

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016748.D
 Acq On : 21 Dec 2023 08:18
 Operator : SY/MD
 Sample : 05876-17
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY2

Quant Time: Dec 21 14:20:11 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)

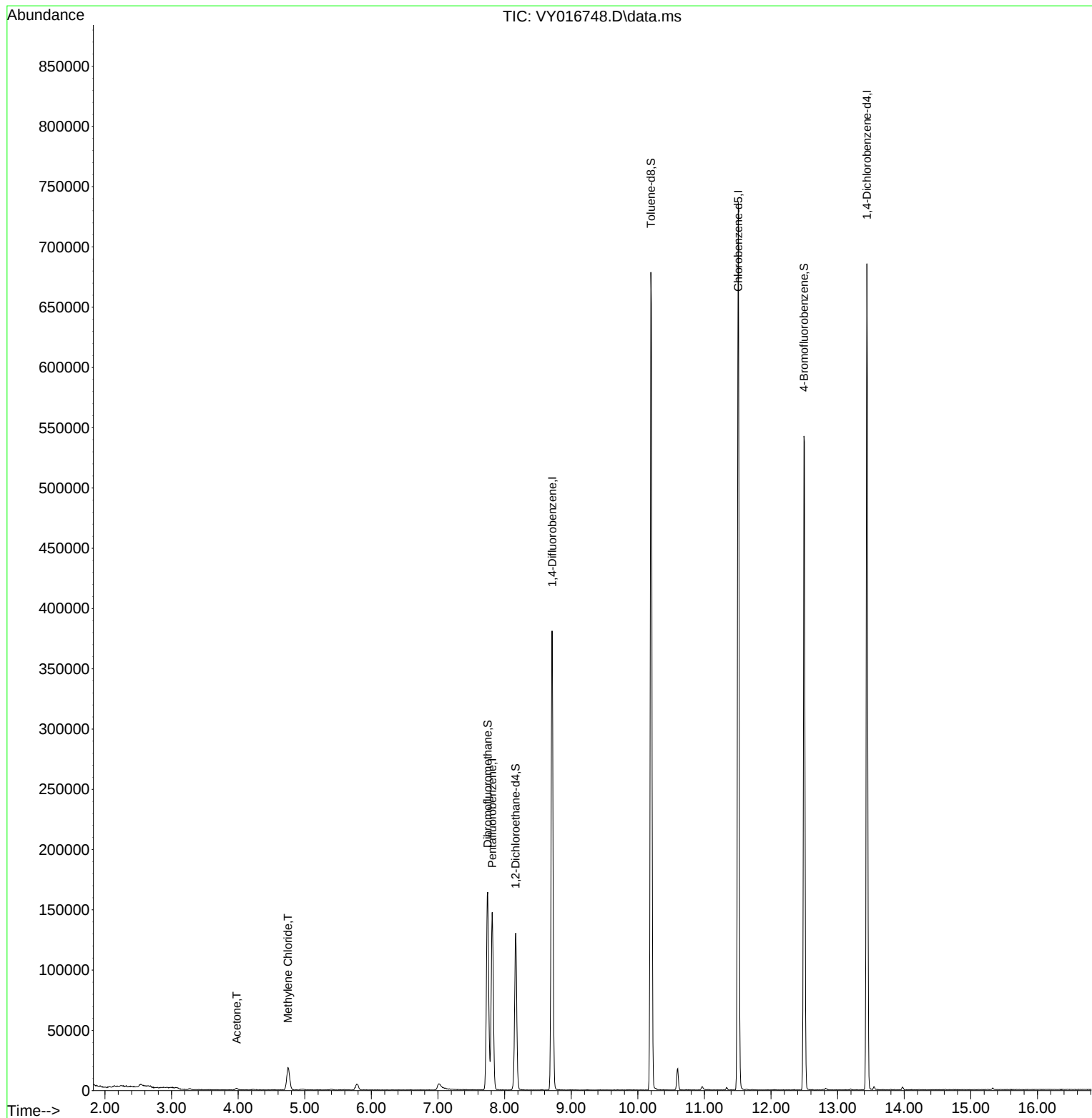
Internal Standards						
1) Pentafluorobenzene	7.813	168	110529	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	333774	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	385648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	167300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	97440	96.570	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.140%#	
35) Dibromofluoromethane	7.746	113	118691	62.079	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.160%	
50) Toluene-d8	10.197	98	446410	64.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.540%	
62) 4-Bromofluorobenzene	12.495	95	171977	76.910	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 153.820%#	
Target Compounds						
						Qvalue
16) Acetone	3.979	43	2539	9.306	ug/l	96
20) Methylene Chloride	4.747	84	14571	7.753	ug/l	96

