

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016810.D
 Acq On : 22 Dec 2023 16:00
 Operator : SY/MD
 Sample : 05877-11
 Misc : 3.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM45

Quant Time: Dec 22 23:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

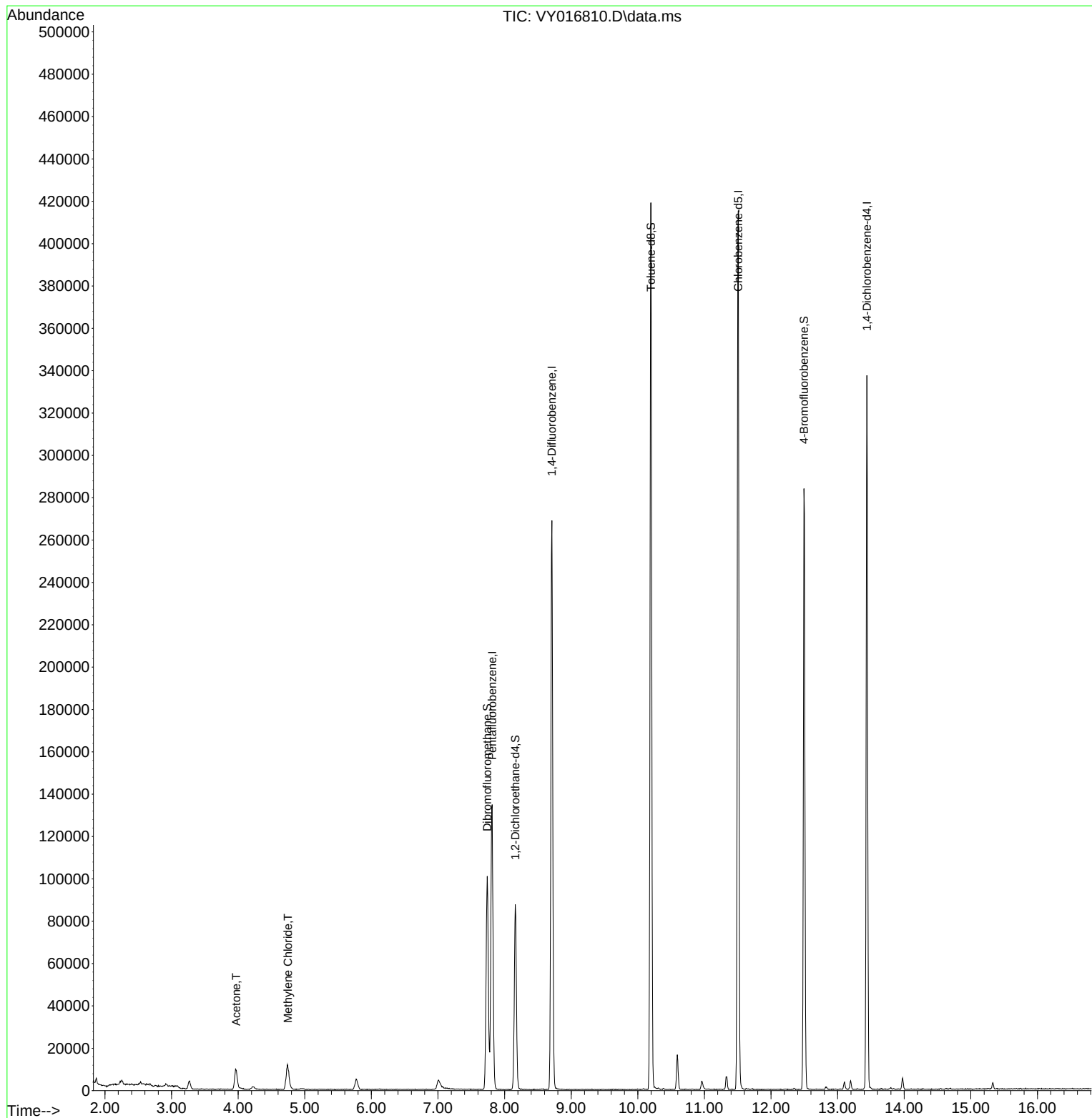
Internal Standards						
1) Pentafluorobenzene	7.813	168	101958	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	227327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	229708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	66054	70.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.940%	
35) Dibromofluoromethane	7.740	113	72095	55.365	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.197	98	270368	57.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.200%	
62) 4-Bromofluorobenzene	12.495	95	83911	55.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	17447	69.319	ug/l	95
20) Methylene Chloride	4.747	84	8516	3.834	ug/l	95

