

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016769.D
 Acq On : 21 Dec 2023 20:07
 Operator : SY/MD
 Sample : 05878-07
 Misc : 1.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLZ7

Quant Time: Dec 22 00:46:02 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)

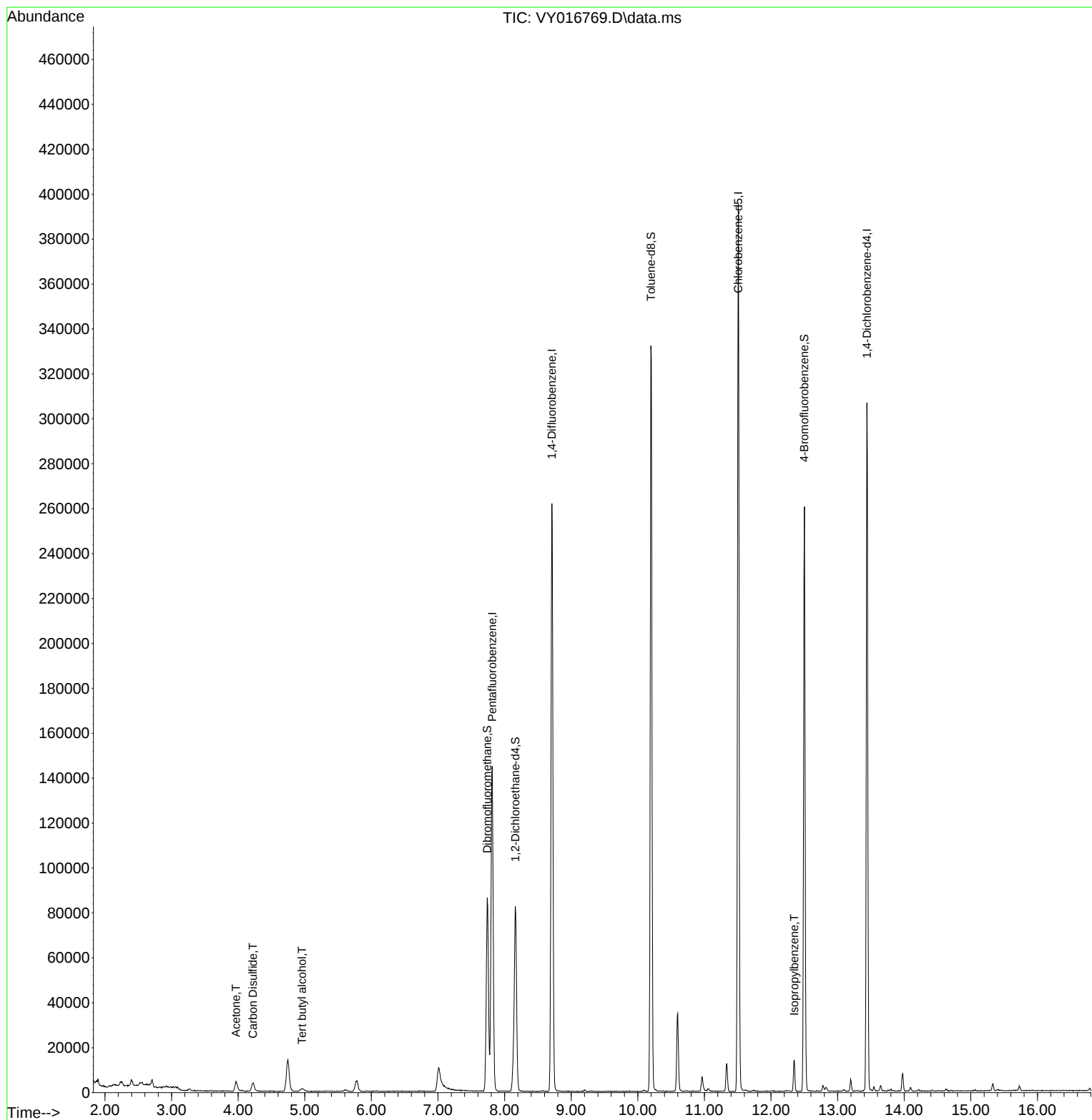
Internal Standards						
1) Pentafluorobenzene	7.813	168	110000	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	225496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	210794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61059	60.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.600%
35) Dibromofluoromethane	7.740	113	62525	48.405	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.820%
50) Toluene-d8	10.197	98	218846	46.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.000%
62) 4-Bromofluorobenzene	12.502	95	71280	47.184	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	2137	25.955	ug/l #	75
16) Acetone	3.966	43	7694	28.334	ug/l	100
17) Carbon Disulfide	4.223	76	5597	1.981	ug/l #	92
73) Isopropylbenzene	12.349	105	8383	1.417	ug/l	99