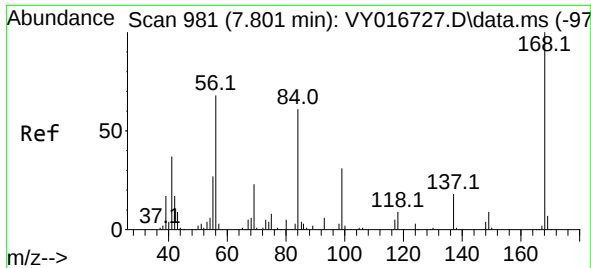
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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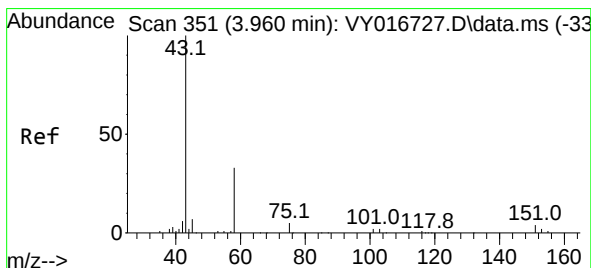
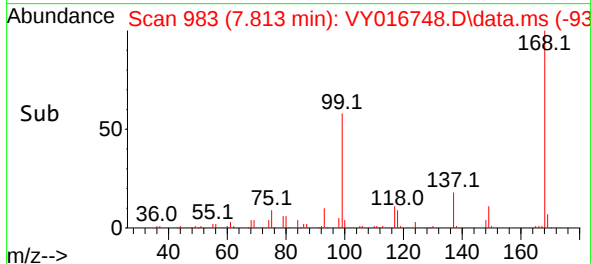
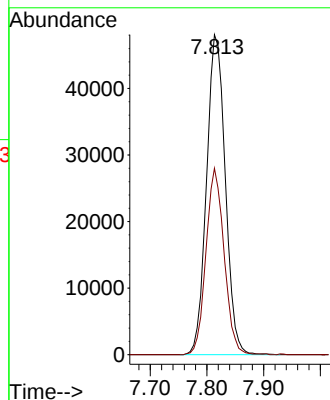
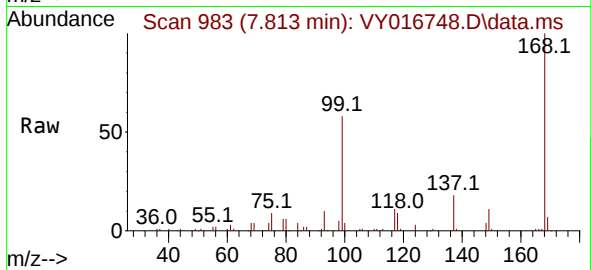




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016748.D
Acq: 21 Dec 2023 08:18

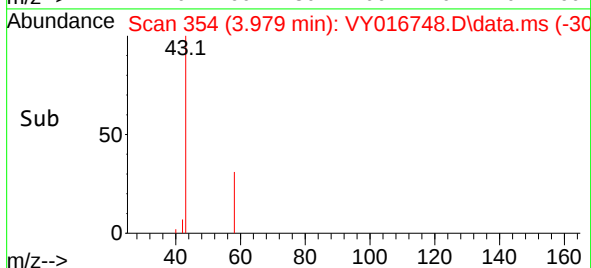
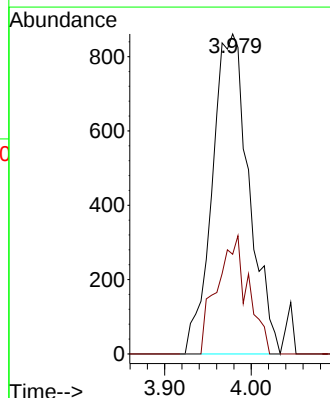
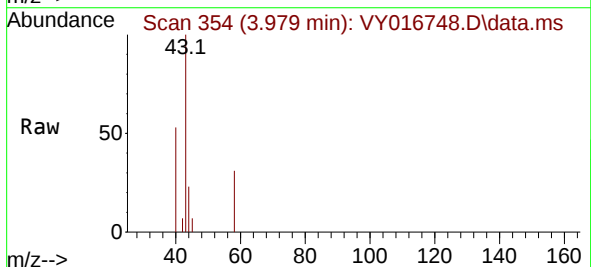
Instrument :
MSVOA_Y
ClientSampleId :
COLY2

