

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016811.D
 Acq On : 22 Dec 2023 16:23
 Operator : SY/MD
 Sample : 05877-13
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM48

Quant Time: Dec 22 23:01:21 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)

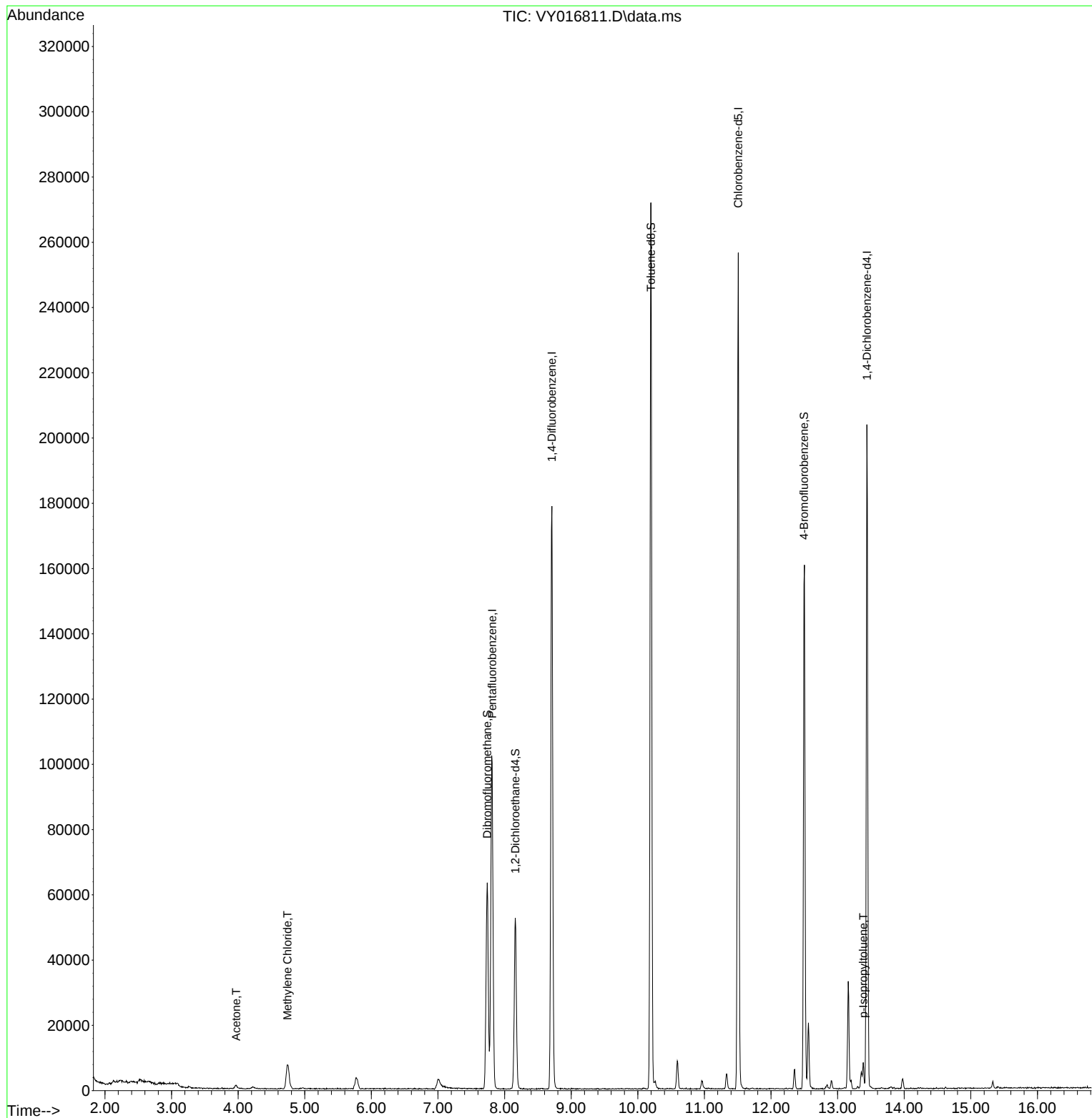
Internal Standards						
1) Pentafluorobenzene	7.813	168	76311	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	151765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	136977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	48543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	40268	57.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.600%			
35) Dibromofluoromethane	7.740	113	46199	53.142	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.280%			
50) Toluene-d8	10.197	98	175576	56.025	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.040%			
62) 4-Bromofluorobenzene	12.495	95	47640	46.856	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.720%			
Target Compounds						
16) Acetone	3.973	43	2000	10.617	ug/l	93
20) Methylene Chloride	4.741	84	5965	3.402	ug/l	97
86) p-Isopropyltoluene	13.385	119	4018	1.251	ug/l #	82

