

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016704.D
 Acq On : 19 Dec 2023 19:40
 Operator : SY/MD
 Sample : 05796-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-05-10.25-11.25

Quant Time: Dec 20 06:38:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

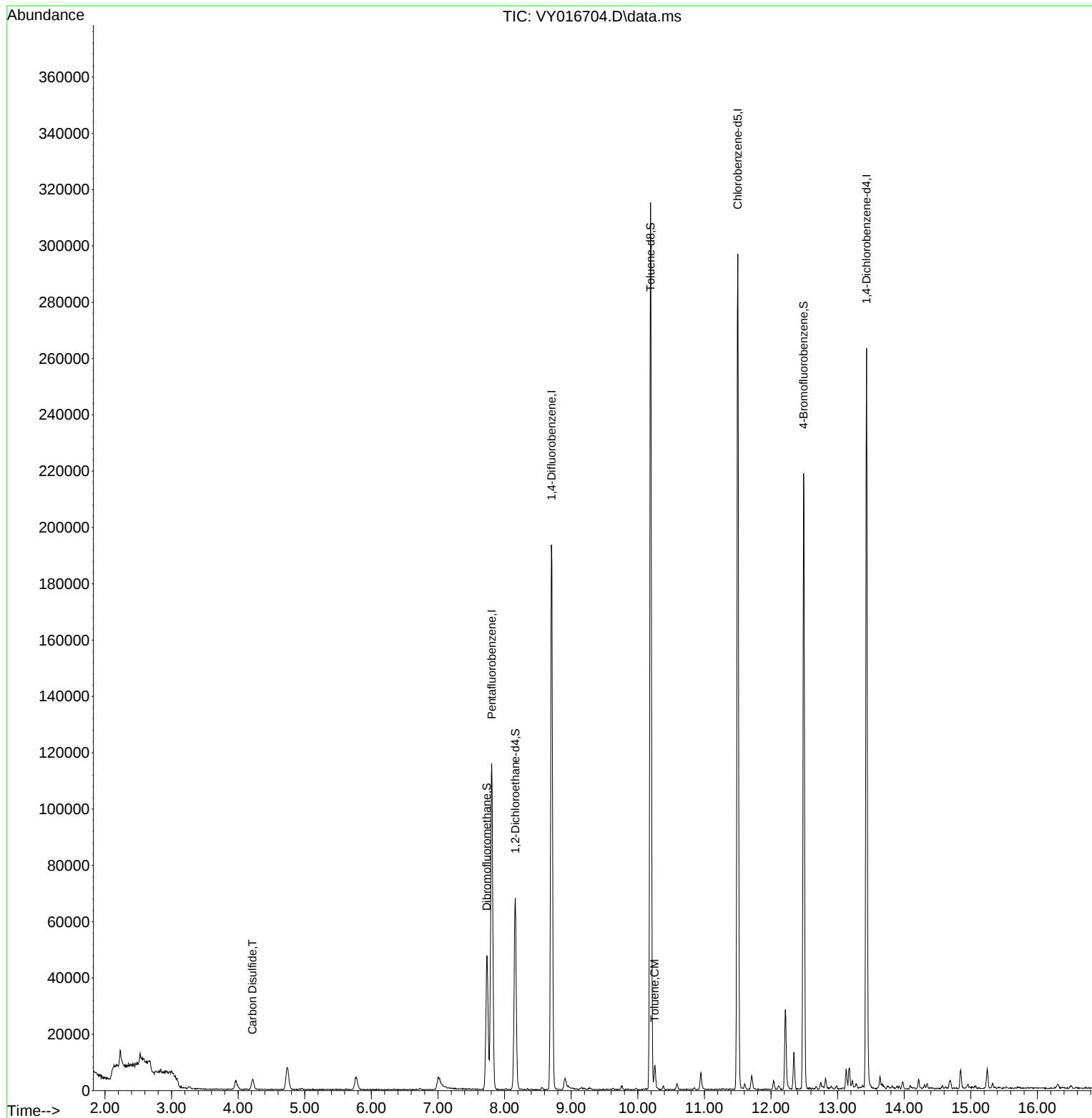
Internal Standards						
1) Pentafluorobenzene	7.807	168	93782	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	168654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	160851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52113	67.181	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.360%	
35) Dibromofluoromethane	7.734	113	32842	33.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 66.120%	
50) Toluene-d8	10.191	98	204743	56.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.820%	
62) 4-Bromofluorobenzene	12.489	95	58222	56.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.840%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.216	76	6734	3.221	ug/l	# 94
52) Toluene	10.252	92	3468	1.313	ug/l	93