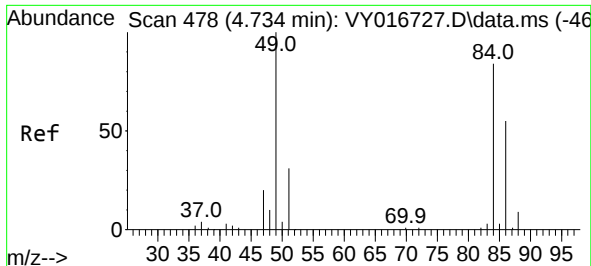
Tgt Ion:168 Resp: 110529
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#16
Acetone
Concen: 9.306 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016748.D
Acq: 21 Dec 2023 08:18

Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
58 31.1 26.6 39.8

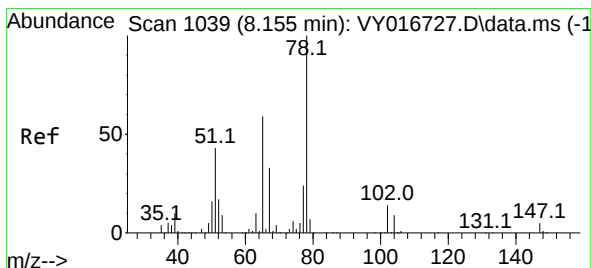
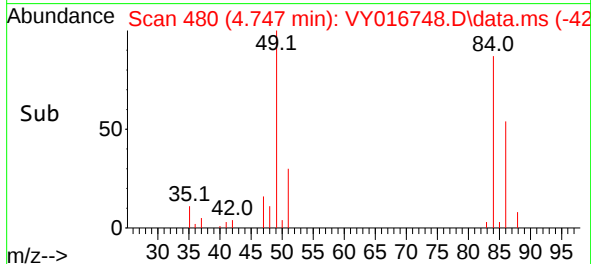
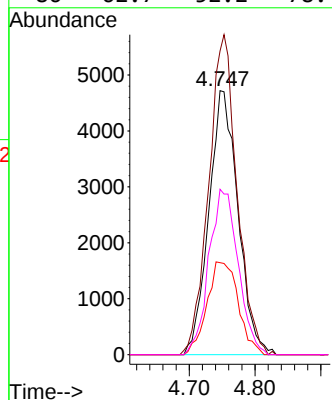
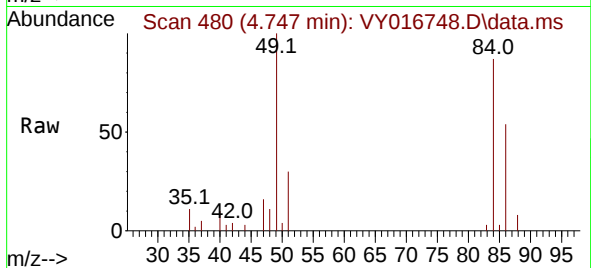




#20
Methylene Chloride
Concen: 7.753 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY016748.D
Acq: 21 Dec 2023 08:18

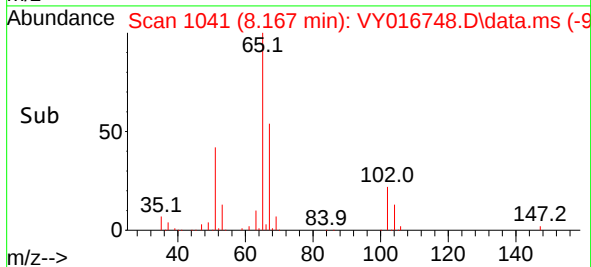
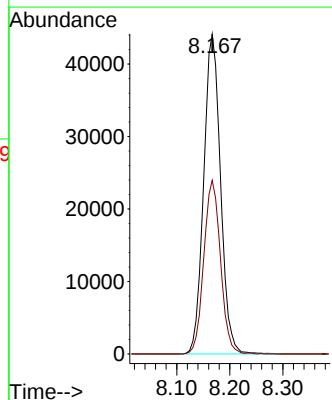
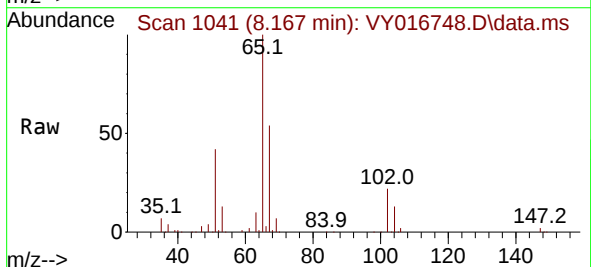
Instrument :
MSVOA_Y
ClientSampleId :
COLY2

