

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013248.D
 Acq On : 11 Apr 2023 17:23
 Operator : KP/MD
 Sample : 02257-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ELI-SOLID-0407

Quant Time: Apr 12 01:36:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

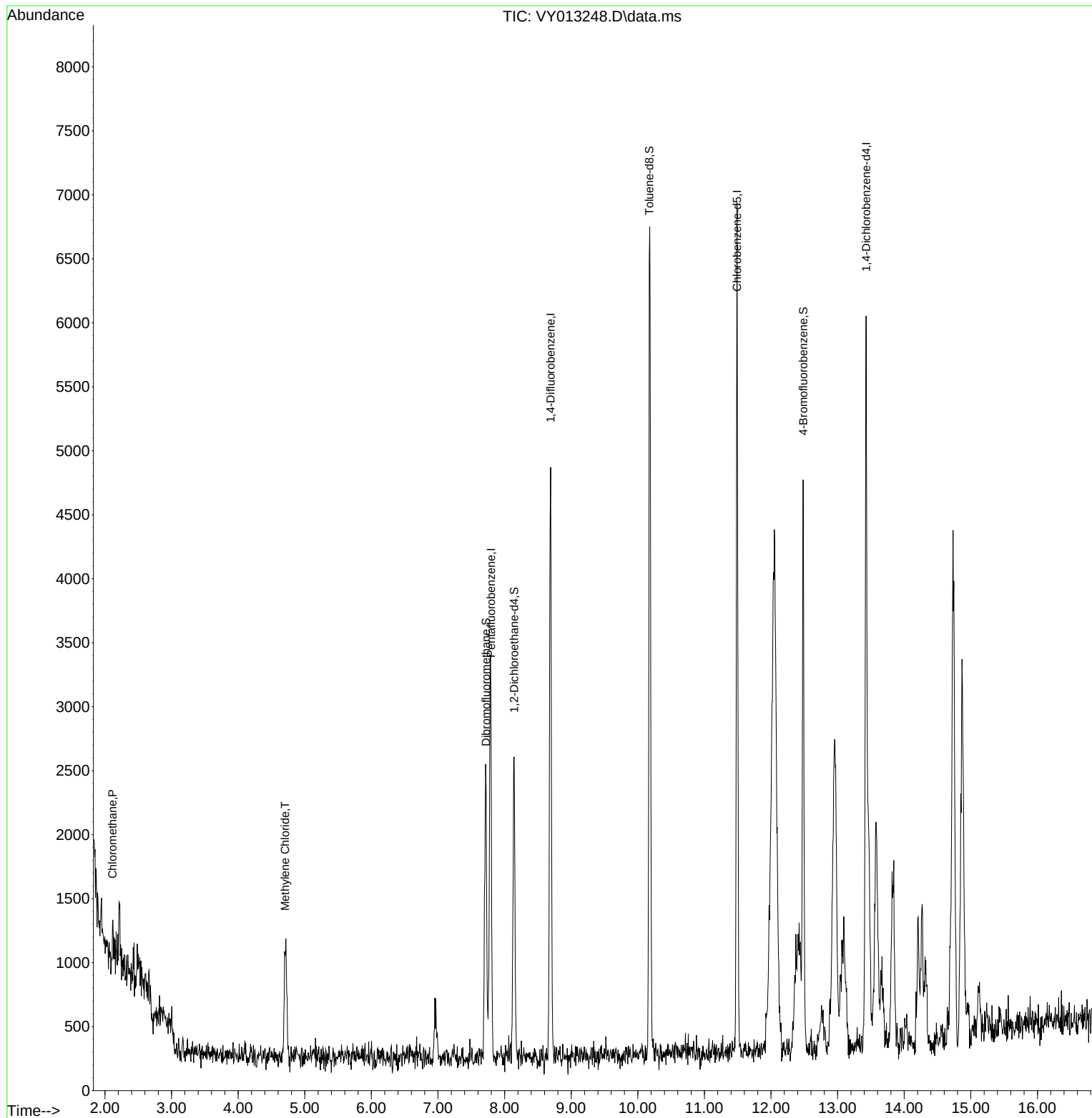
Internal Standards						
1) Pentafluorobenzene	7.795	168	2613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2052	69.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.660%
35) Dibromofluoromethane	7.722	113	1599	65.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.100%
50) Toluene-d8	10.173	98	4591	53.349	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.483	95	1222	39.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.540%
Target Compounds						Qvalue
3) Chloromethane	2.113	50	342	13.167	ug/l	92
20) Methylene Chloride	4.704	84	665	17.778	ug/l #	80

