

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009483.D
 Acq On : 08 Jul 2022 15:24
 Operator : KP/MD
 Sample : N3595-03
 Misc : 6.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220487C-5C

Quant Time: Jul 11 02:14:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

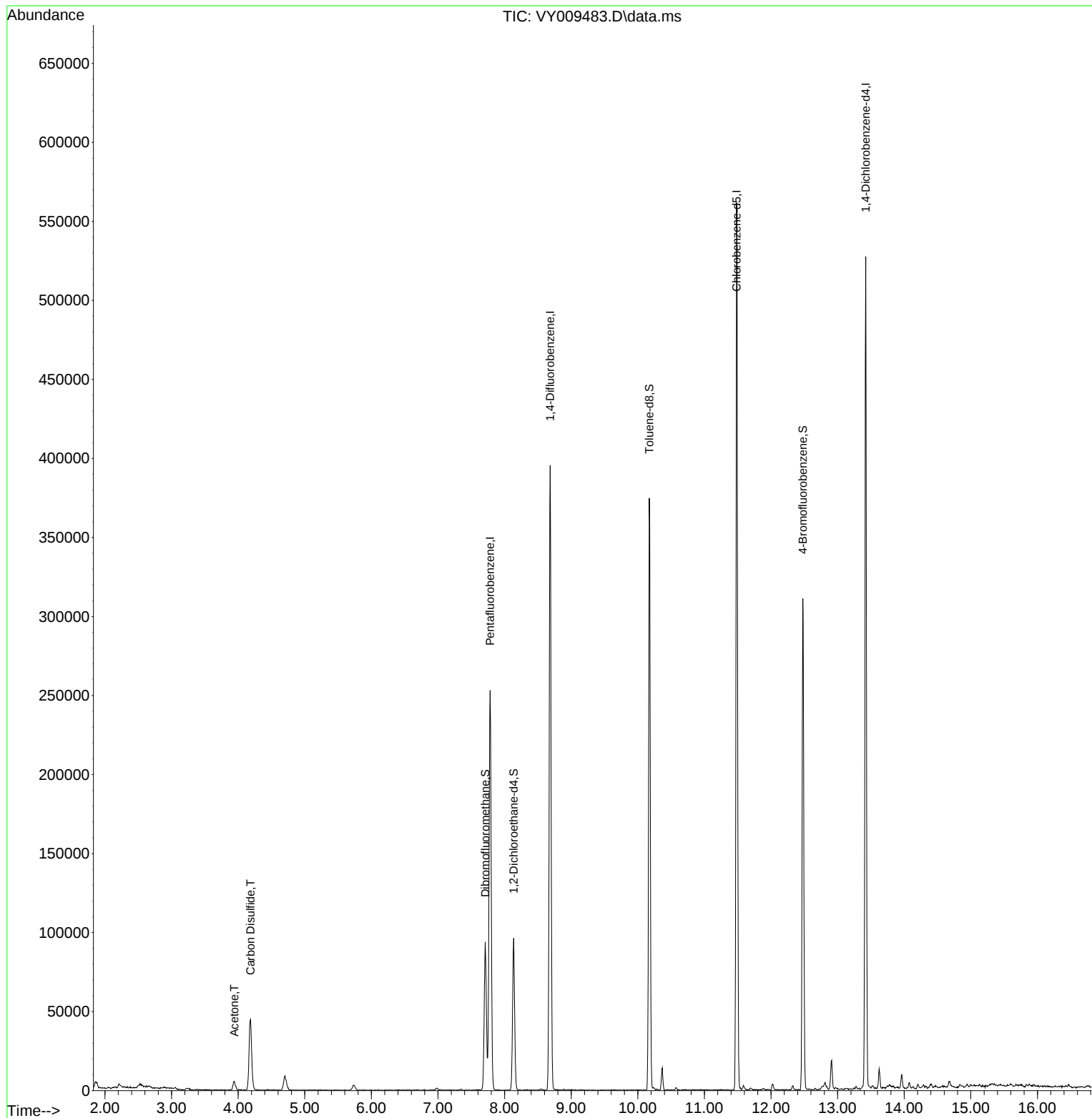
Internal Standards						
1) Pentafluorobenzene	7.783	168	201622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	294442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70268	49.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.800%
35) Dibromofluoromethane	7.710	113	63261	36.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.680%
50) Toluene-d8	10.173	98	239480	50.210	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.477	95	76288	31.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	62.100%
Target Compounds						Qvalue
16) Acetone	3.942	43	9340	19.043	ug/l #	79
17) Carbon Disulfide	4.186	76	91636	19.662	ug/l	100