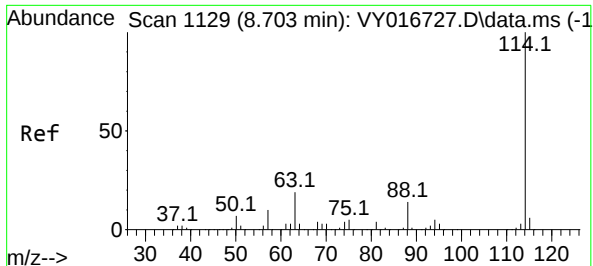
Tgt Ion:	84	Resp:	14571
Ion	Ratio	Lower	Upper
84	100		
49	115.0	95.2	142.8
51	34.9	29.9	44.9
86	62.7	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 96.570 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016748.D
Acq: 21 Dec 2023 08:18

Tgt Ion:	65	Resp:	97440
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY016748.D

Acq: 21 Dec 2023 08:18

Instrument :

MSVOA_Y

ClientSampleId :

C0LY2

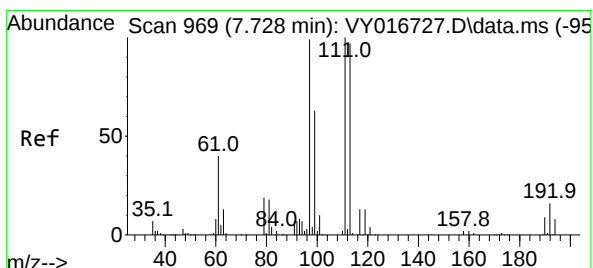
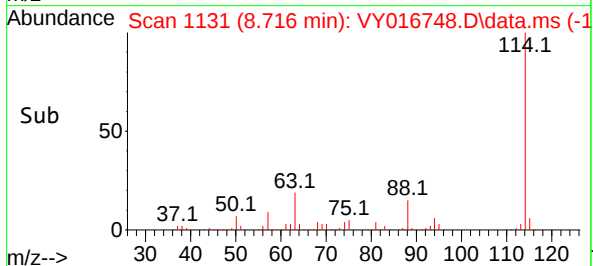
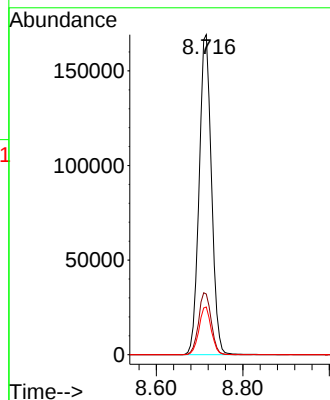
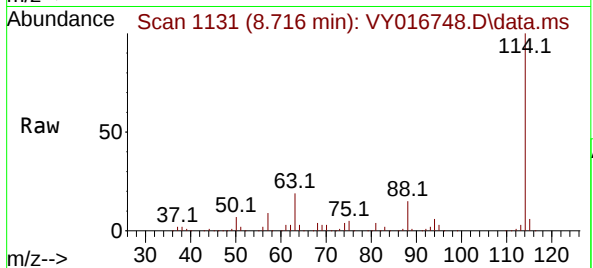
Tgt Ion:114 Resp: 333774

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 62.079 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016748.D

