

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015813.D
 Acq On : 03 Oct 2023 18:06
 Operator : SY/MD
 Sample : 04704-01
 Misc : 6.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-4(0-5)

Quant Time: Oct 04 01:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

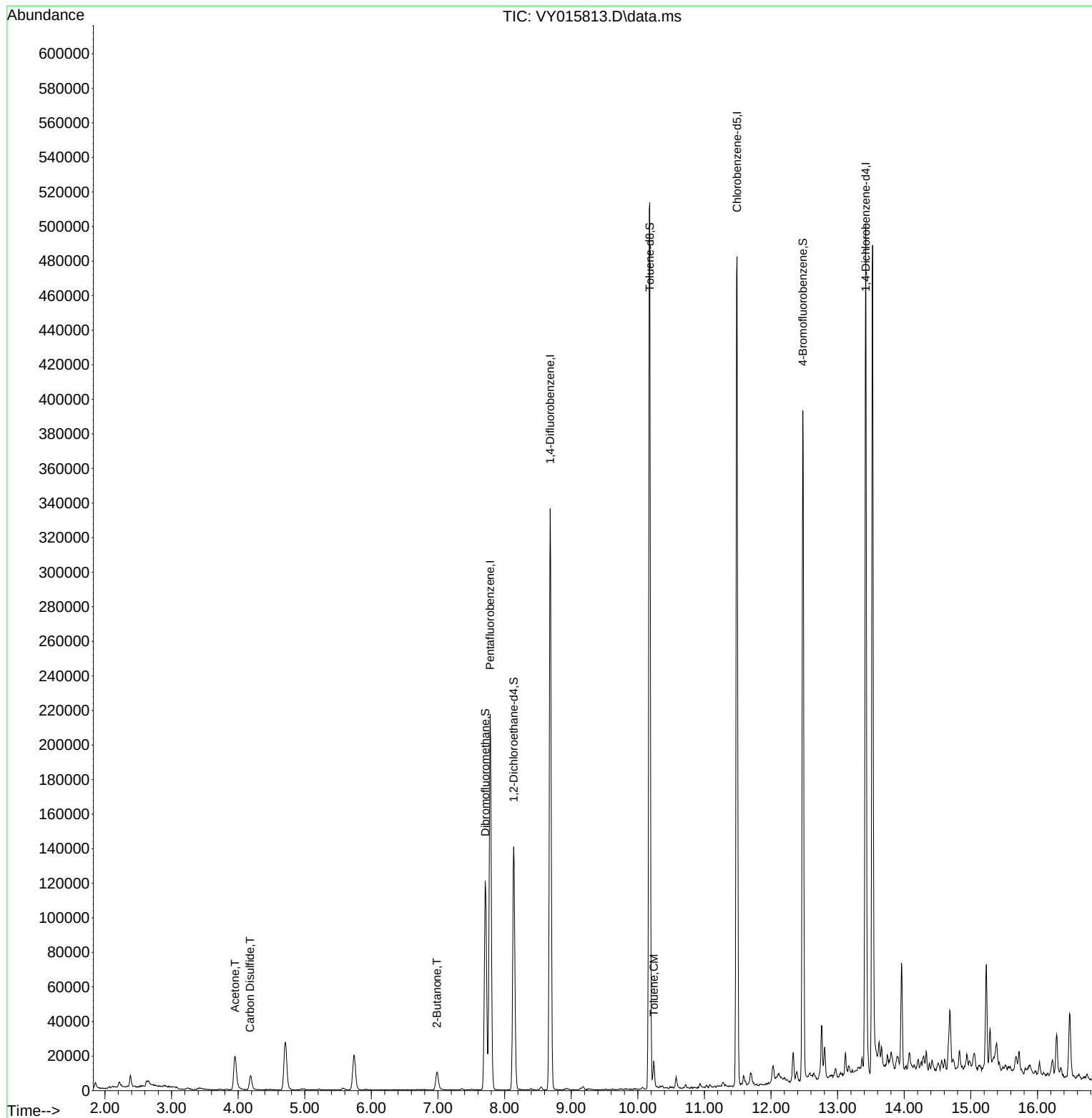
Internal Standards						
1) Pentafluorobenzene	7.783	168	166612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106631	58.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.340%
35) Dibromofluoromethane	7.710	113	85587	49.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.179	98	339818	58.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.160%
62) 4-Bromofluorobenzene	12.477	95	118124	51.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.900%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	39162	39.919	ug/l	91
17) Carbon Disulfide	4.180	76	16922	5.943	ug/l #	93
25) 2-Butanone	6.984	43	13009	9.381	ug/l	98
52) Toluene	10.240	92	5771	1.150	ug/l	99