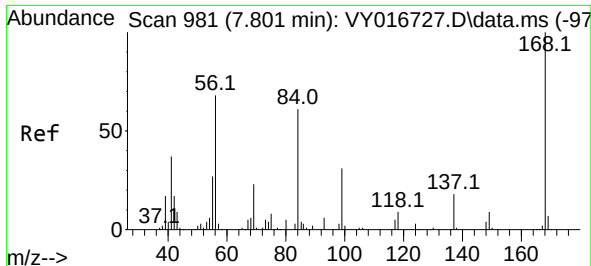
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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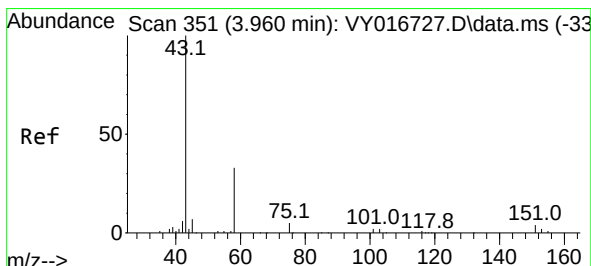
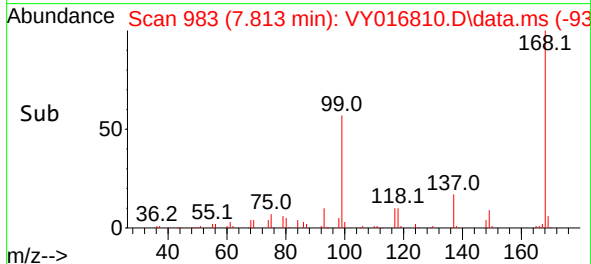
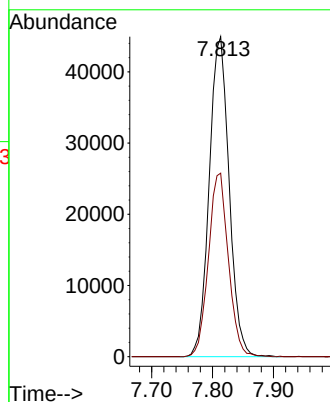
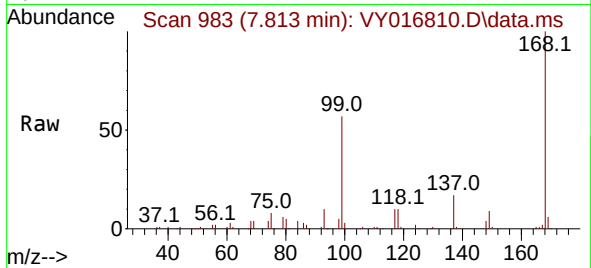




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016810.D
Acq: 22 Dec 2023 16:00

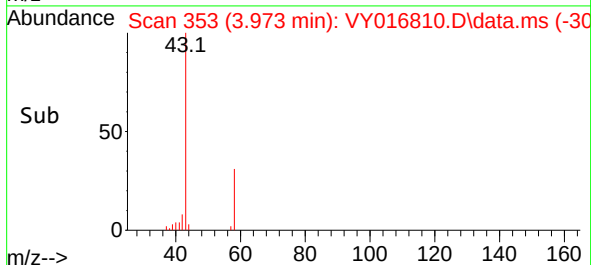
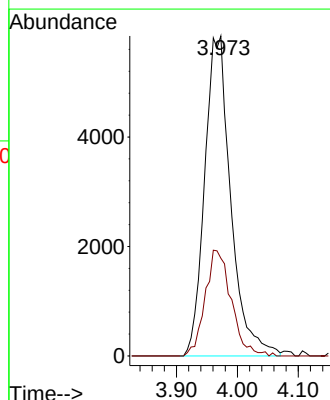
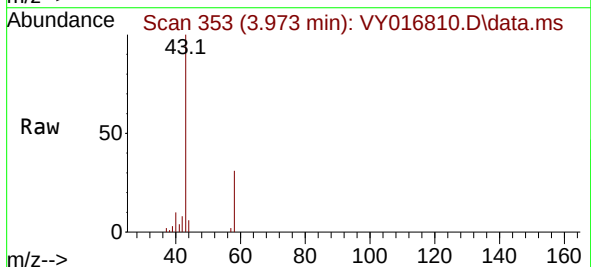
Instrument :
MSVOA_Y
ClientSampleId :
COM45