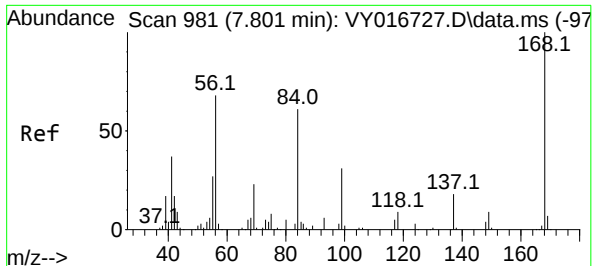
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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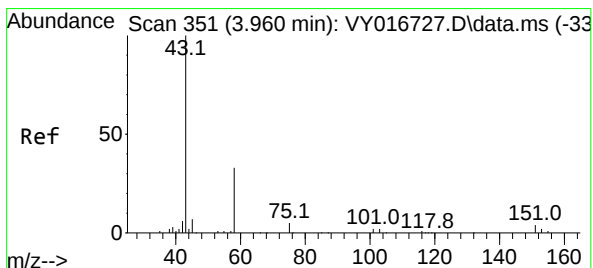
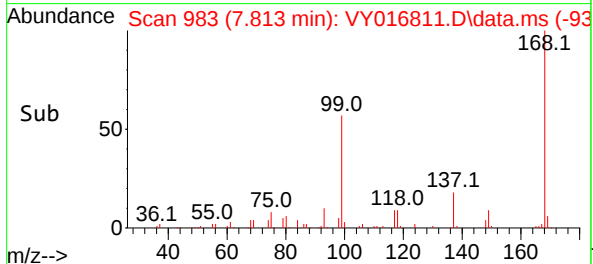
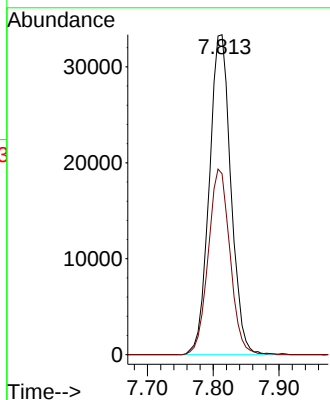
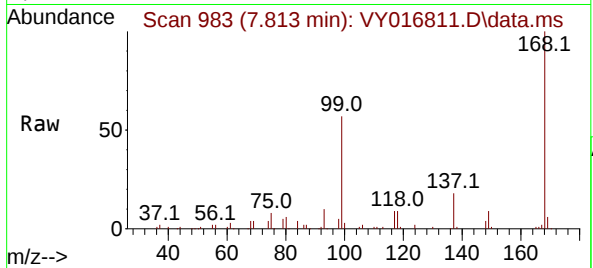




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016811.D
Acq: 22 Dec 2023 16:23

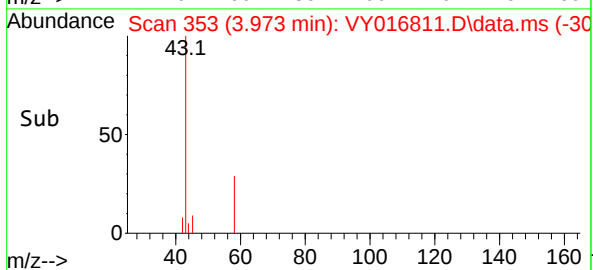
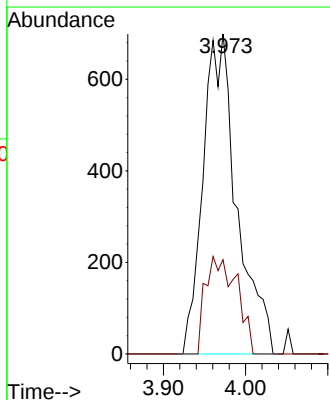
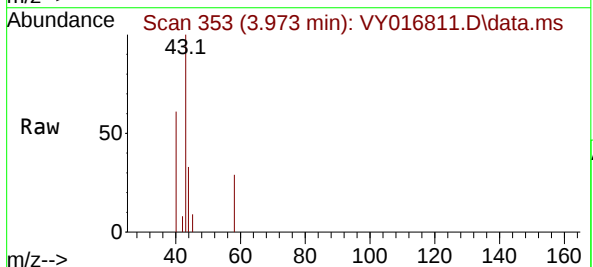
Instrument :
MSVOA_Y
ClientSampleId :
COM48