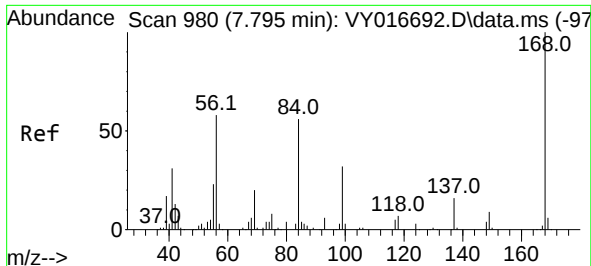
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
Data File : VY016704.D
Acq On : 19 Dec 2023 19:40
Operator : SY/MD
Sample : 05796-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-05-10.25-11.25

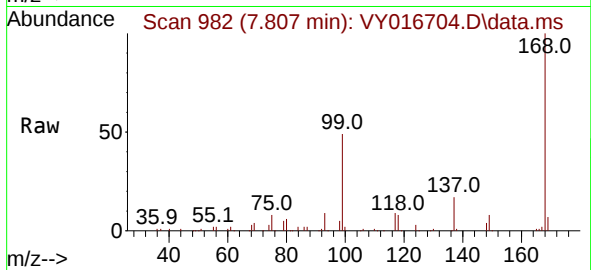
Quant Time: Dec 20 06:38:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 20 05:26:40 2023
Response via : Initial Calibration



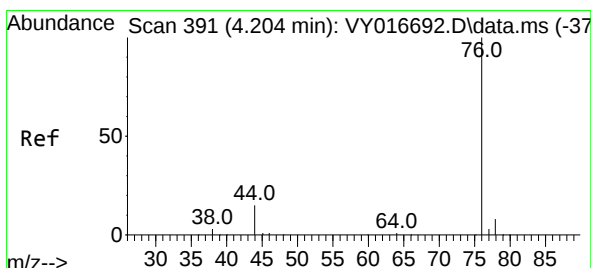
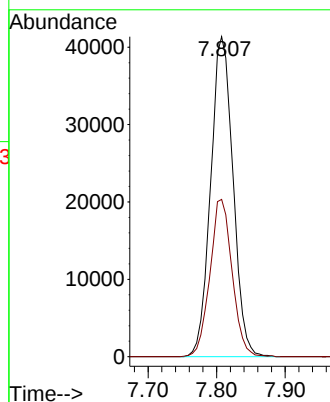
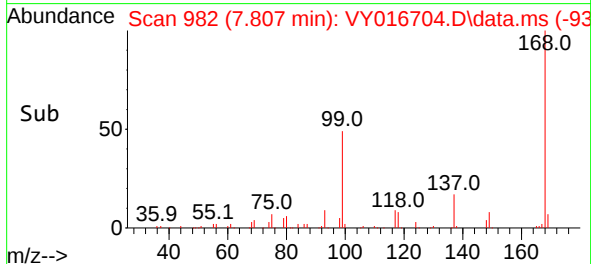


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016704.D
Acq: 19 Dec 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-05-10.25-11.25

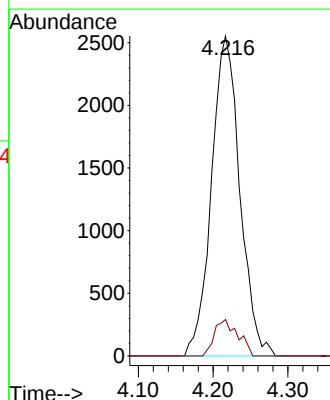
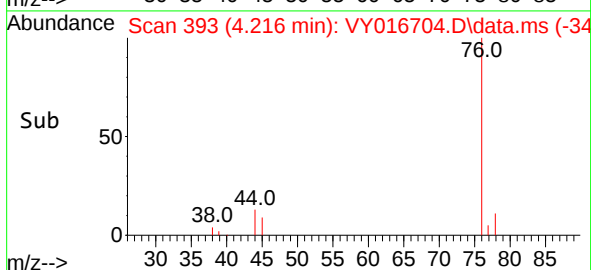
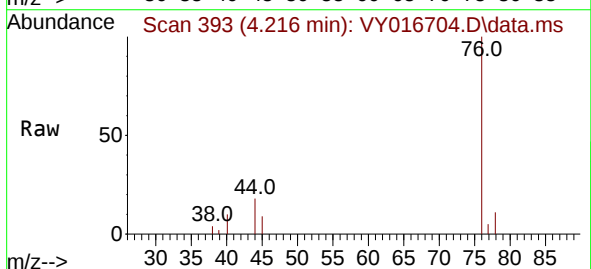