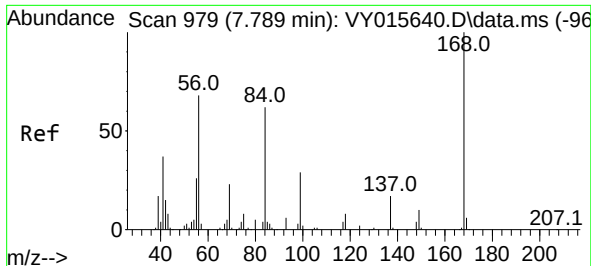
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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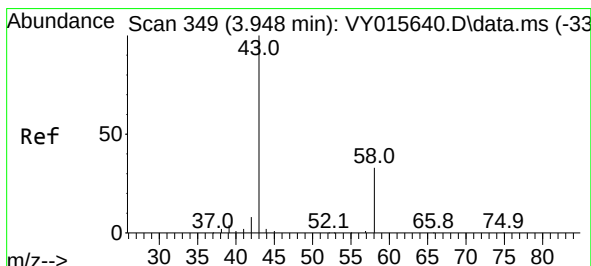
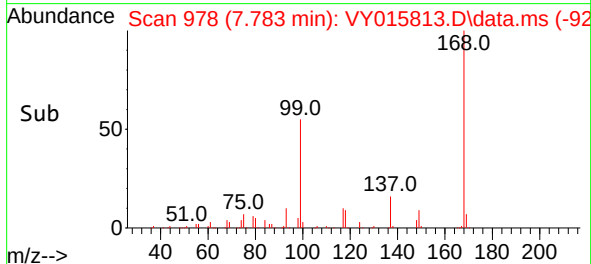
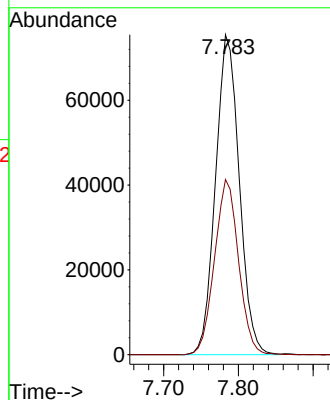
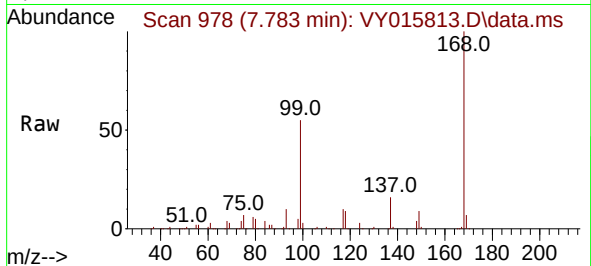




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

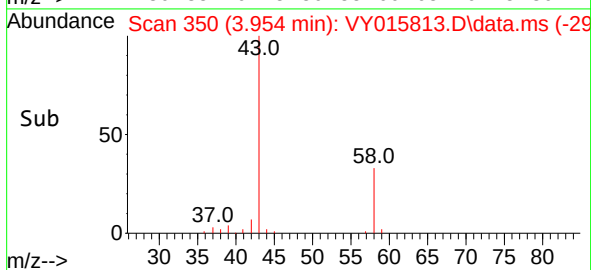
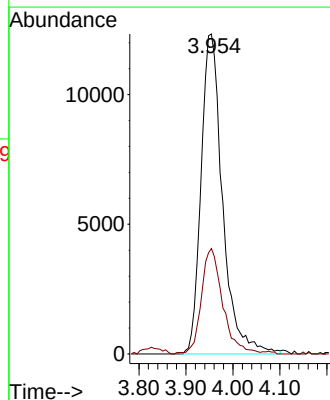
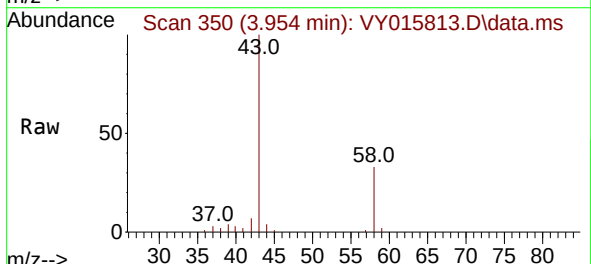
Instrument :
MSVOA_Y
ClientSampleId :
S-4(0-5)