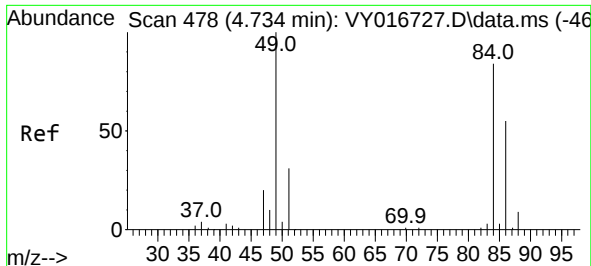
Tgt Ion:168 Resp: 76311
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#16
Acetone
Concen: 10.617 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016811.D
Acq: 22 Dec 2023 16:23

Tgt Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
58 29.5 26.6 39.8

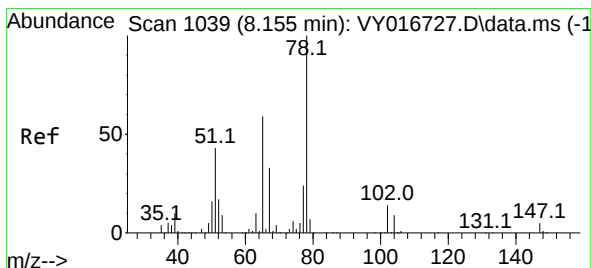
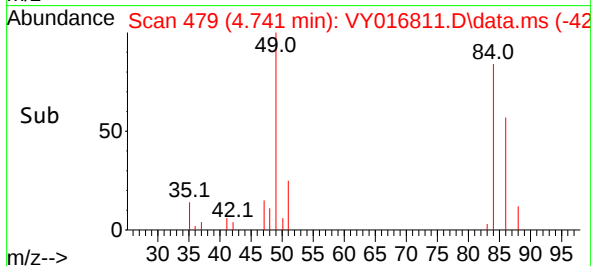
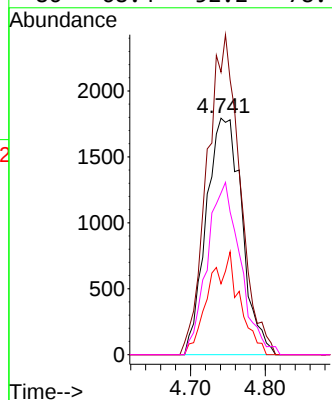
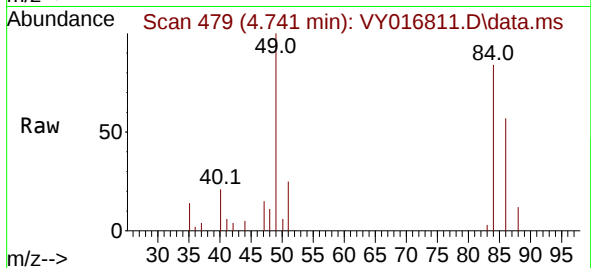




#20
Methylene Chloride
Concen: 3.402 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY016811.D
Acq: 22 Dec 2023 16:23