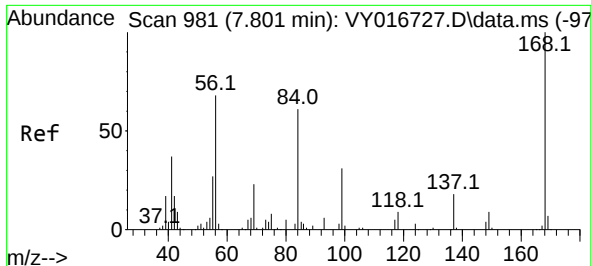
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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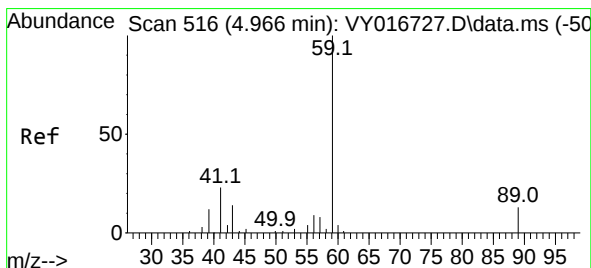
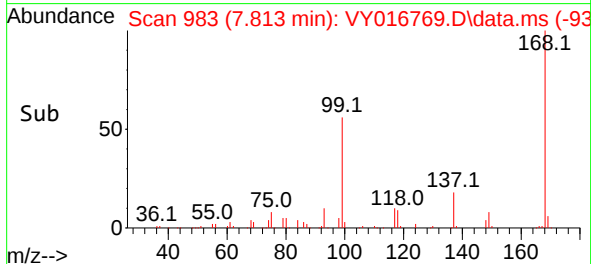
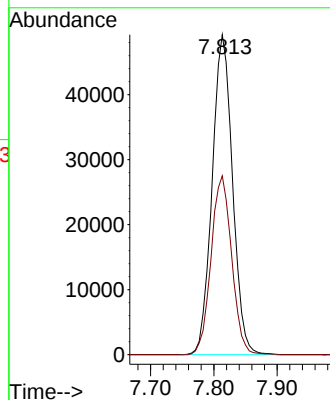
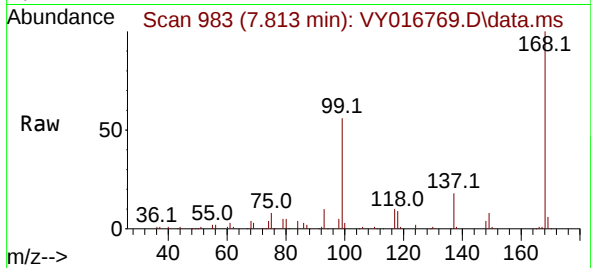




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016769.D
Acq: 21 Dec 2023 20:07