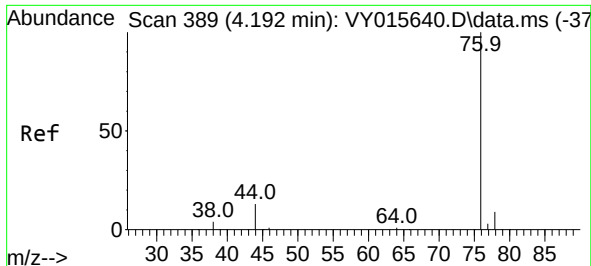
Tgt Ion:168 Resp: 166612
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#16
Acetone
Concen: 39.919 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

Tgt Ion: 43 Resp: 39162
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1

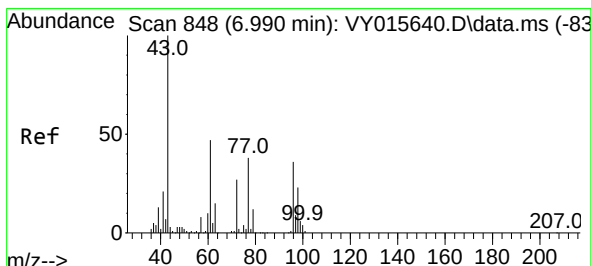
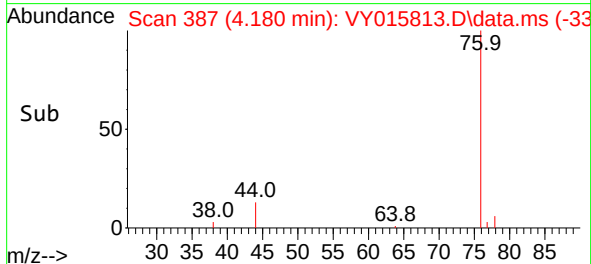
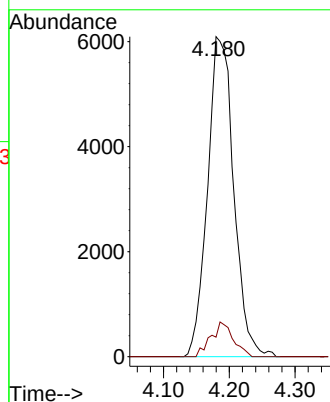
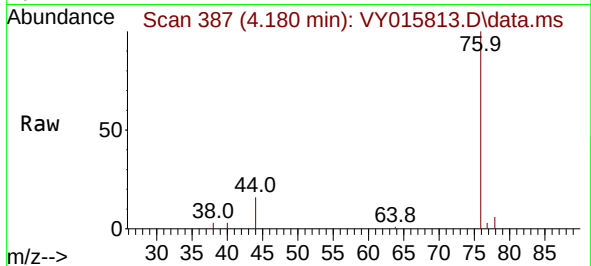




#17
Carbon Disulfide
Concen: 5.943 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

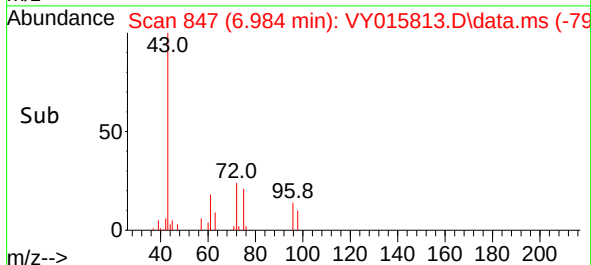
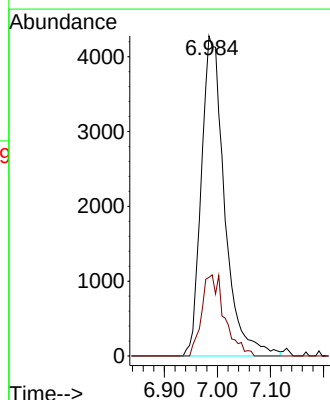
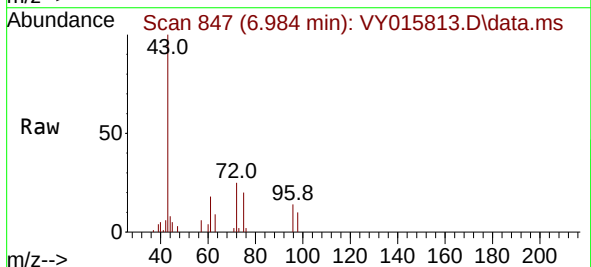
Instrument :
MSVOA_Y
ClientSampleId :
S-4(0-5)