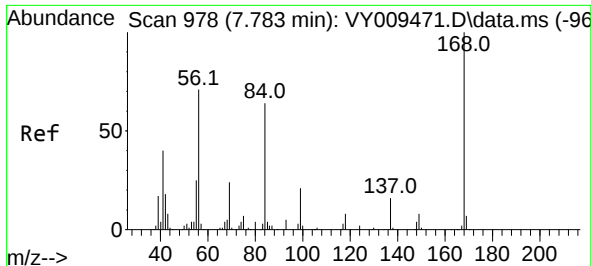
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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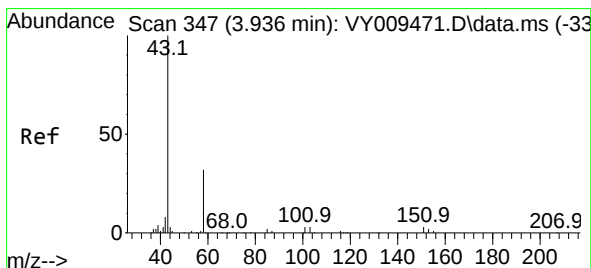
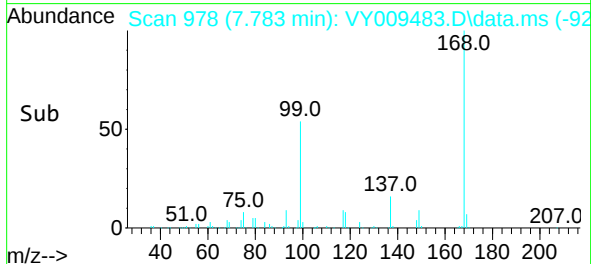
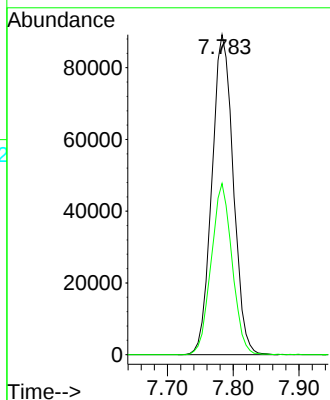
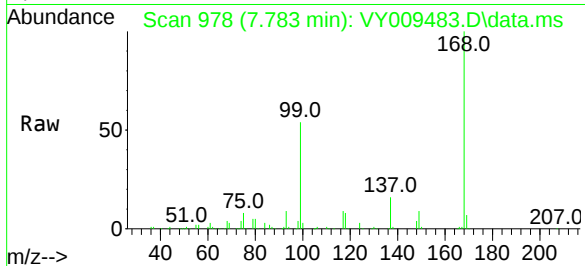




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

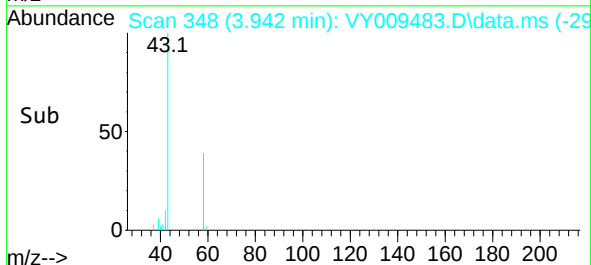
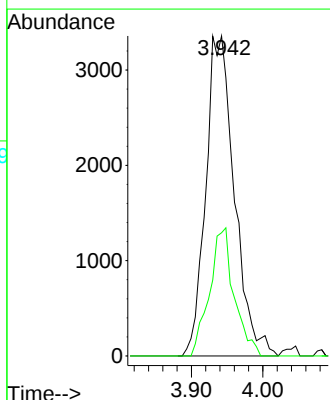
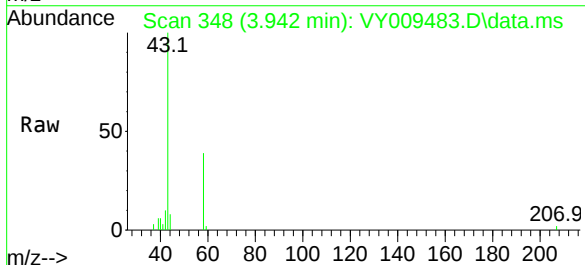
Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