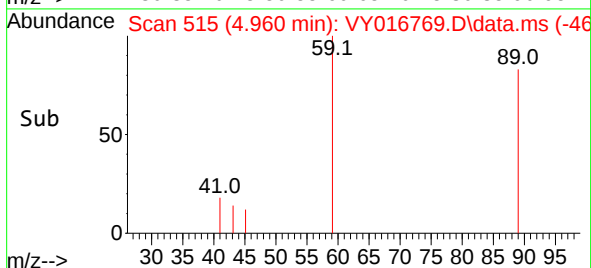
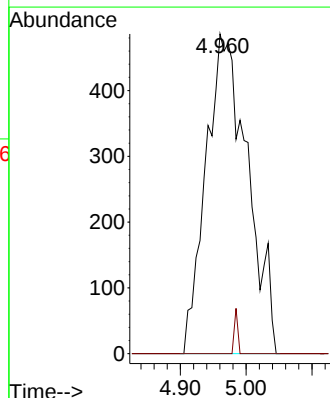
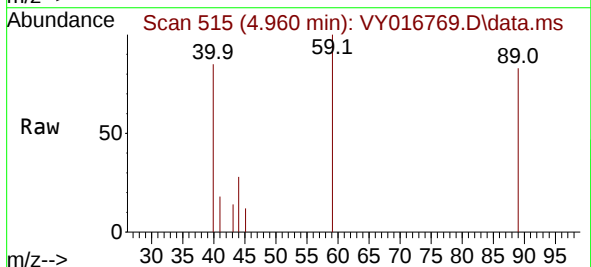
Instrument :
MSVOA_Y
ClientSampleId :
COLZ7

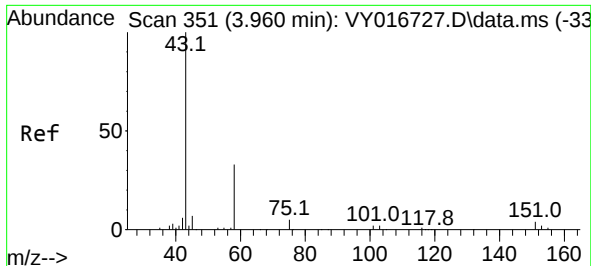
Tgt Ion:168 Resp: 110000
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#11
Tert butyl alcohol
Concen: 25.955 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016769.D
Acq: 21 Dec 2023 20:07

Tgt Ion: 59 Resp: 2137
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 28.334 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY016769.D

Acq: 21 Dec 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

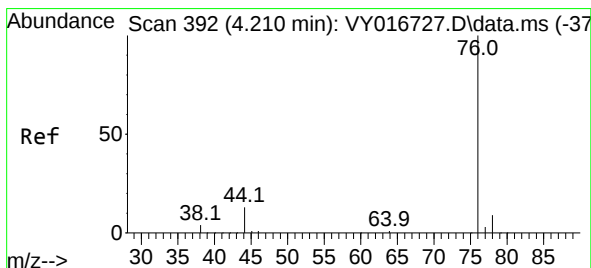
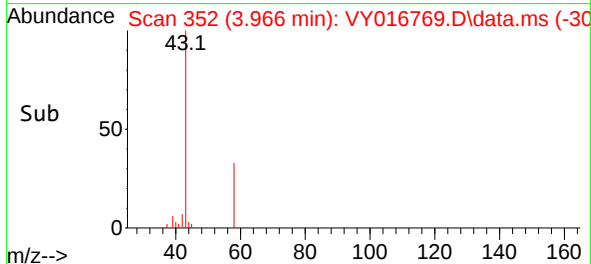
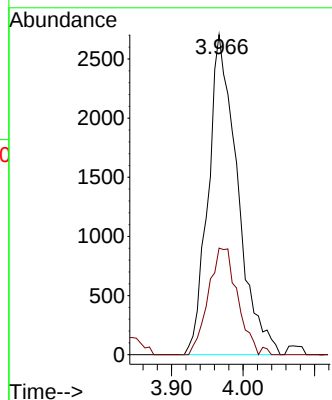
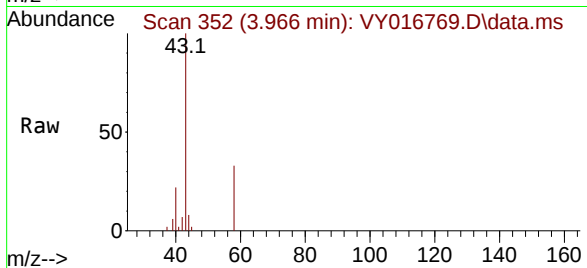
COLZ7