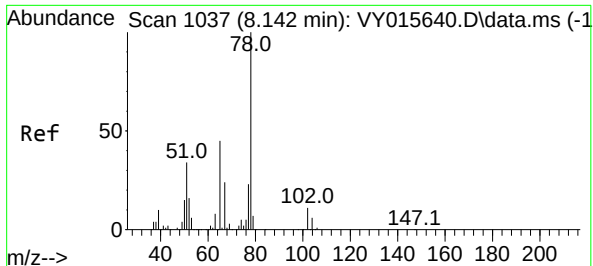
Tgt Ion: 76 Resp: 16922
Ion Ratio Lower Upper
76 100
78 6.1 7.0 10.4#



#25
2-Butanone
Concen: 9.381 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

Tgt Ion: 43 Resp: 13009
Ion Ratio Lower Upper
43 100
72 24.5 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 58.167 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY015813.D

Acq: 03 Oct 2023 18:06

Instrument :

MSVOA_Y

ClientSampleId :

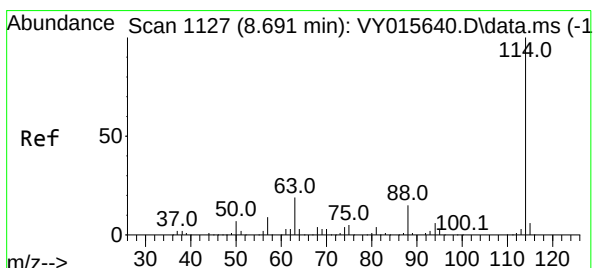
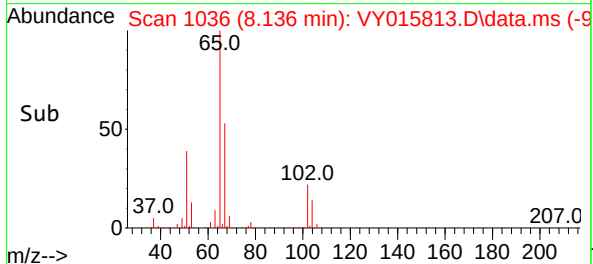
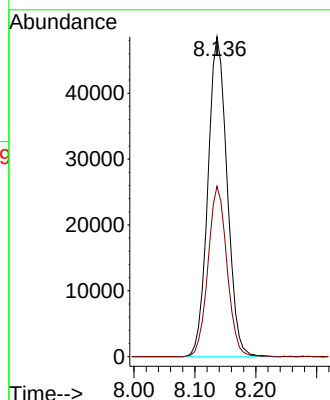
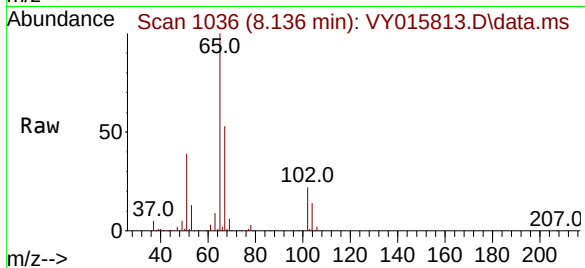
S-4(0-5)