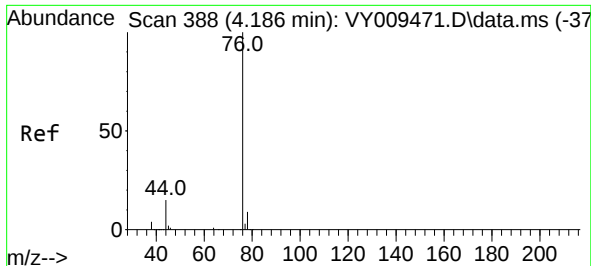
Tgt Ion:168 Resp: 201622
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#16
Acetone
Concen: 19.043 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion: 43 Resp: 9340
Ion Ratio Lower Upper
43 100
58 38.5 22.0 33.0#

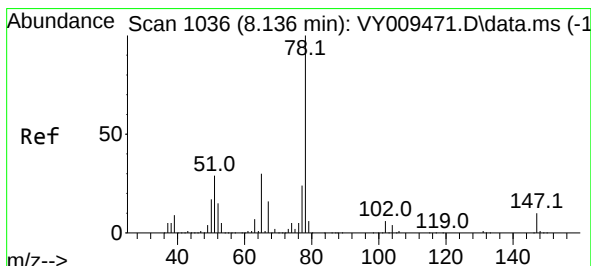
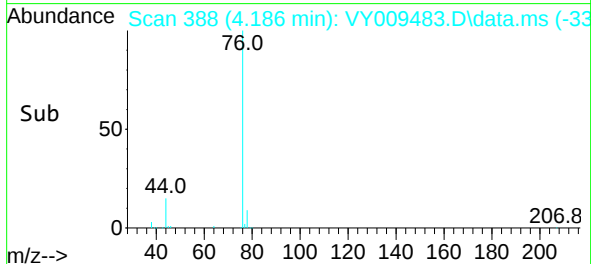
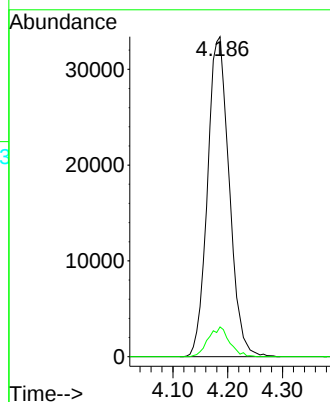
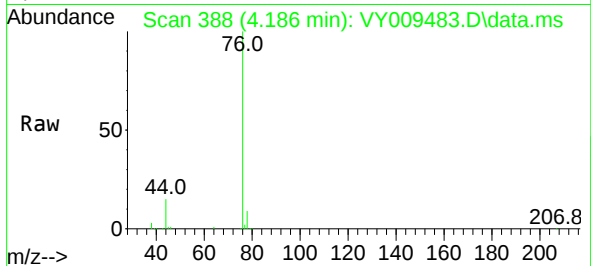




#17
Carbon Disulfide
Concen: 19.662 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

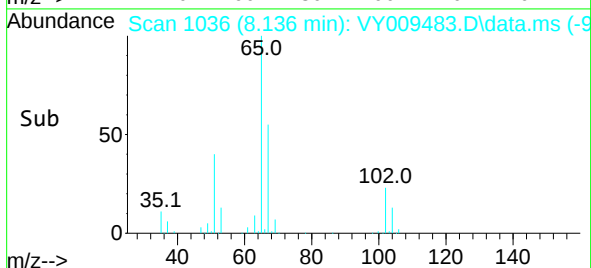
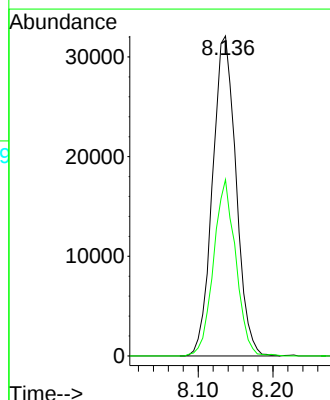
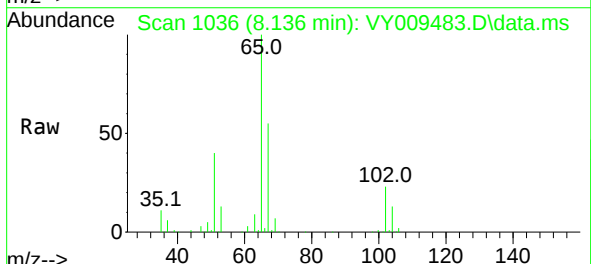
Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