Tgt Ion: 43 Resp: 7694

Ion Ratio Lower Upper

43 100

58 33.3 26.6 39.8



#17

Carbon Disulfide

Concen: 1.981 ug/l

RT: 4.223 min Scan# 394

Delta R.T. 0.013 min

Lab File: VY016769.D

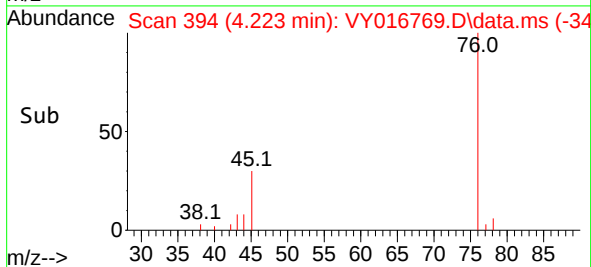
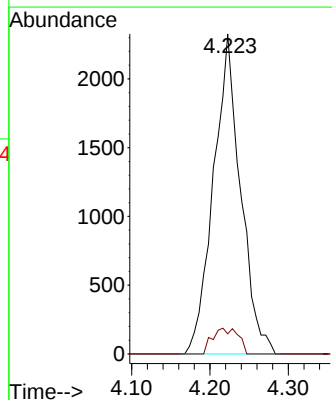
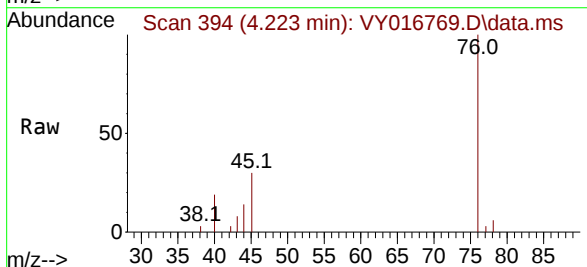
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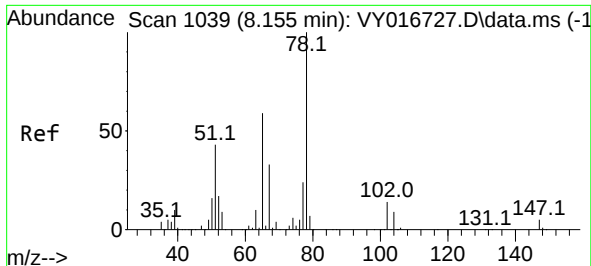
Tgt Ion: 76 Resp: 5597