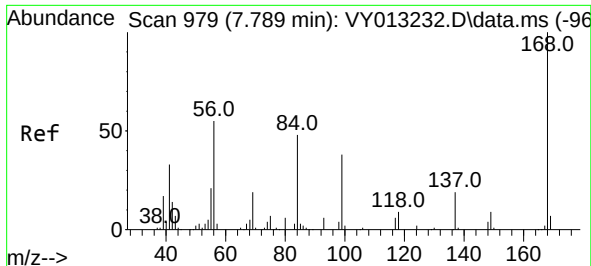
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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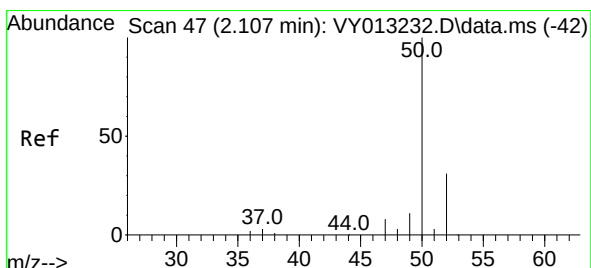
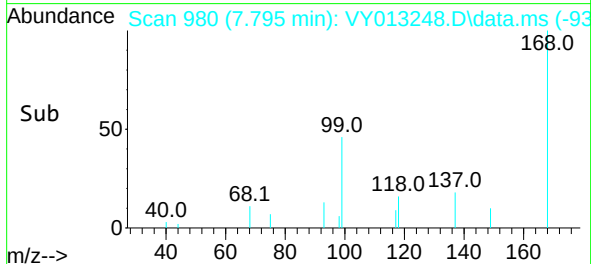
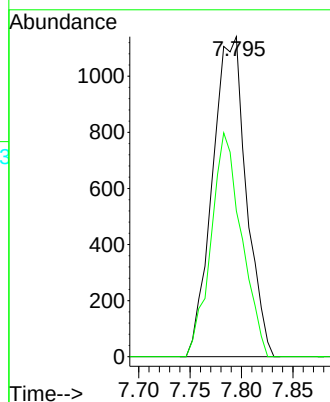
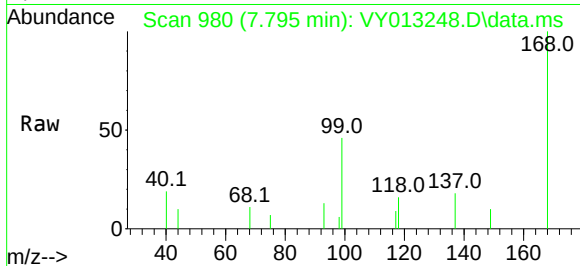




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

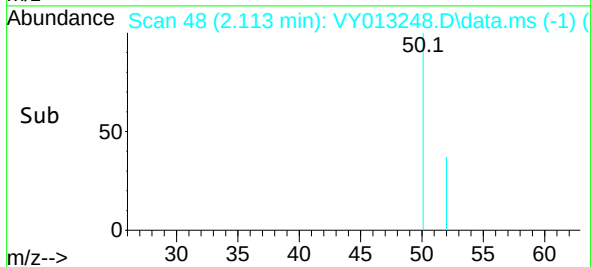
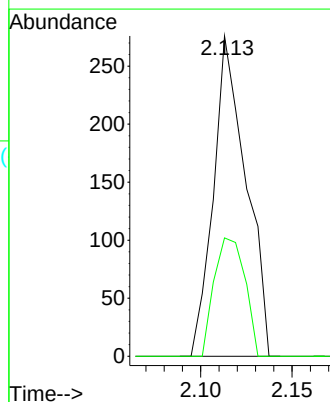
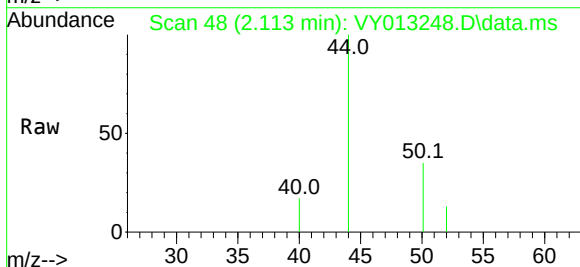
Instrument :
MSVOA_Y
ClientSampleId :
ELI-SOLID-0407