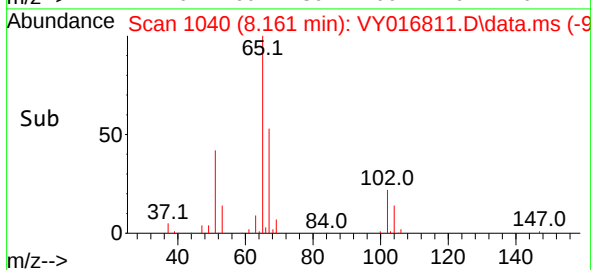
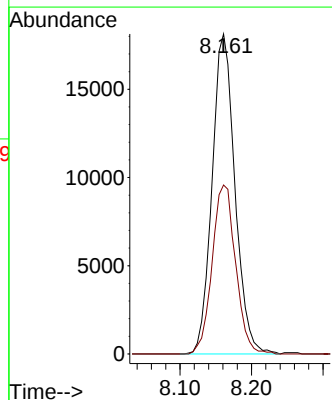
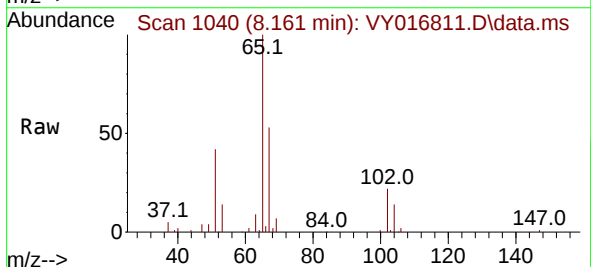
Instrument :
MSVOA_Y
ClientSampleId :
COM48

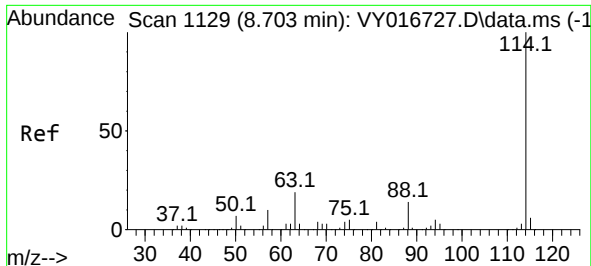
Tgt Ion:	84	Resp:	5965
Ion	Ratio	Lower	Upper
84	100		
49	119.5	95.2	142.8
51	29.9	29.9	44.9
86	68.4	52.2	78.4



#33
1,2-Dichloroethane-d4
Concen: 57.803 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016811.D
Acq: 22 Dec 2023 16:23

Tgt Ion:	65	Resp:	40268
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016811.D

Acq: 22 Dec 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

COM48

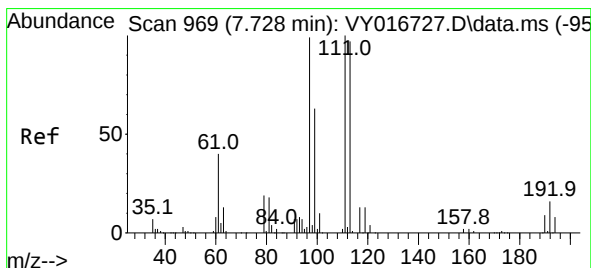
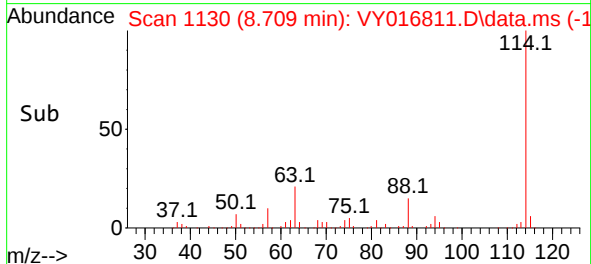
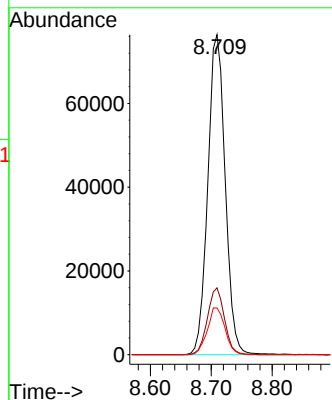
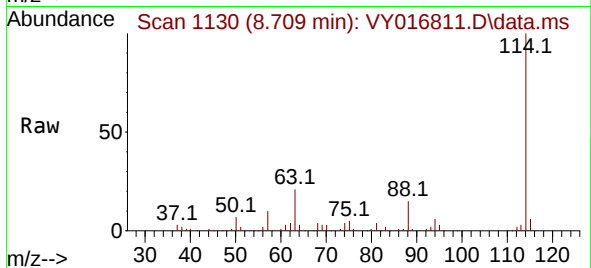
Tgt Ion:114 Resp: 151765