Ion Ratio Lower Upper

76 100

78 6.3 7.4 11.0#





#33

1,2-Dichloroethane-d4

Concen: 60.805 ug/l

RT: 8.161 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY016769.D

Acq: 21 Dec 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

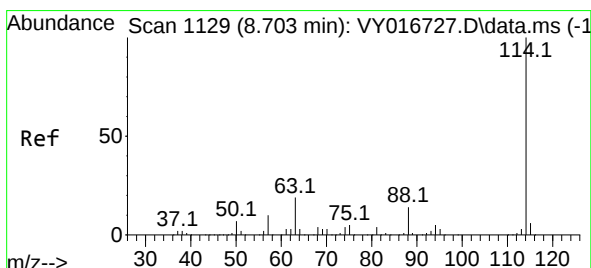
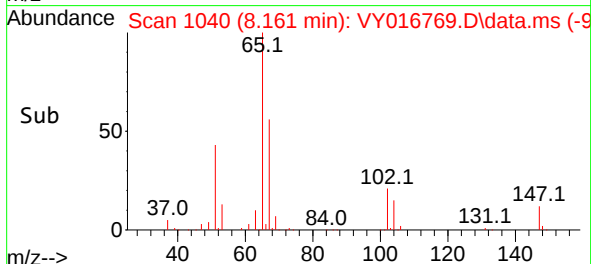
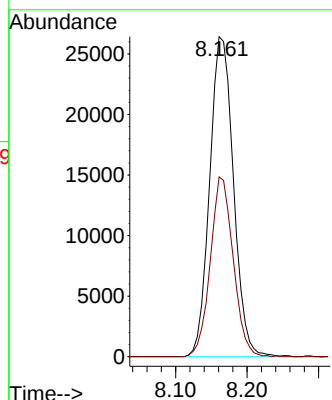
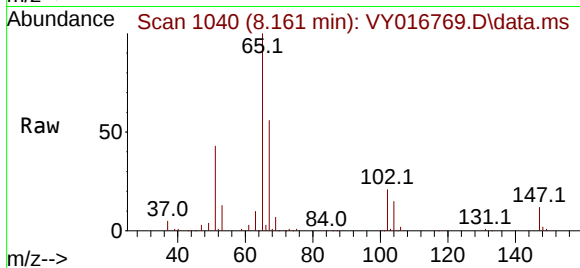
COLZ7

Tgt Ion: 65 Resp: 61059

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY016769.D

Acq: 21 Dec 2023 20:07

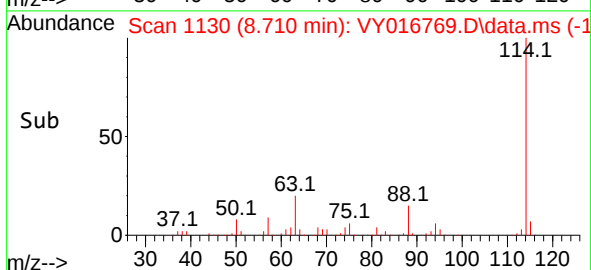
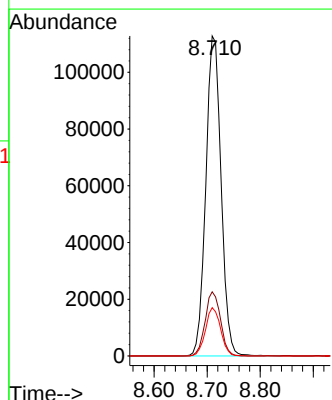
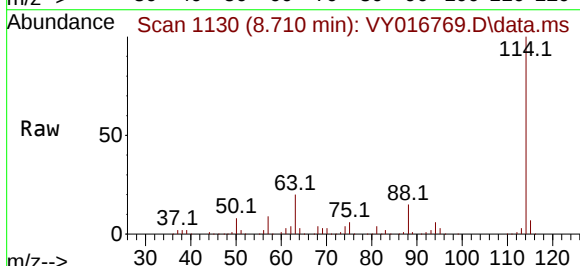
Tgt Ion: 114 Resp: 225496

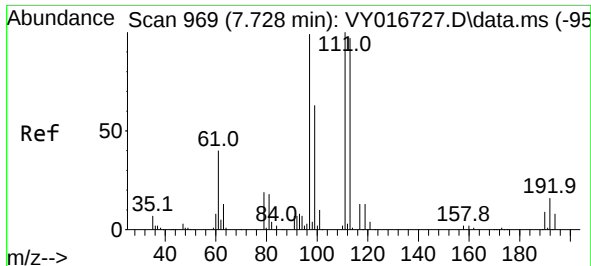
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.1 0.0 29.0