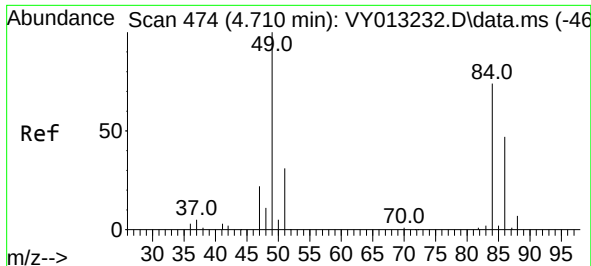
Tgt Ion:168 Resp: 2613
Ion Ratio Lower Upper
168 100
99 45.6 41.7 62.5



#3
Chloromethane
Concen: 13.167 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 37.0 26.0 39.0





#20

Methylene Chloride

Concen: 17.778 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY013248.D

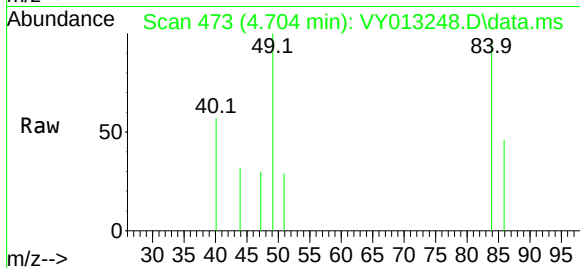
Acq: 11 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

ELI-SOLID-0407



Tgt Ion: 84 Resp: 665

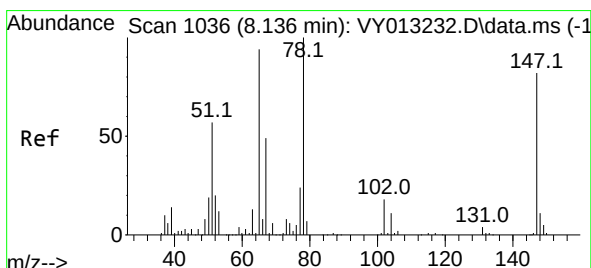
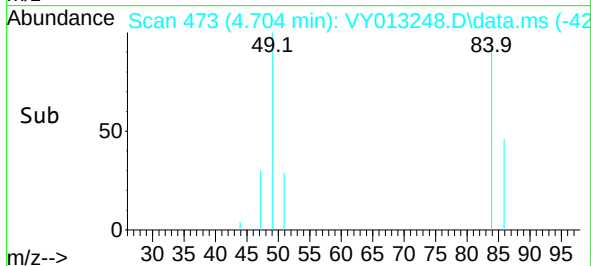
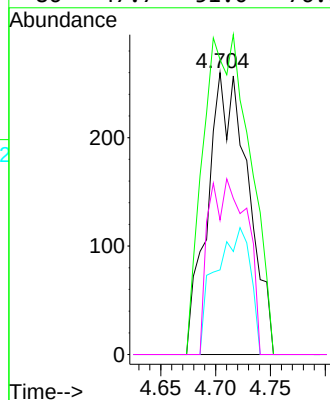
Ion Ratio Lower Upper

84 100

49 104.6 102.6 154.0

51 30.0 31.9 47.9#

86 47.7 51.0 76.6#



#33

1,2-Dichloroethane-d4

Concen: 69.833 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013248.D

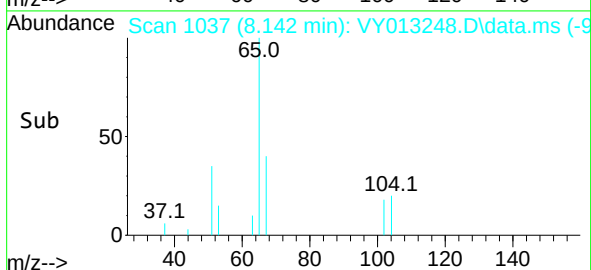
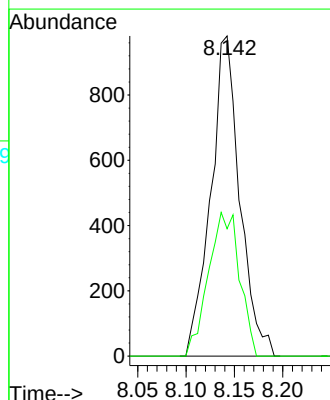
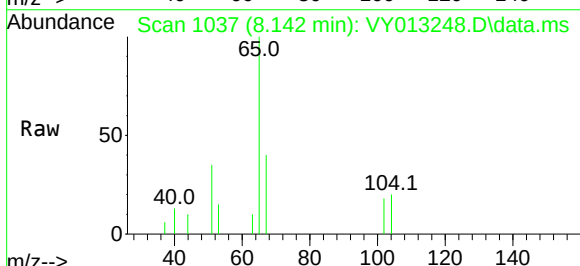
Acq: 11 Apr 2023 17:23