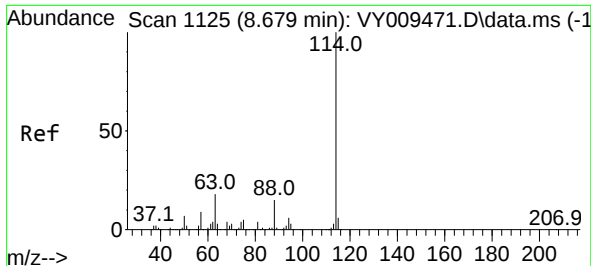
Tgt Ion: 76 Resp: 91636
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 49.397 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion: 65 Resp: 70268
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4

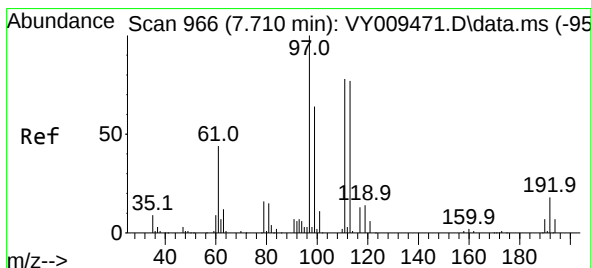
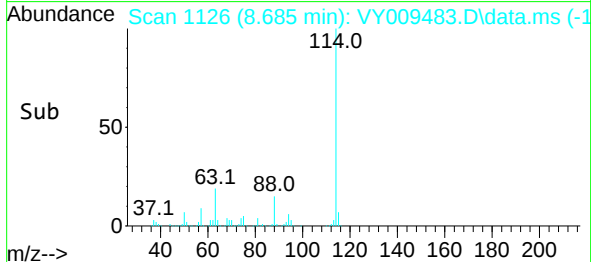
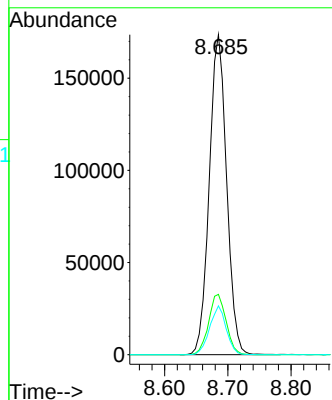
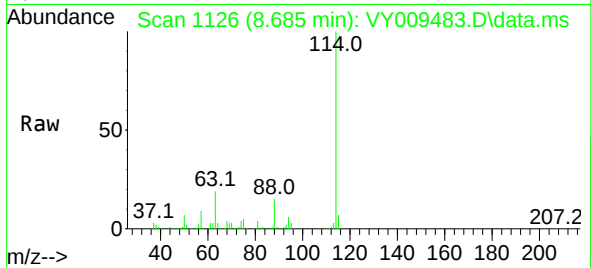




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

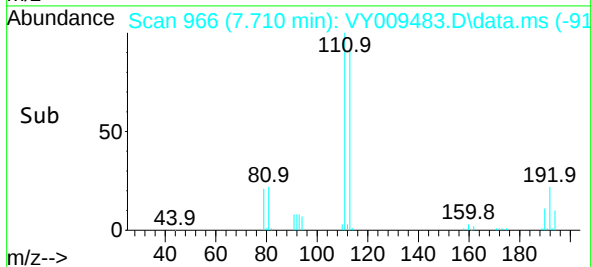
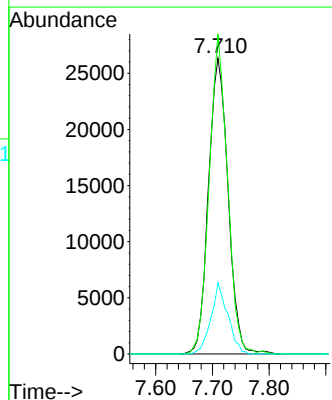
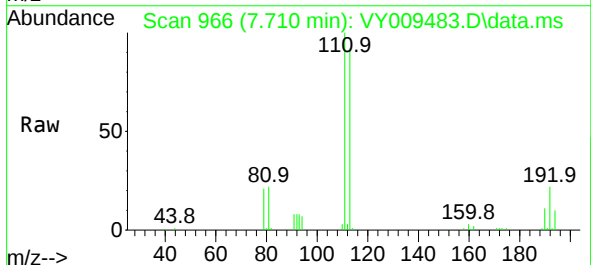
Instrument :
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ClientSampleId :
20220487C-5C