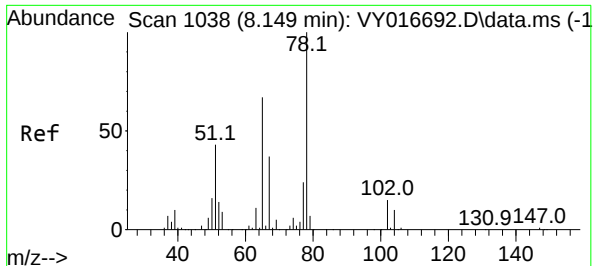
Tgt Ion:168 Resp: 93782
Ion Ratio Lower Upper
168 100
99 49.1 40.2 60.4



#17
Carbon Disulfide
Concen: 3.221 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.012 min
Lab File: VY016704.D
Acq: 19 Dec 2023 19:40

Tgt Ion: 76 Resp: 6734
Ion Ratio Lower Upper
76 100
78 11.4 7.3 10.9#





#33

1,2-Dichloroethane-d4

Concen: 67.181 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016704.D

Acq: 19 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

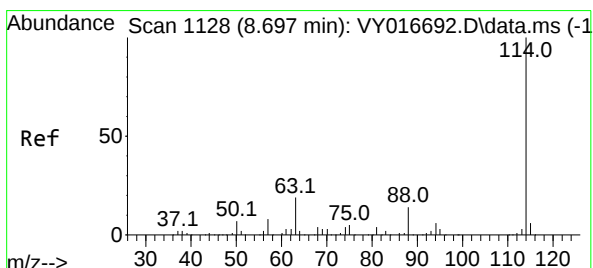
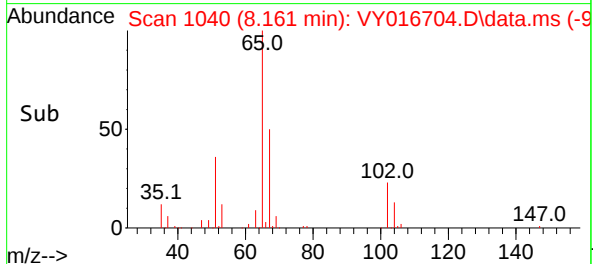
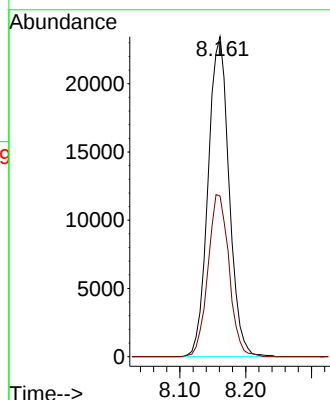
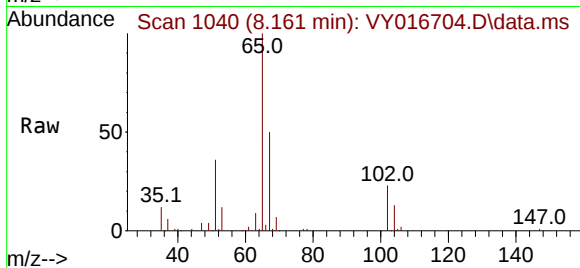
RT-SB-05-10.25-11.25

Tgt Ion: 65 Resp: 52113

Ion Ratio Lower Upper

65 100

67 50.9 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016704.D

Acq: 19 Dec 2023 19:40

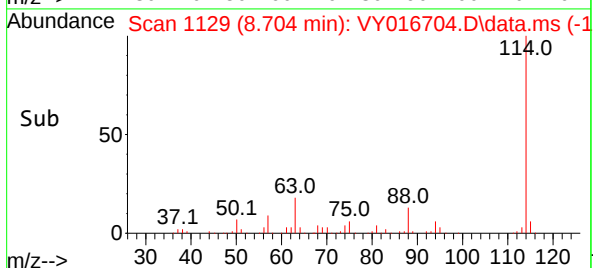
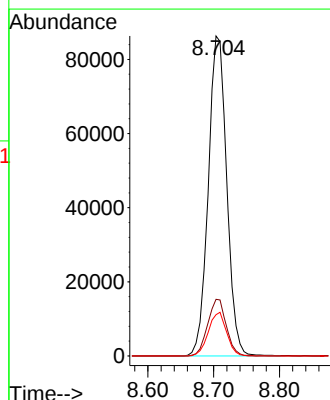
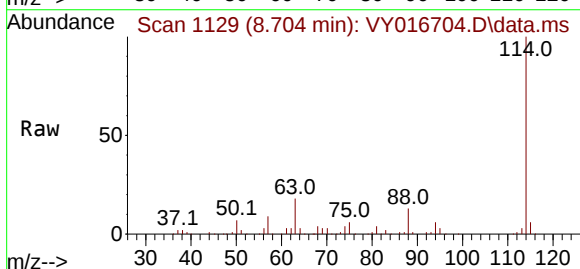
Tgt Ion: 114 Resp: 168654