Tgt Ion: 65 Resp: 106631

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015813.D

Acq: 03 Oct 2023 18:06

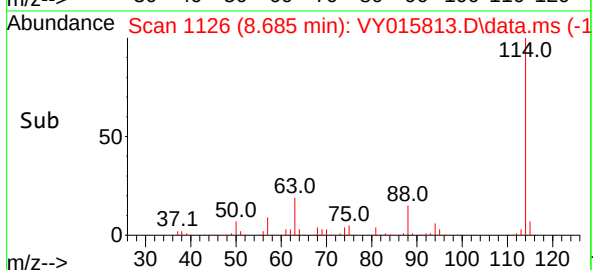
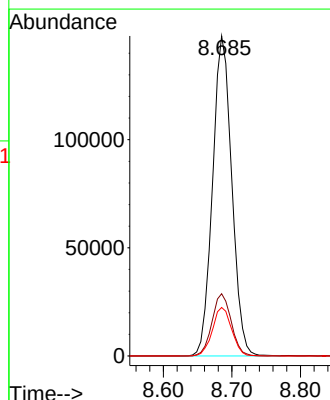
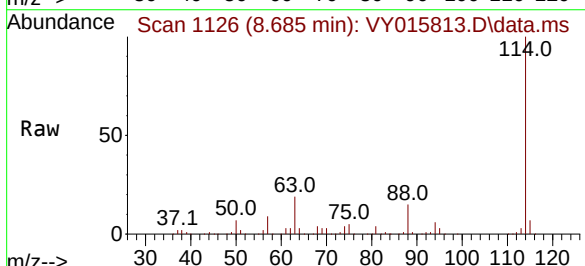
Tgt Ion: 114 Resp: 288307

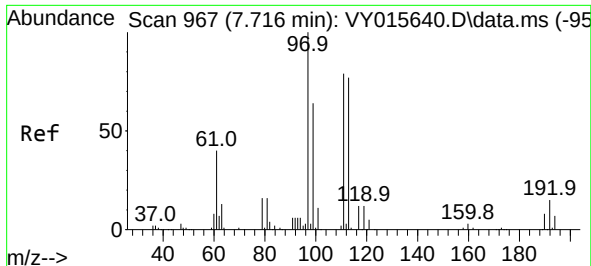
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.1 0.0 30.6

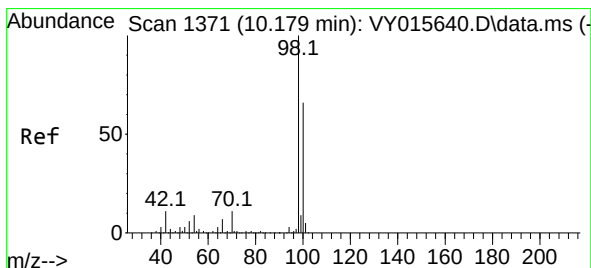
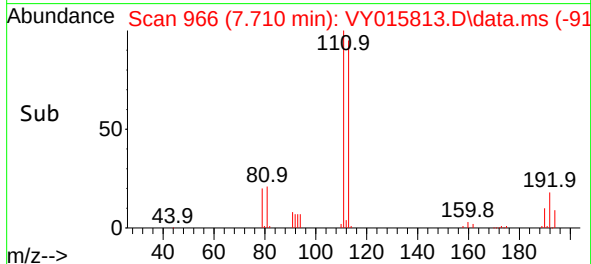
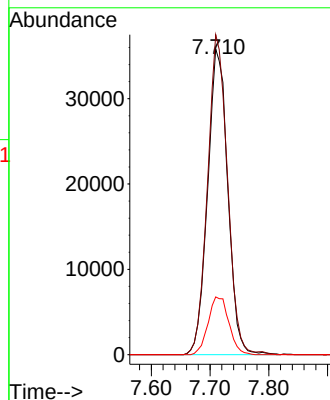
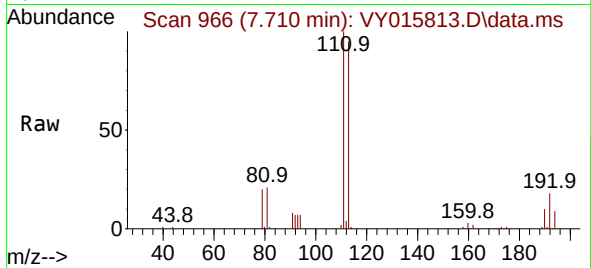




#35
Dibromofluoromethane
Concen: 49.598 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