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.142 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016811.D

Acq: 22 Dec 2023 16:23

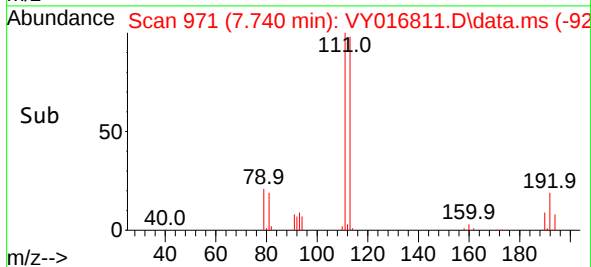
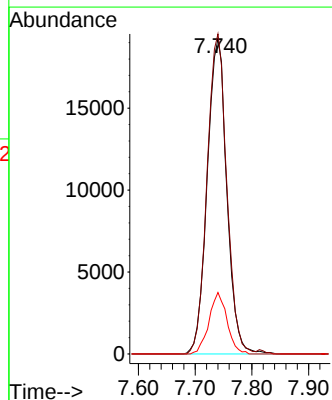
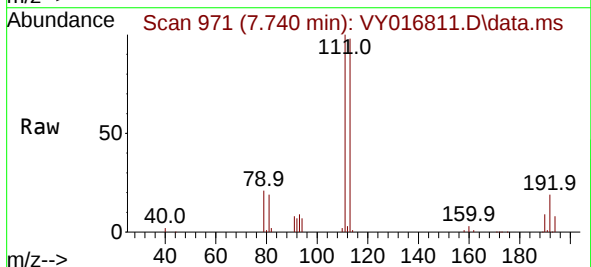
Tgt Ion:113 Resp: 46199

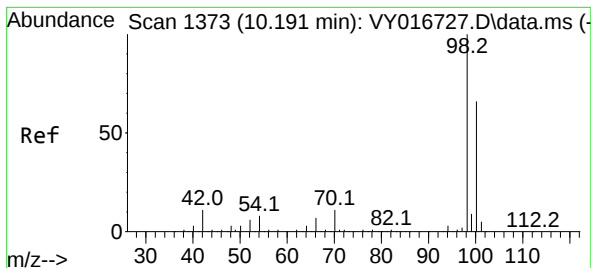
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 18.0 14.5 21.7





#50

Toluene-d8

Concen: 56.025 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016811.D

Acq: 22 Dec 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

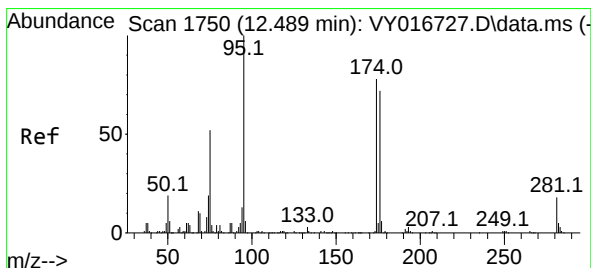
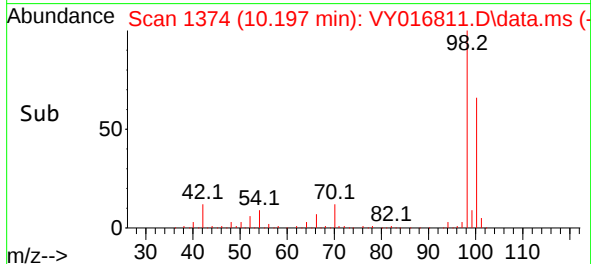
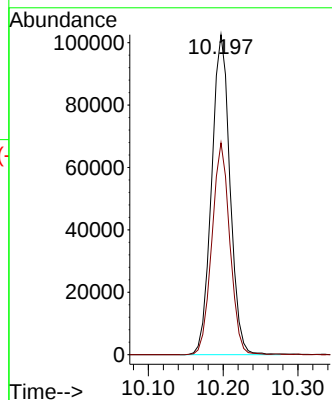
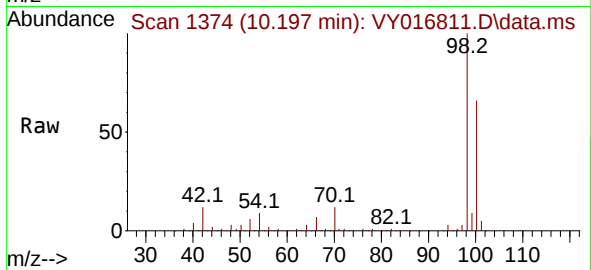
COM48