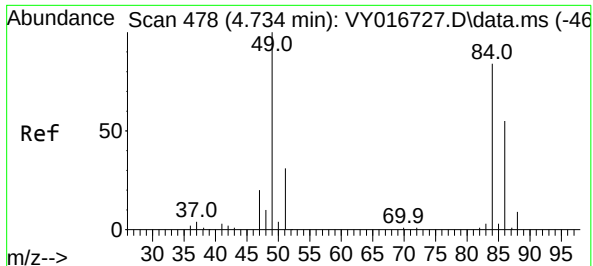
Tgt Ion:168 Resp: 101958
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#16
Acetone
Concen: 69.319 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016810.D
Acq: 22 Dec 2023 16:00

Tgt Ion: 43 Resp: 17447
Ion Ratio Lower Upper
43 100
58 30.6 26.6 39.8

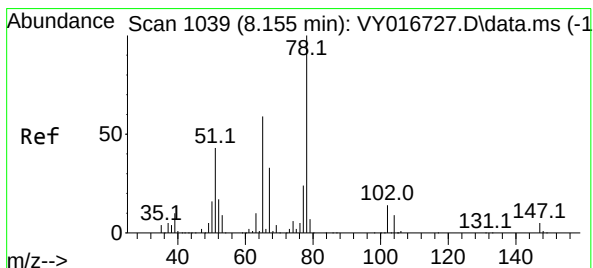
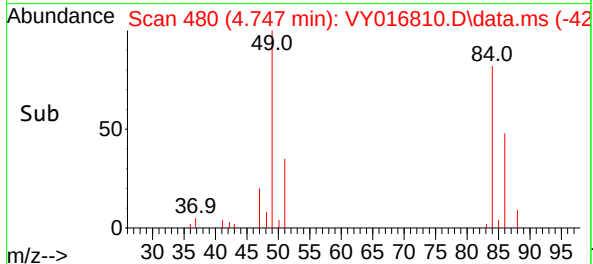
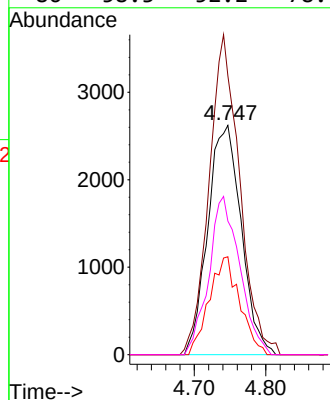
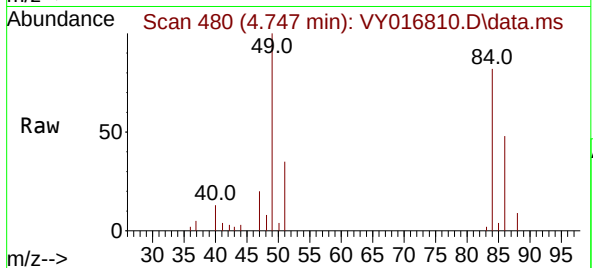




#20
Methylene Chloride
Concen: 3.834 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY016810.D
Acq: 22 Dec 2023 16:00

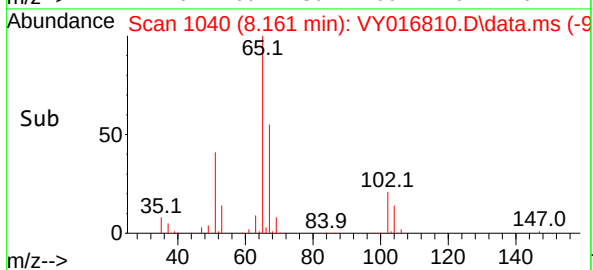
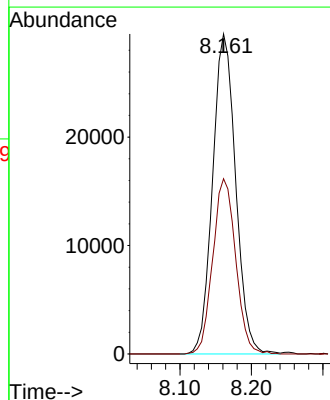
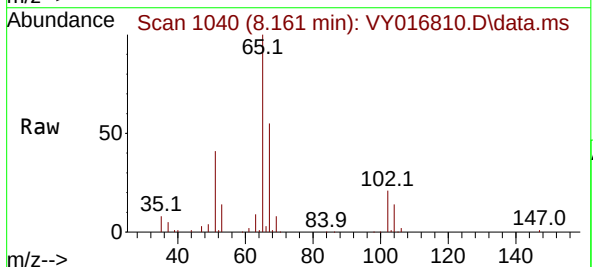
Instrument :
MSVOA_Y
ClientSampleId :
COM45