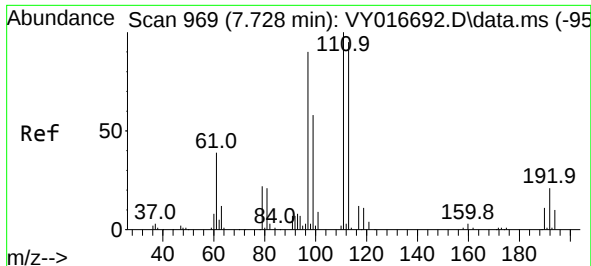
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

88 12.9 0.0 29.2



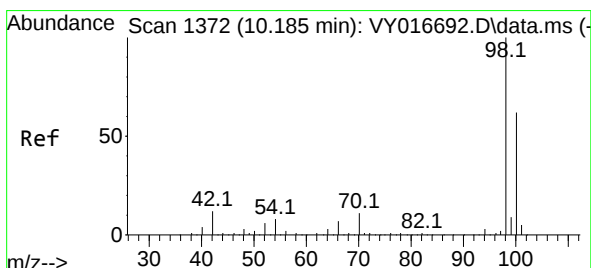
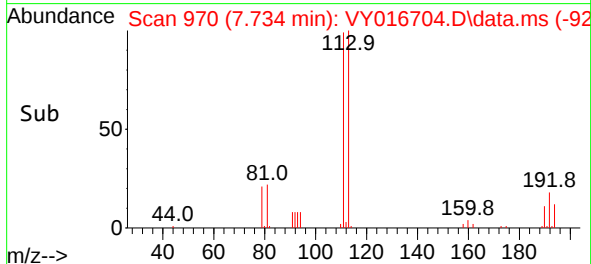
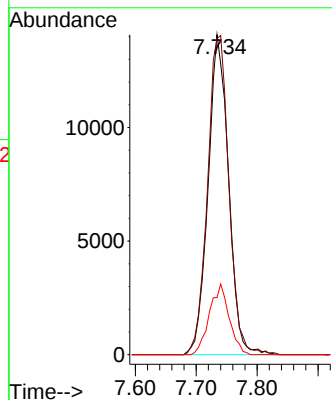
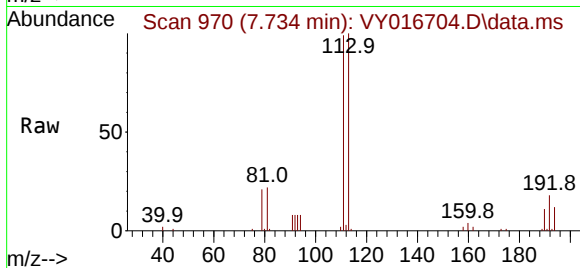


#35
Dibromofluoromethane
Concen: 33.063 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016704.D
Acq: 19 Dec 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-05-10.25-11.25

Tgt Ion:113 Resp: 32842

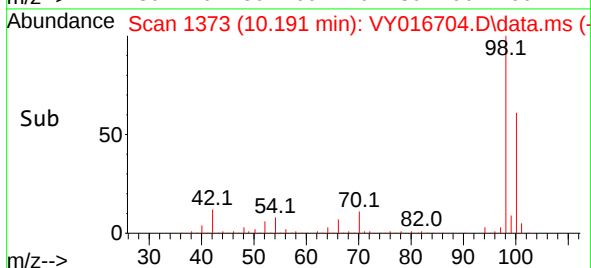
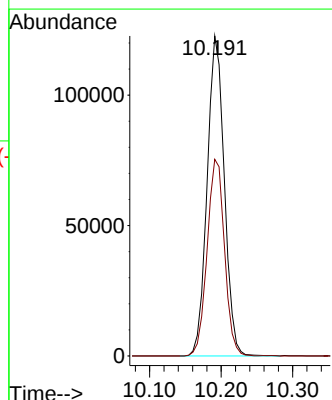
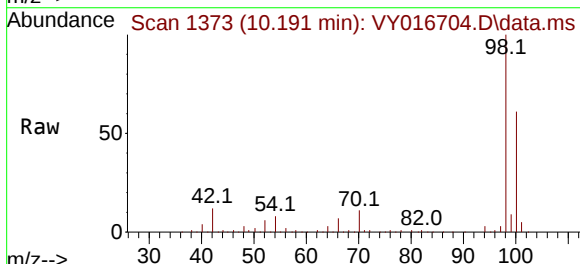
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.9	122.9
192	21.3	16.2	24.4