Tgt Ion: 98 Resp: 175576

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.856 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016811.D

Acq: 22 Dec 2023 16:23

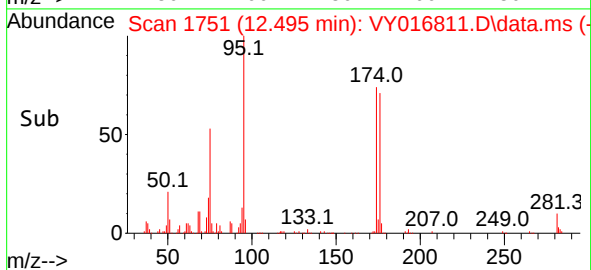
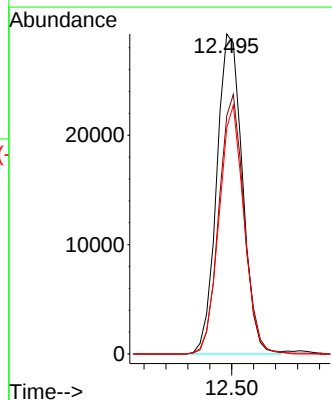
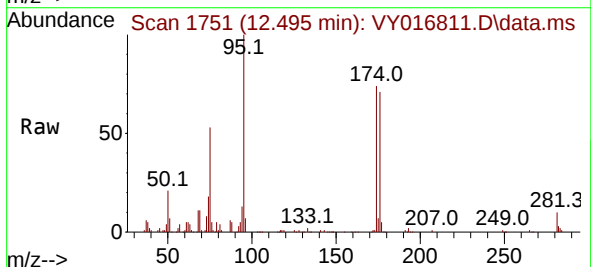
Tgt Ion: 95 Resp: 47640

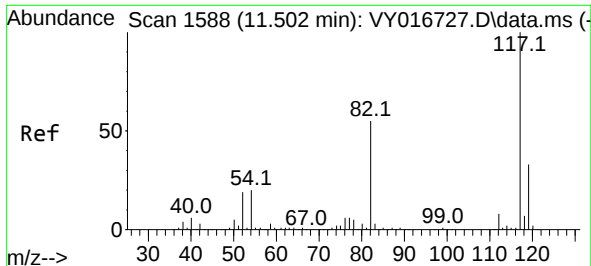
Ion Ratio Lower Upper

95 100

174 79.3 0.0 160.0

176 75.5 0.0 151.8

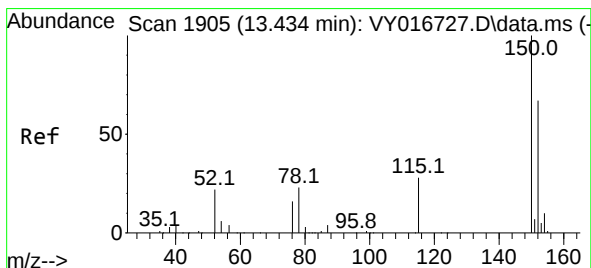
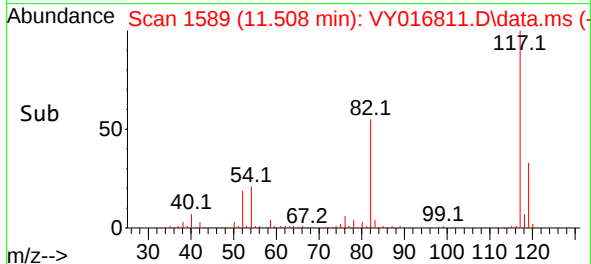
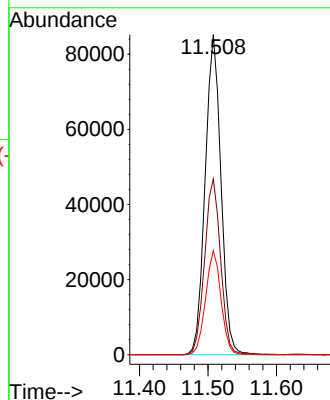
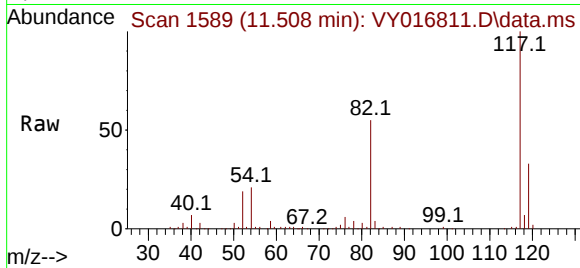