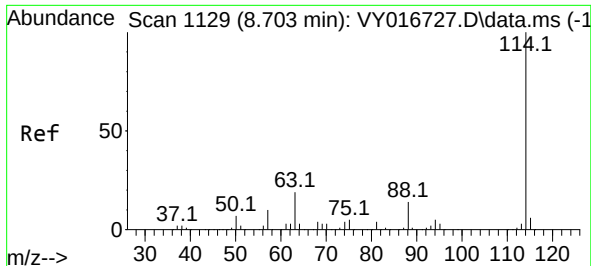
Tgt Ion: 84	Resp: 8516
Ion Ratio	Lower Upper
84 100	
49 121.6	95.2 142.8
51 42.7	29.9 44.9
86 58.3	52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 70.967 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016810.D
Acq: 22 Dec 2023 16:00

Tgt Ion: 65	Resp: 66054
Ion Ratio	Lower Upper
65 100	
67 54.4	0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016810.D

Acq: 22 Dec 2023 16:00

Instrument :

MSVOA_Y

ClientSampleId :

COM45

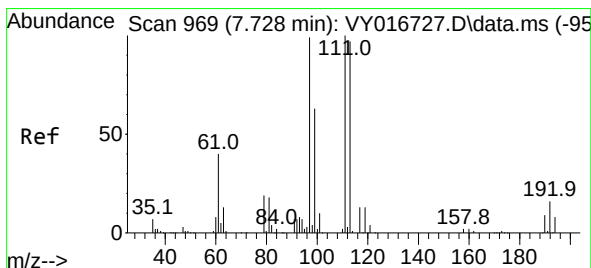
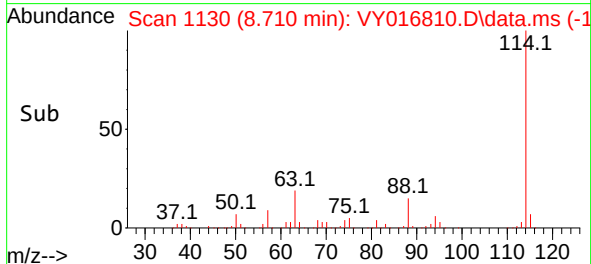
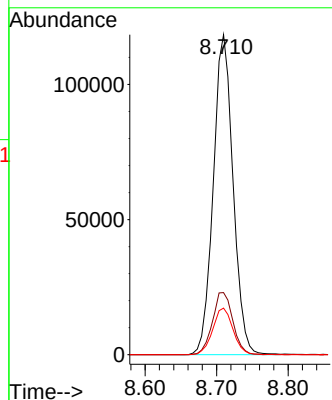
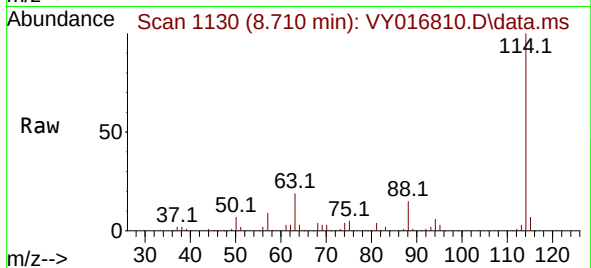
Tgt Ion:114 Resp: 227327

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.365 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016810.D