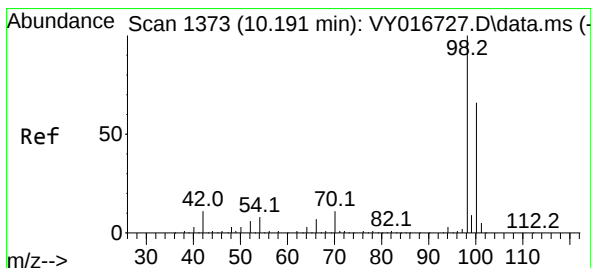
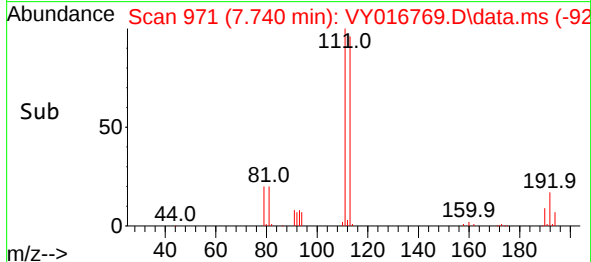
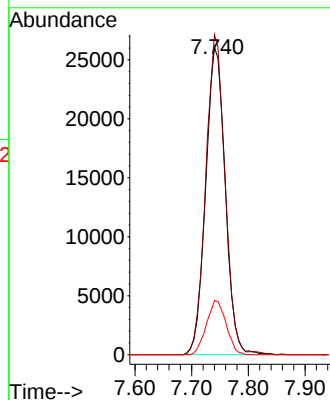
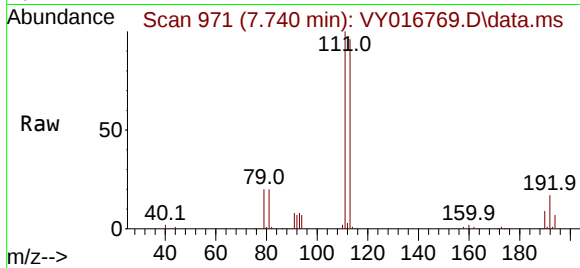




#35
Dibromofluoromethane
Concen: 48.405 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016769.D
Acq: 21 Dec 2023 20:07

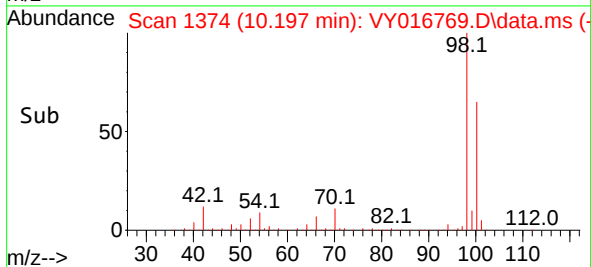
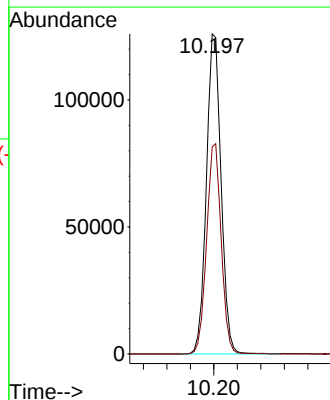
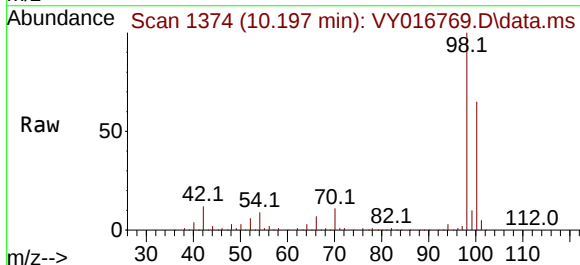
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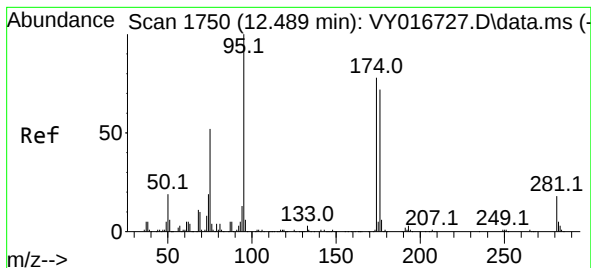
Tgt Ion:113 Resp: 62525
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 46.999 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016769.D
Acq: 21 Dec 2023 20:07