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016811.D
Acq: 22 Dec 2023 16:23

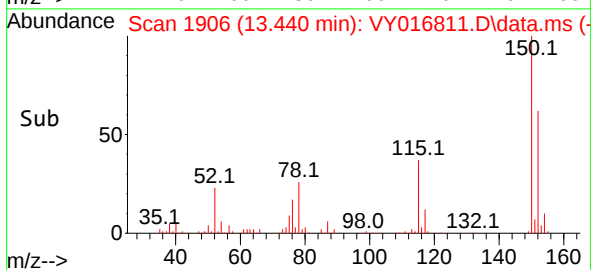
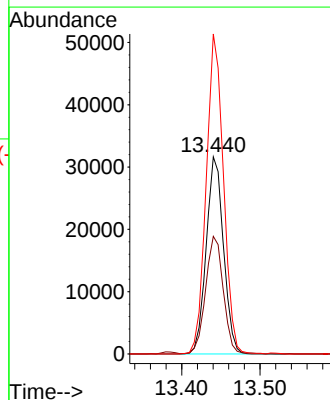
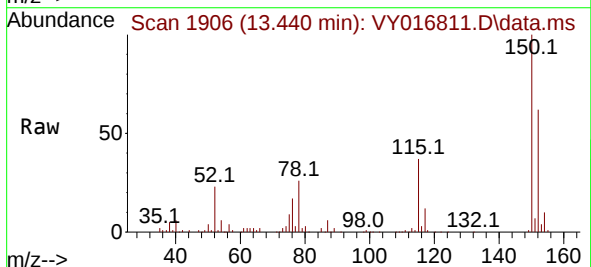
Instrument :
MSVOA_Y
ClientSampleId :
COM48

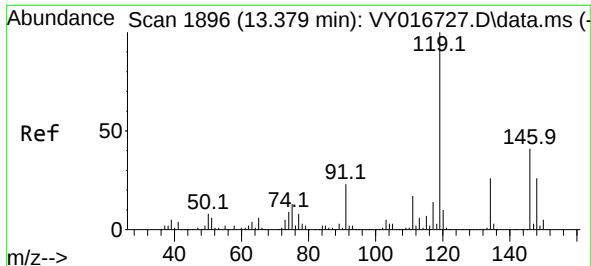
Tgt Ion:117 Resp: 136977
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016811.D
Acq: 22 Dec 2023 16:23

Tgt Ion:152 Resp: 48543
Ion Ratio Lower Upper
152 100
115 60.7 30.0 90.0
150 161.2 0.0 344.6





#86

p-Isopropyltoluene

Concen: 1.251 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016811.D

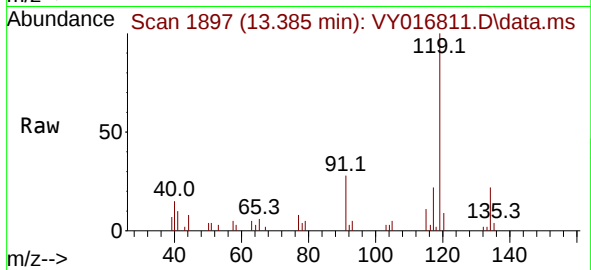
Acq: 22 Dec 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

COM48



Tgt Ion:119 Resp: 4018

Ion Ratio Lower Upper

119 100

134 27.7 13.1 39.1

91 40.2 11.7 35.0#