Acq: 21 Dec 2023 08:18

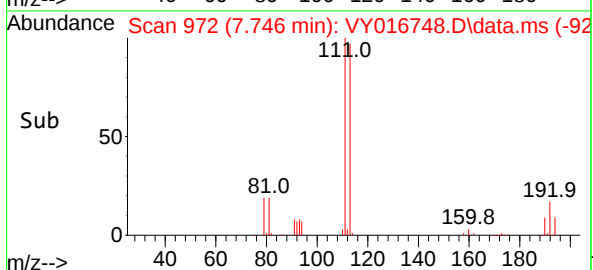
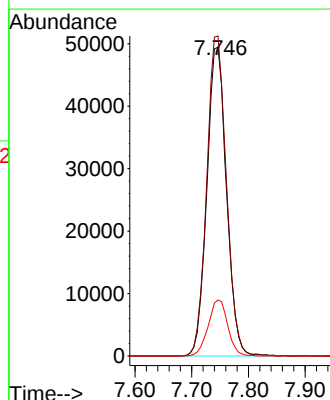
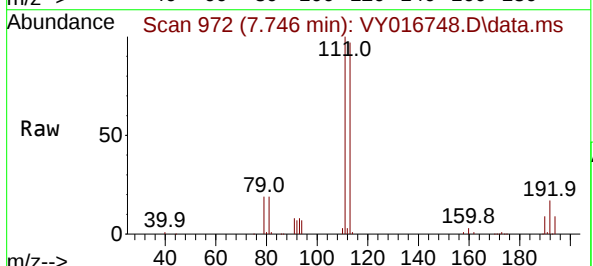
Tgt Ion:113 Resp: 118691

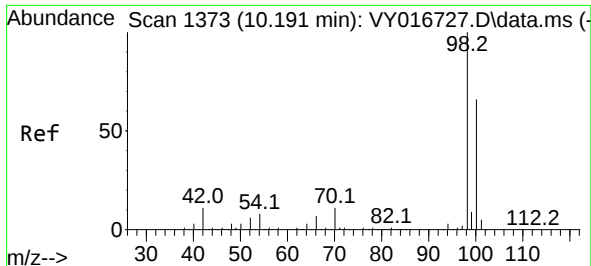
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 18.1 14.5 21.7

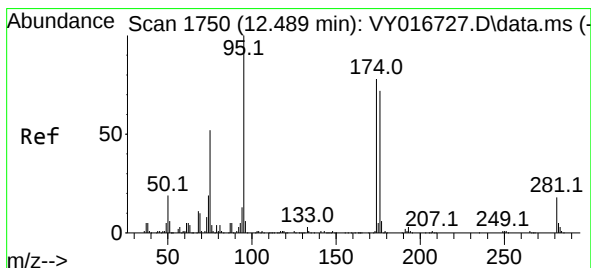
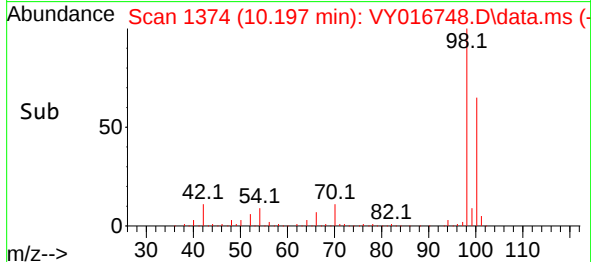
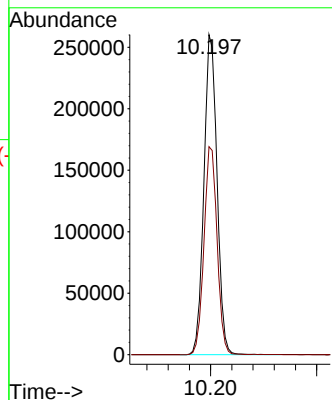
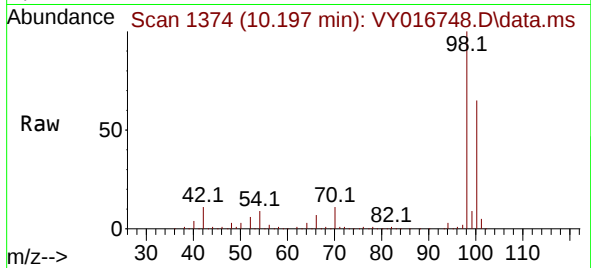




#50
Toluene-d8
Concen: 64.769 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016748.D
Acq: 21 Dec 2023 08:18