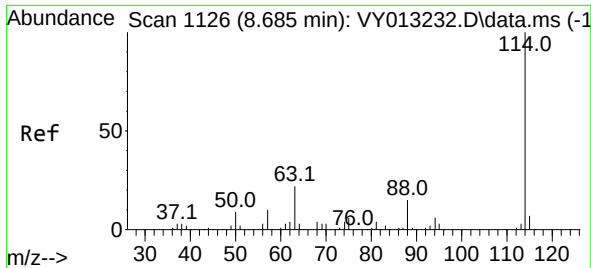
Tgt Ion: 65 Resp: 2052

Ion Ratio Lower Upper

65 100

67 48.0 0.0 104.0

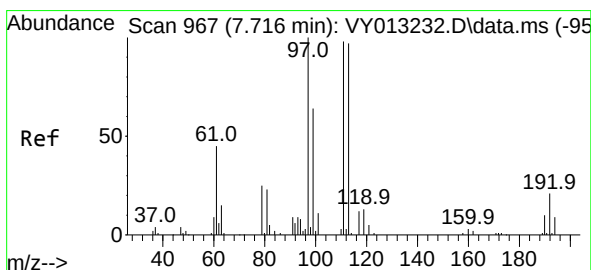
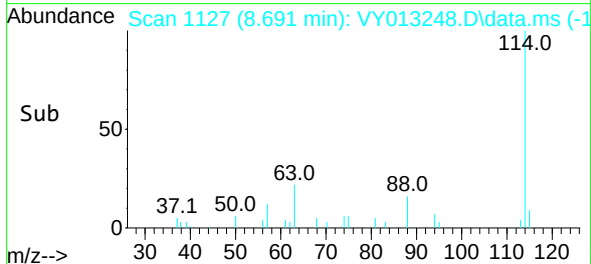
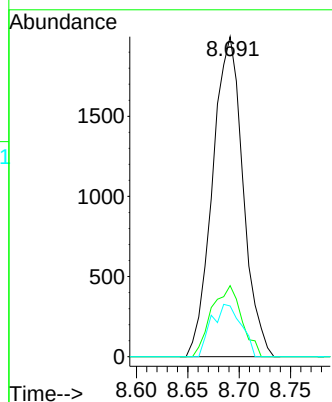
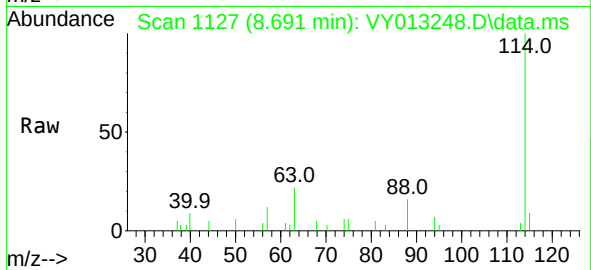