Tgt Ion: 98 Resp: 218846
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

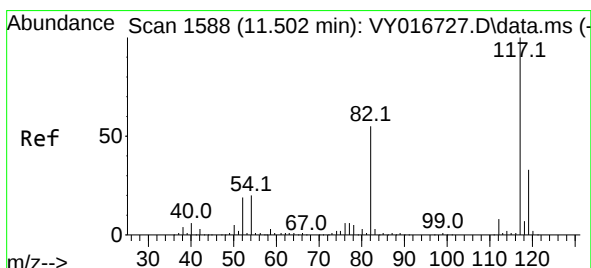
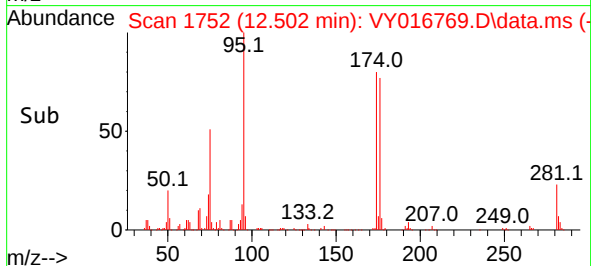
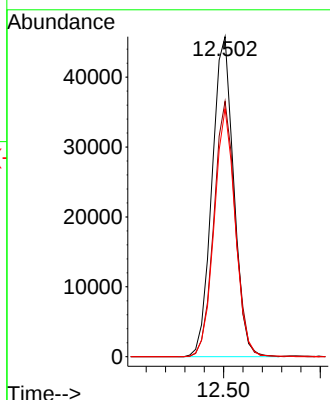
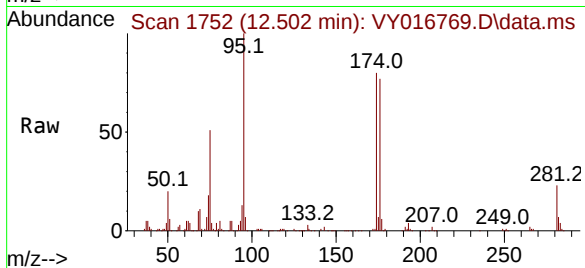




#62
4-Bromofluorobenzene
Concen: 47.184 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016769.D
Acq: 21 Dec 2023 20:07

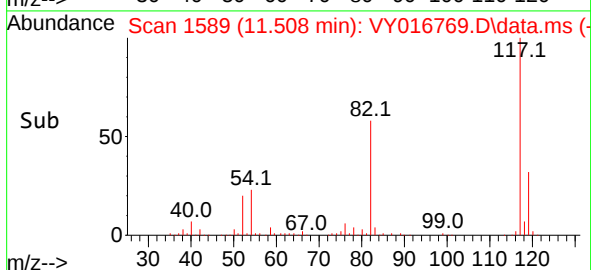
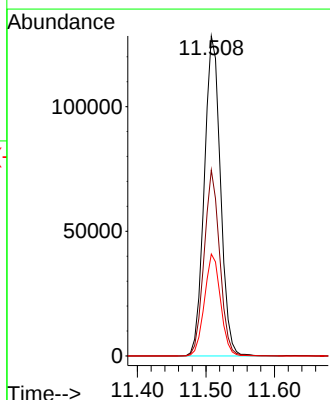
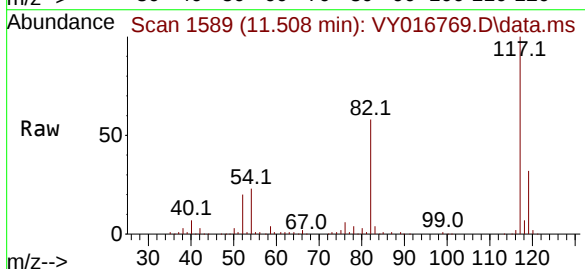
Instrument :
MSVOA_Y
ClientSampleId :
COLZ7

