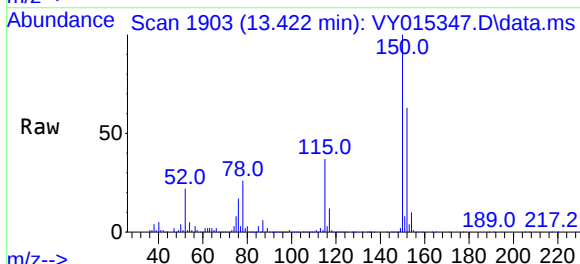
Instrument :
MSVOA_Y
ClientSampleId :
SB-05(46-47)

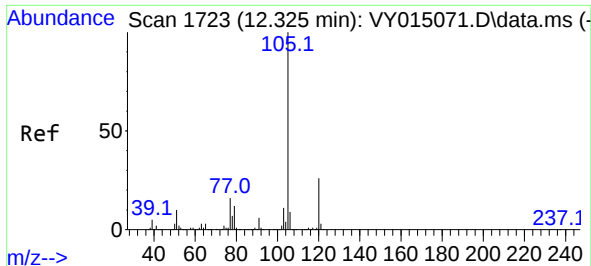
Tgt Ion:104 Resp: 26087
Ion Ratio Lower Upper
104 100
78 77.7 41.5 62.3#
103 79.6 44.6 67.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion:152 Resp: 167202
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 157.3 0.0 348.8

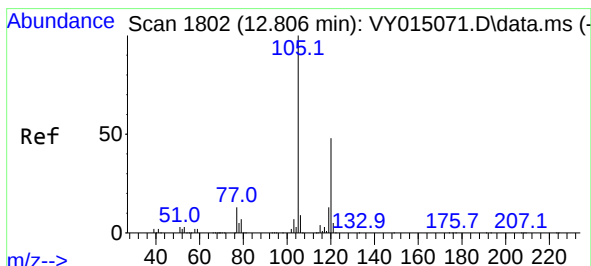
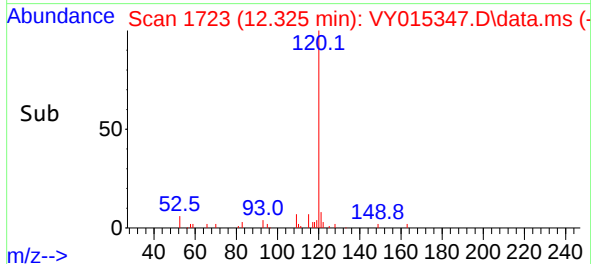
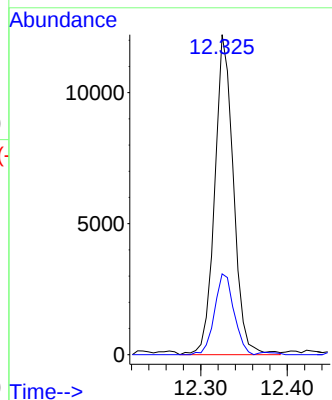
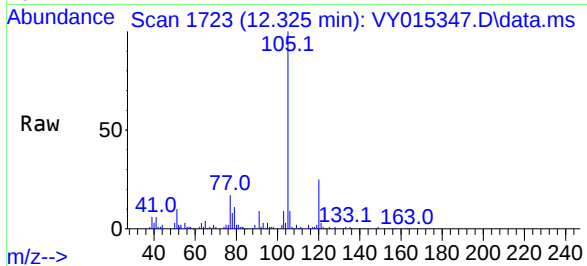




#73
Isopropylbenzene
Concen: 1.704 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

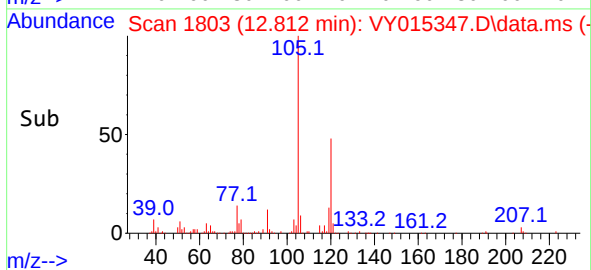
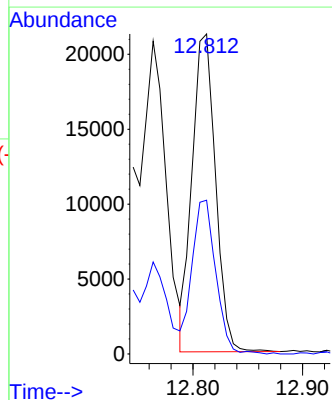
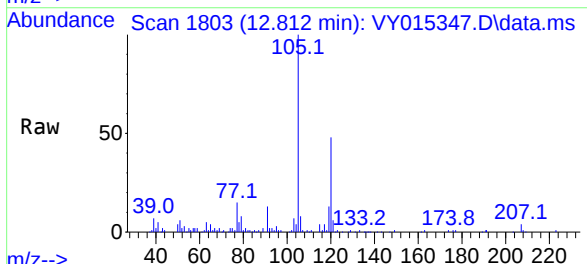
Instrument :
MSVOA_Y
ClientSampleId :
SB-05(46-47)

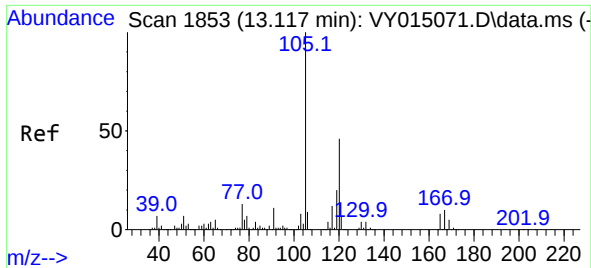
Tgt Ion:105 Resp: 18325
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9



#80
1,3,5-Trimethylbenzene
Concen: 3.511 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015347.D
Acq: 25 Aug 2023 17:03

Tgt Ion:105 Resp: 31470
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





#84
 1,2,4-Trimethylbenzene
 Concen: 8.518 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015347.D
 Acq: 25 Aug 2023 17:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05(46-47)

Tgt Ion:105 Resp: 76283
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.2 66.6