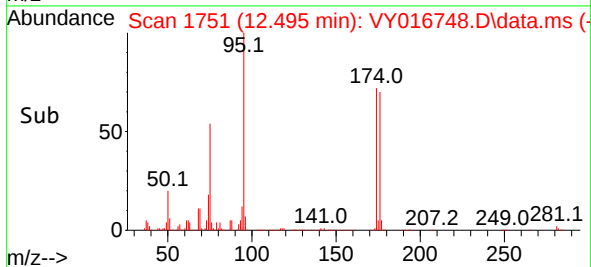
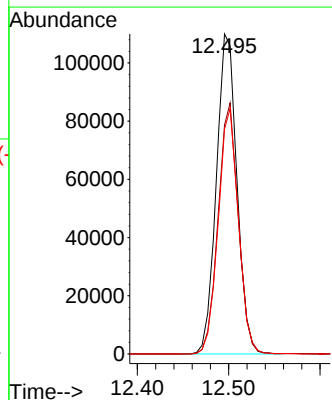
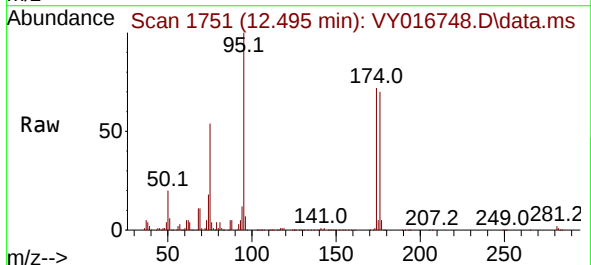
Instrument :
MSVOA_Y
ClientSampleId :
COLY2

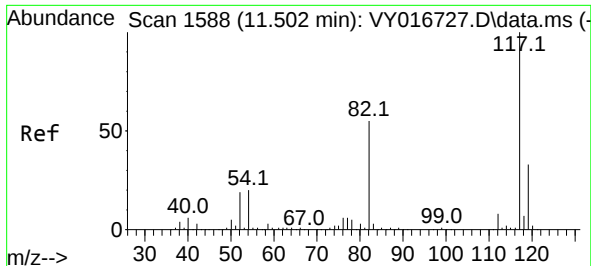
Tgt Ion: 98 Resp: 446410
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 76.910 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016748.D
Acq: 21 Dec 2023 08:18

Tgt Ion: 95 Resp: 171977
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.0
176 75.2 0.0 151.8

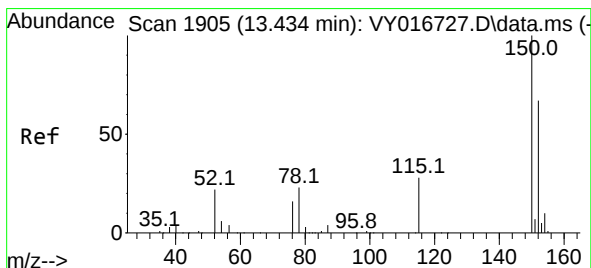
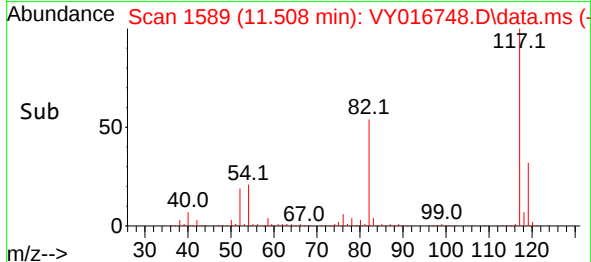
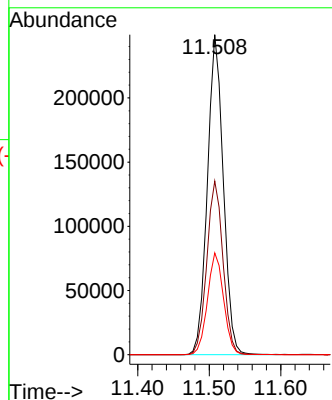
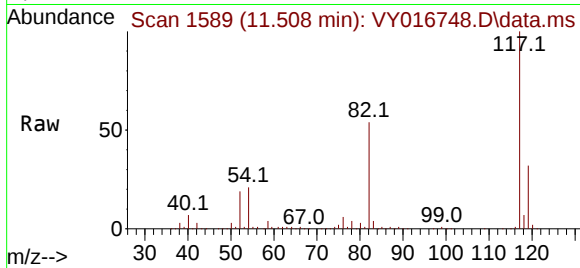




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016748.D
Acq: 21 Dec 2023 08:18

Instrument :
MSVOA_Y
ClientSampleId :
COLY2

Tgt Ion:117 Resp: 385648
Ion Ratio Lower Upper
117 100
82 54.2 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: VY016748.D
Acq: 21 Dec 2023 08:18

Tgt Ion:152 Resp: 167300
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 156.5 0.0 344.6