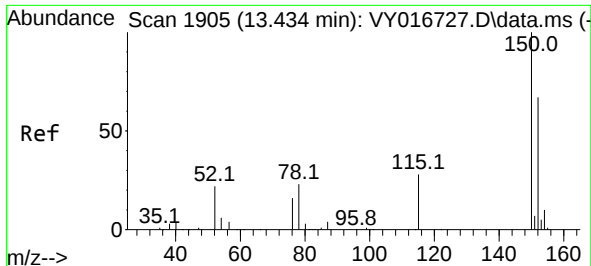
Tgt Ion: 95 Resp: 71280
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.0
176 75.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016769.D
Acq: 21 Dec 2023 20:07

Tgt Ion: 117 Resp: 210794
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.9 26.5 39.7

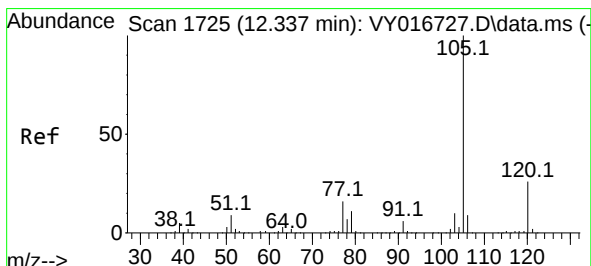
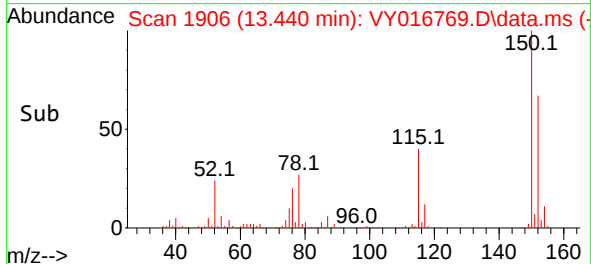
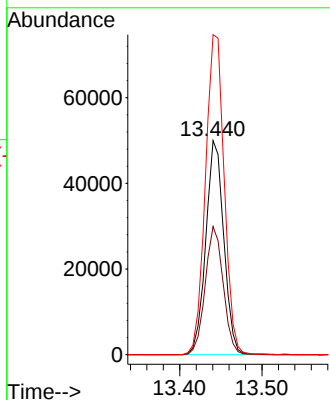
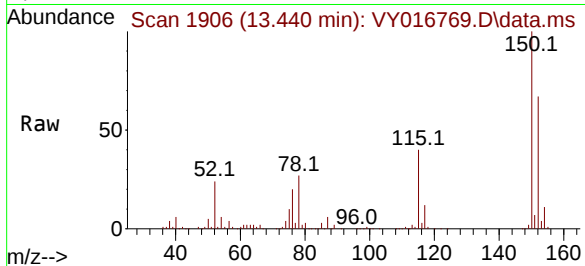




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016769.D
Acq: 21 Dec 2023 20:07

Instrument :
MSVOA_Y
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Tgt Ion:152 Resp: 75985
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 156.0 0.0 344.6



#73
Isopropylbenzene
Concen: 1.417 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016769.D
Acq: 21 Dec 2023 20:07

Tgt Ion:105 Resp: 8383
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