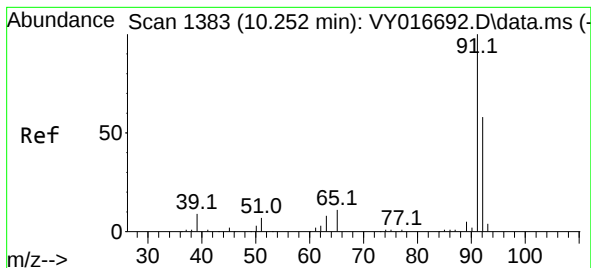


#50
Toluene-d8
Concen: 56.915 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY016704.D
Acq: 19 Dec 2023 19:40

Tgt Ion: 98 Resp: 204743

Ion	Ratio	Lower	Upper
98	100		
100	62.2	52.5	78.7





#52

Toluene

Concen: 1.313 ug/l

RT: 10.252 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016704.D

Acq: 19 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

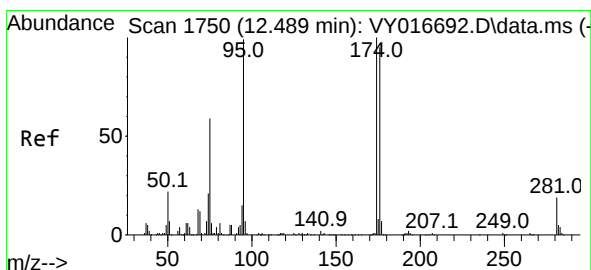
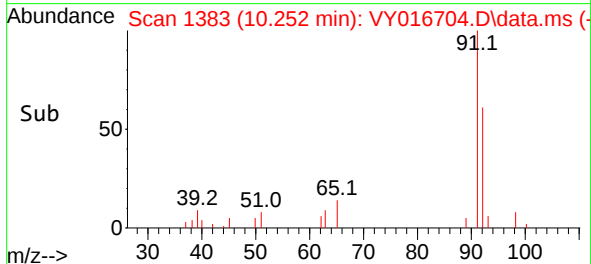
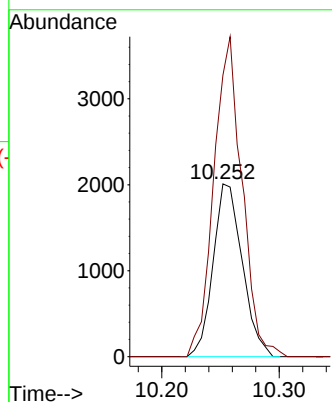
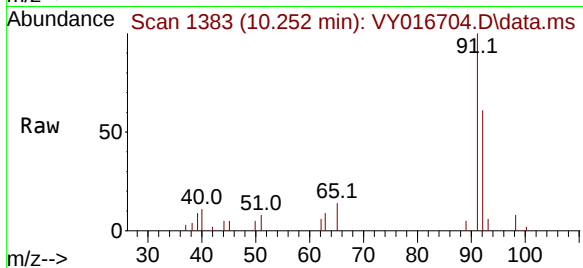
RT-SB-05-10.25-11.25