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

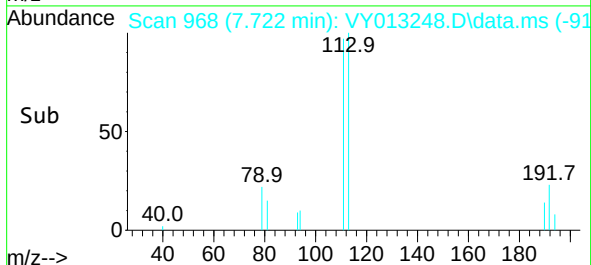
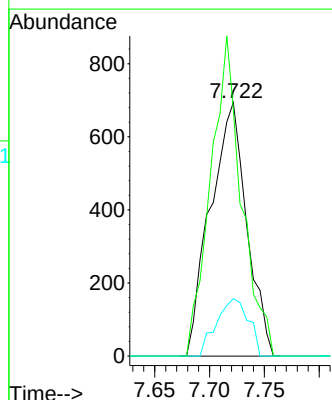
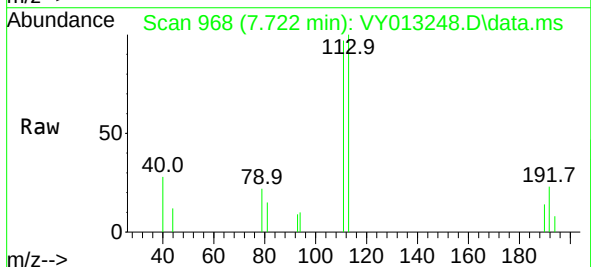
Instrument :
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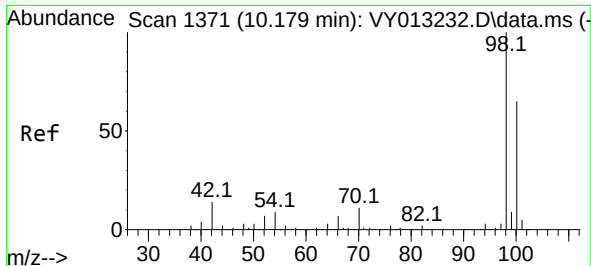
Tgt Ion:114 Resp: 4112
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.4
88 15.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 65.054 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion:113 Resp: 1599
Ion Ratio Lower Upper
113 100
111 108.0 82.2 123.2
192 19.9 16.8 25.2

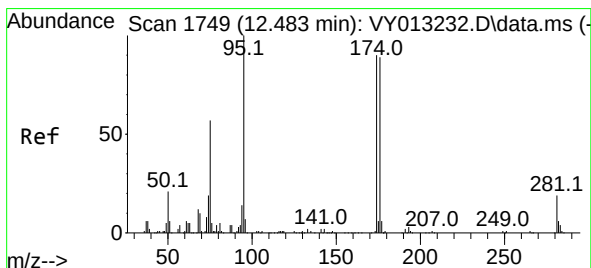
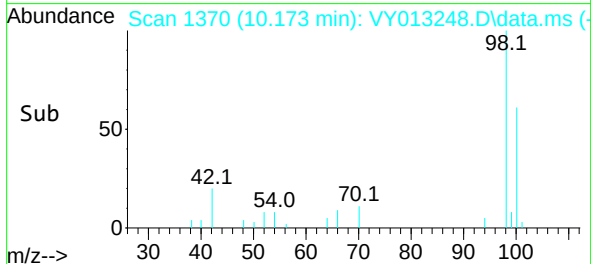
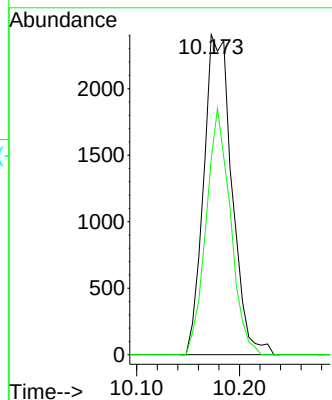
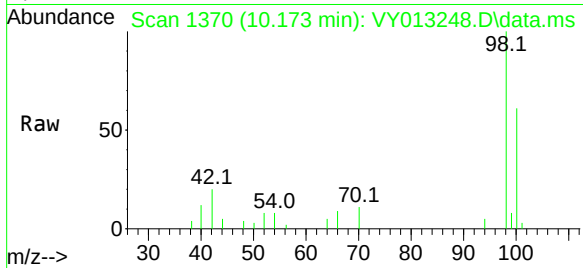




#50
Toluene-d8
Concen: 53.349 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