Acq: 22 Dec 2023 16:00

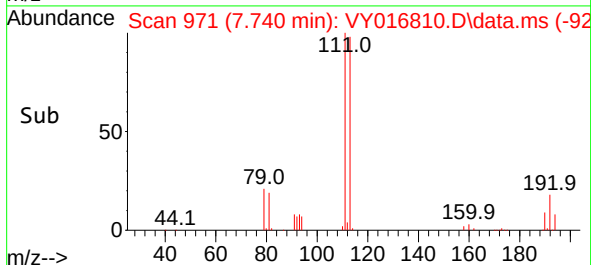
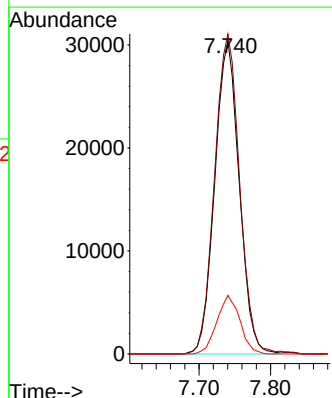
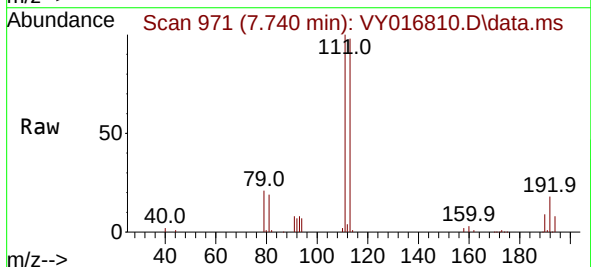
Tgt Ion:113 Resp: 72095

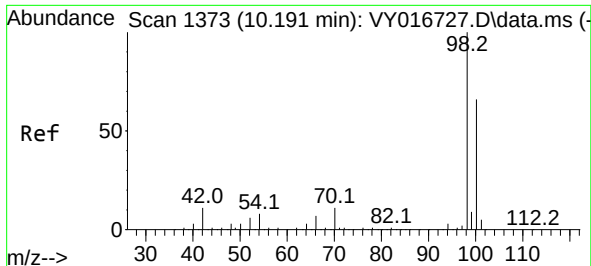
Ion Ratio Lower Upper

113 100

111 104.7 83.8 125.6

192 17.7 14.5 21.7

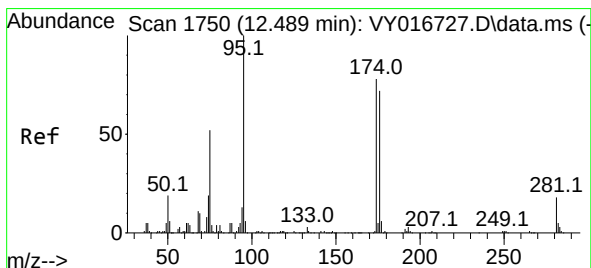
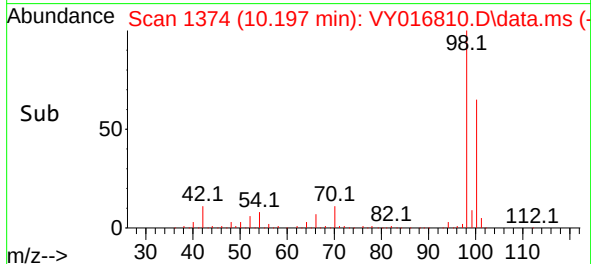
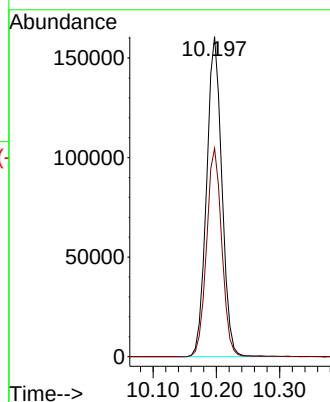
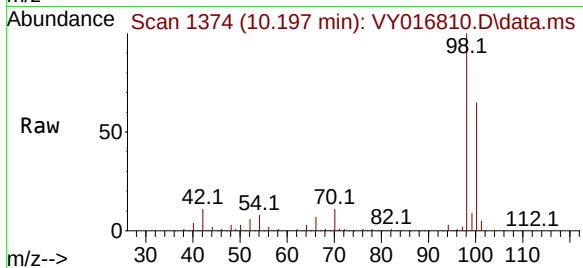




#50
Toluene-d8
Concen: 57.596 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016810.D
Acq: 22 Dec 2023 16:00