Tgt Ion: 92 Resp: 3468

Ion Ratio Lower Upper

92 100

91 179.4 136.3 204.5



#62

4-Bromofluorobenzene

Concen: 56.922 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016704.D

Acq: 19 Dec 2023 19:40

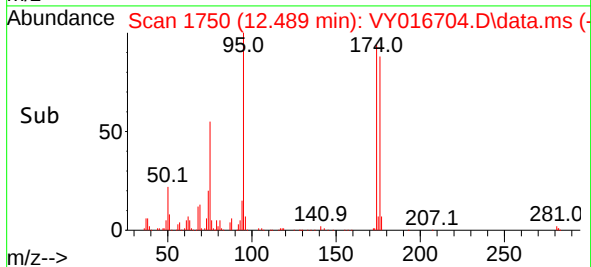
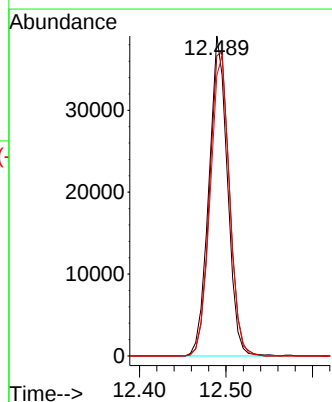
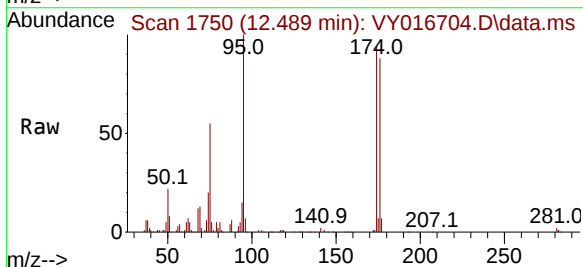
Tgt Ion: 95 Resp: 58222

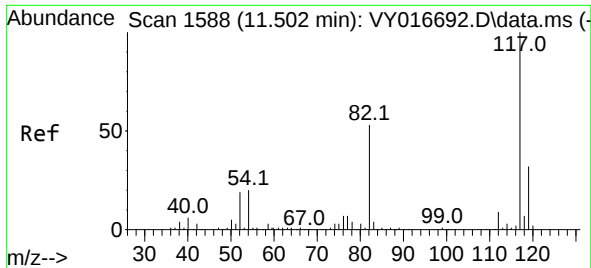
Ion Ratio Lower Upper

95 100

174 101.7 0.0 181.0

176 97.2 0.0 176.6

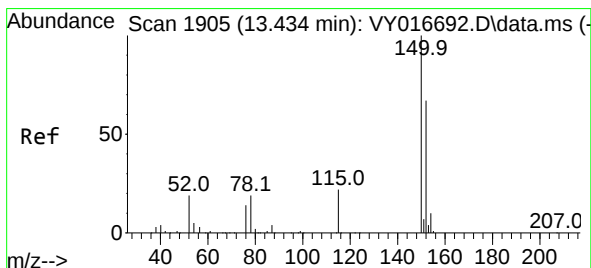
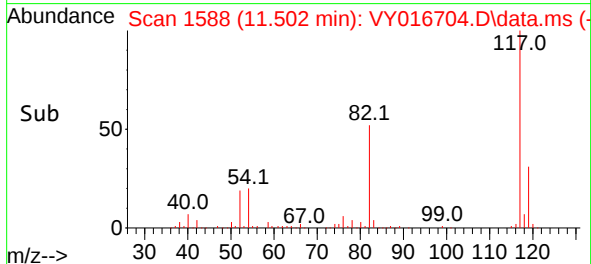
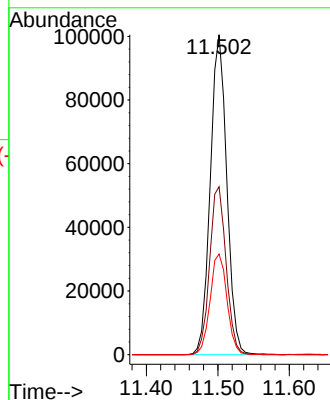
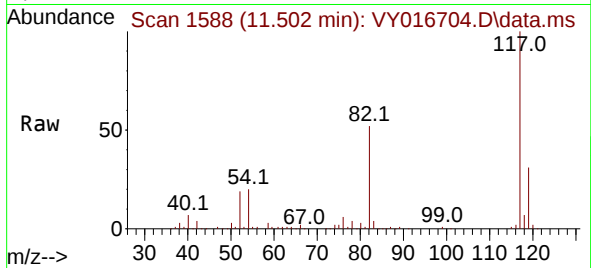




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016704.D
Acq: 19 Dec 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-05-10.25-11.25

Tgt Ion:117 Resp: 160851
Ion Ratio Lower Upper
117 100
82 52.5 41.0 61.6
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016704.D
Acq: 19 Dec 2023 19:40

Tgt Ion:152 Resp: 67523
Ion Ratio Lower Upper
152 100
115 53.5 28.2 84.7
150 154.3 0.0 350.6