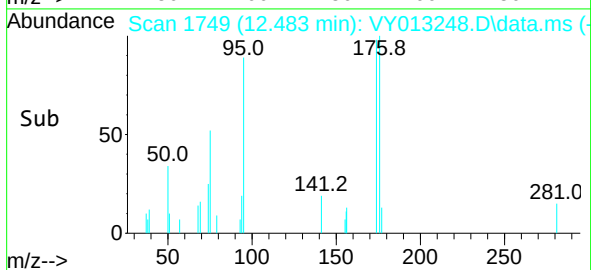
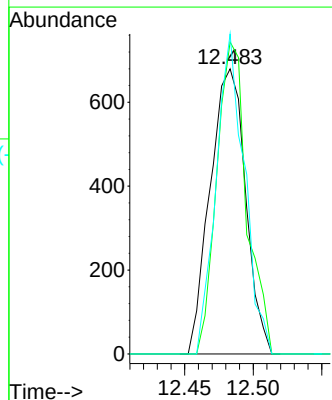
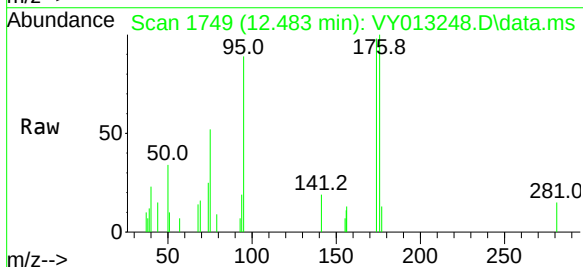
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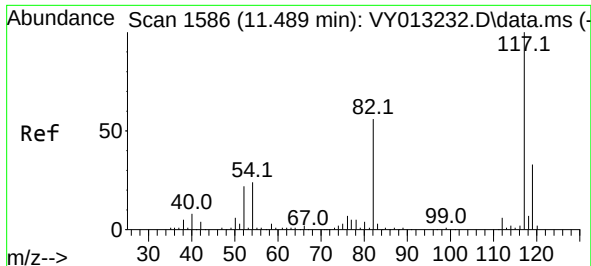
Tgt Ion: 98 Resp: 4591
Ion Ratio Lower Upper
98 100
100 66.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion: 95 Resp: 1222
Ion Ratio Lower Upper
95 100
174 92.8 0.0 176.6
176 89.3 0.0 170.2

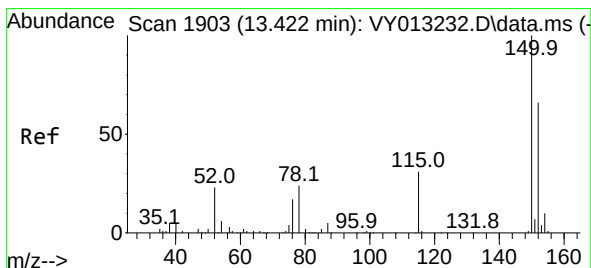
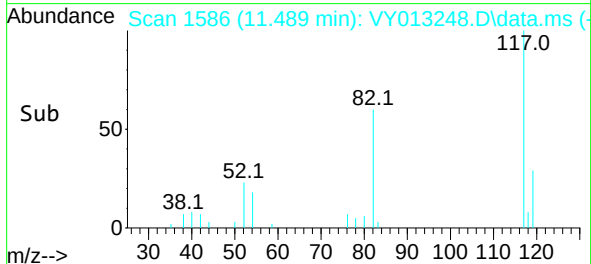
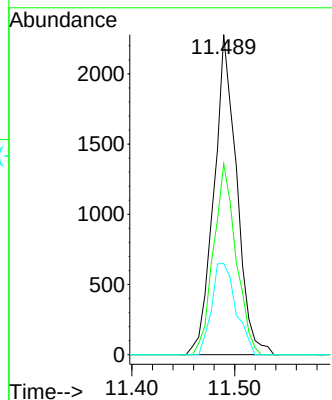
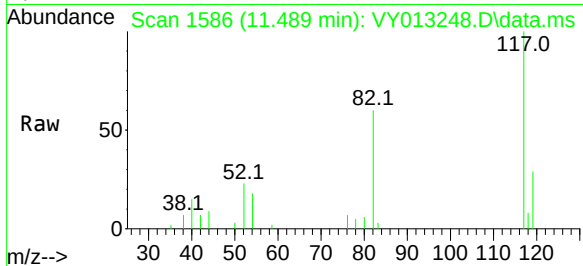




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
ELI-SOLID-0407

Tgt Ion:117	Resp:	3492
Ion	Ratio	Lower Upper
117	100	
82	59.6	45.4 68.0
119	28.5	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013248.D
Acq: 11 Apr 2023 17:23

Tgt Ion:152	Resp:	1255
Ion	Ratio	Lower Upper
152	100	
115	47.6	27.1 81.3
150	147.9	0.0 347.8