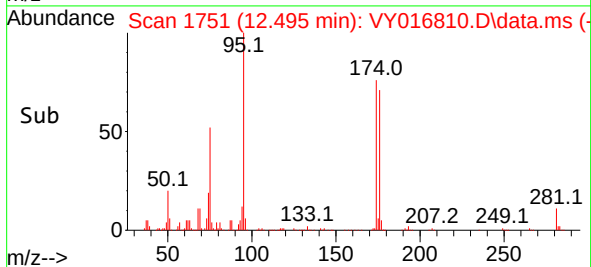
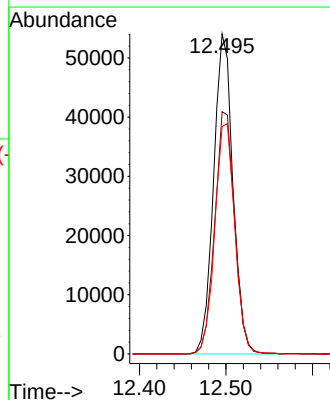
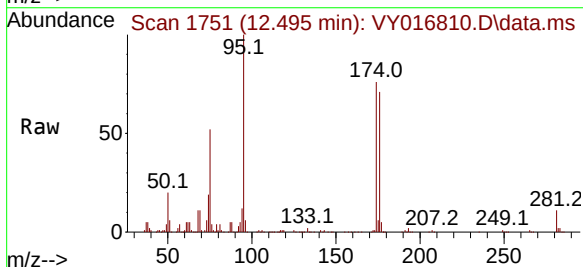
Instrument :
MSVOA_Y
ClientSampleId :
COM45

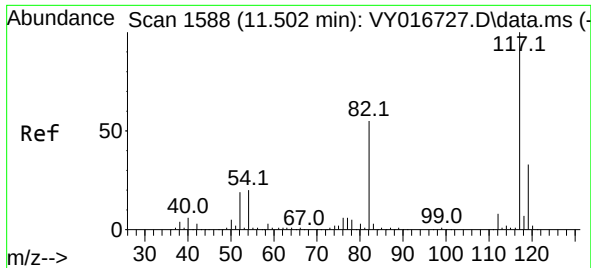
Tgt Ion: 98 Resp: 270368
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 55.098 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016810.D
Acq: 22 Dec 2023 16:00

Tgt Ion: 95 Resp: 83911
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.0
176 74.6 0.0 151.8

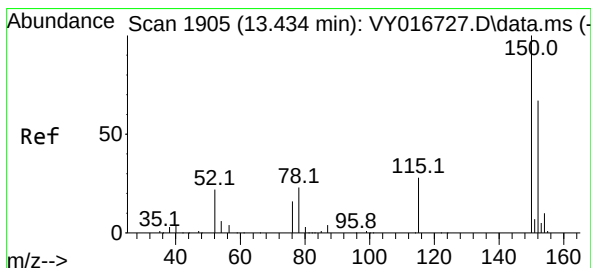
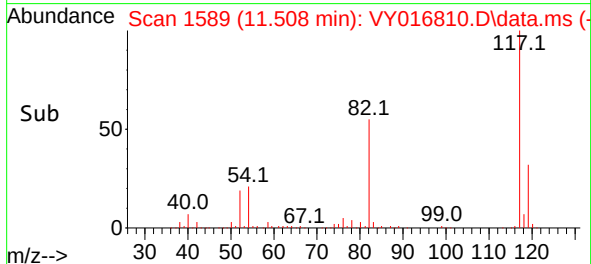
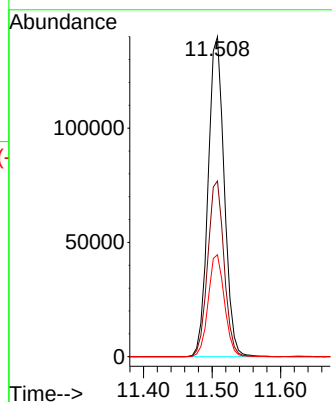
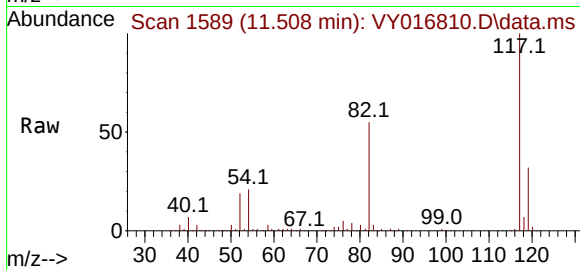




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY016810.D
Acq: 22 Dec 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
COM45

Tgt Ion:117 Resp: 229708
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016810.D
Acq: 22 Dec 2023 16:00

Tgt Ion:152 Resp: 82002
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.0
150 160.7 0.0 344.6