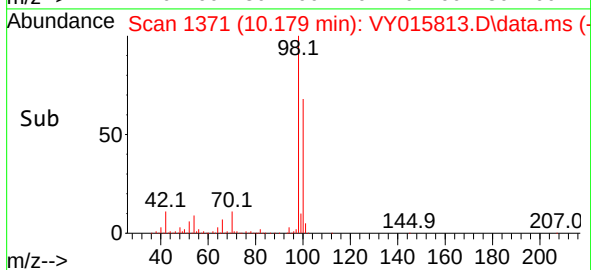
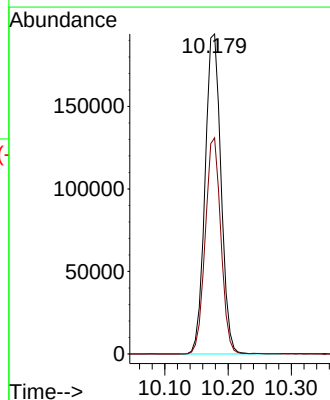
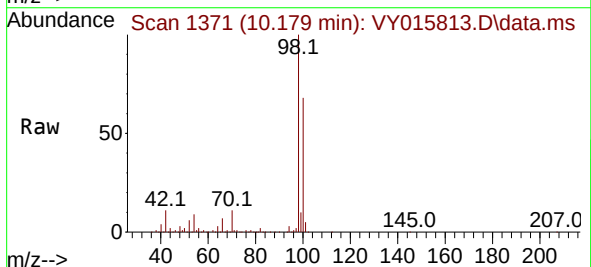
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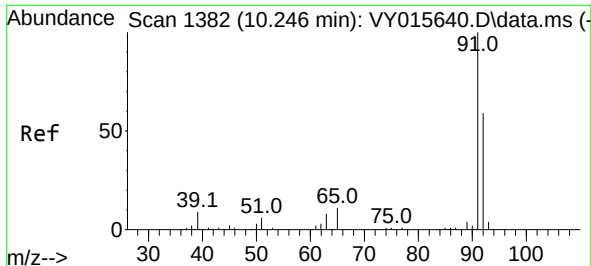
Tgt Ion:113 Resp: 85587
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 58.079 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

Tgt Ion: 98 Resp: 339818
Ion Ratio Lower Upper
98 100
100 66.1 50.1 75.1

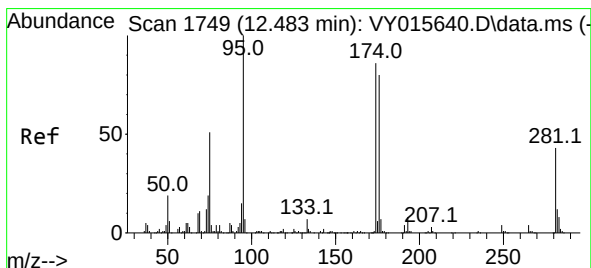
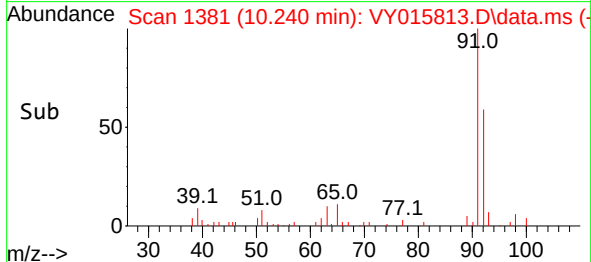
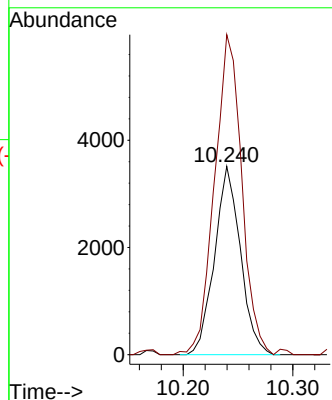
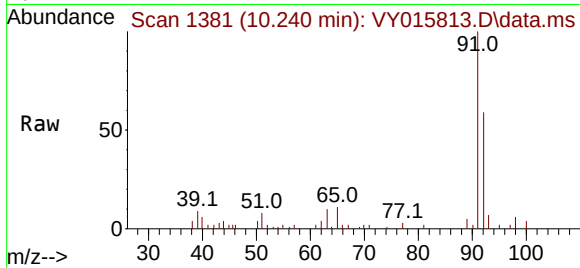




#52
Toluene
Concen: 1.150 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

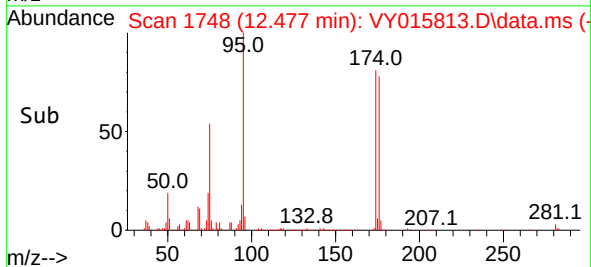
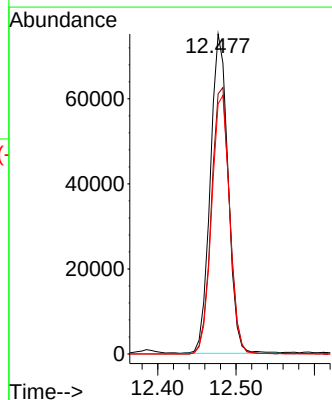
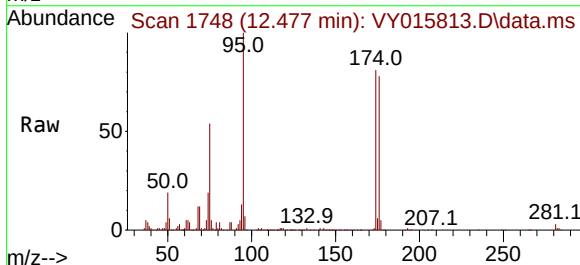
Instrument :
MSVOA_Y
ClientSampleId :
S-4(0-5)

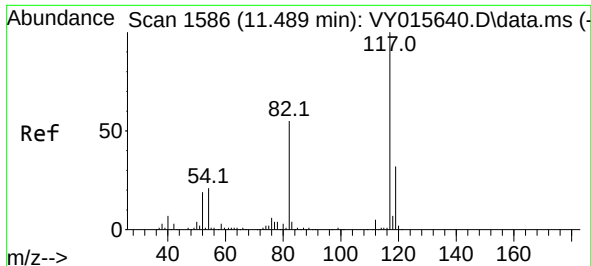
Tgt Ion: 92 Resp: 5771
Ion Ratio Lower Upper
92 100
91 178.3 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 51.445 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

Tgt Ion: 95 Resp: 118124
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.1 0.0 173.8

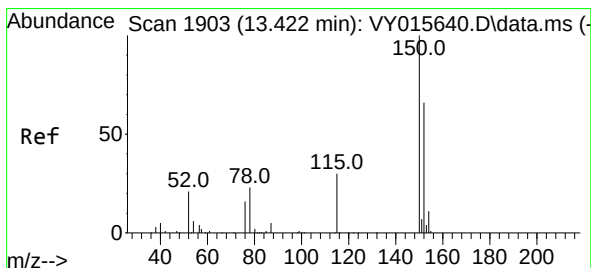
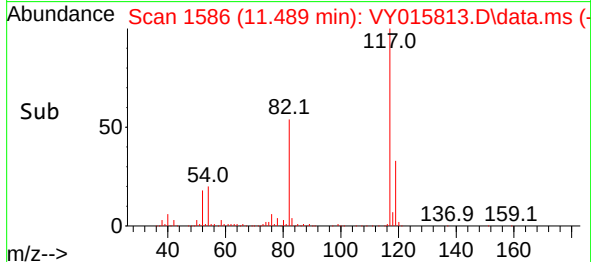
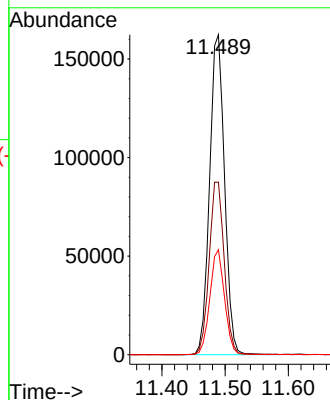
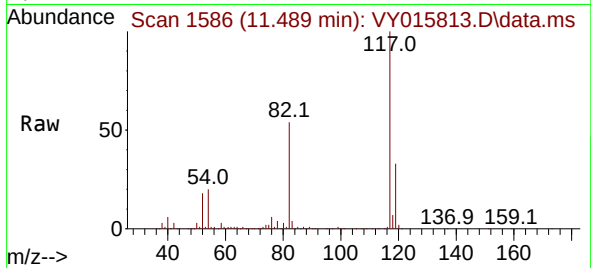




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

Instrument :
MSVOA_Y
ClientSampleId :
S-4(0-5)

Tgt Ion:117 Resp: 266962
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015813.D
Acq: 03 Oct 2023 18:06

Tgt Ion:152 Resp: 120788
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.5
150 157.3 0.0 348.8