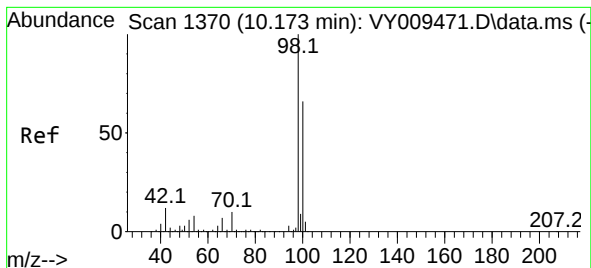
Tgt Ion:114 Resp: 330839
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 36.341 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion:113 Resp: 63261
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 20.8 17.6 26.4

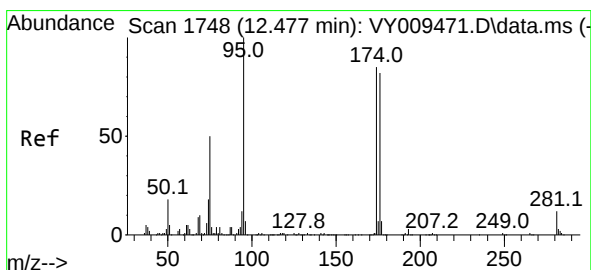
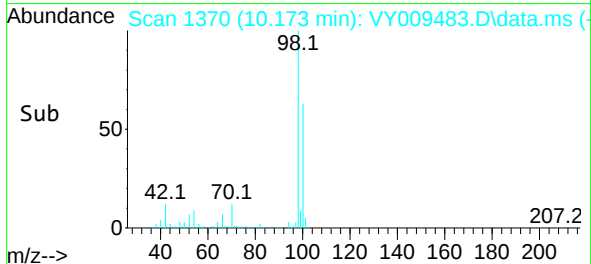
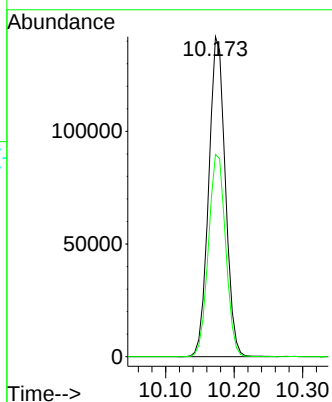
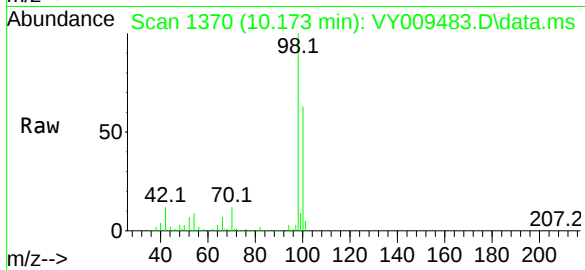




#50
Toluene-d8
Concen: 50.210 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

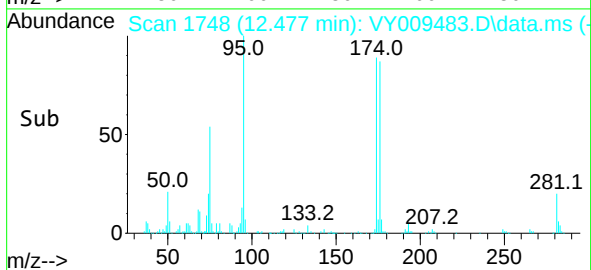
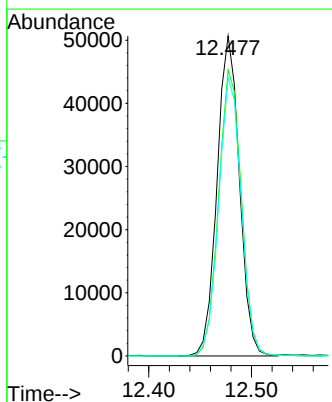
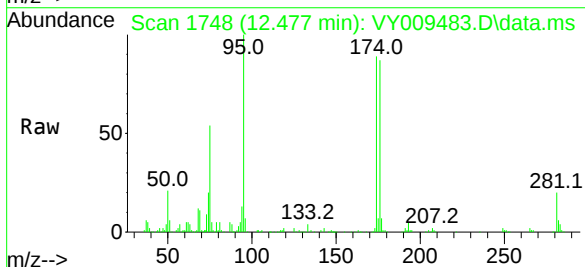
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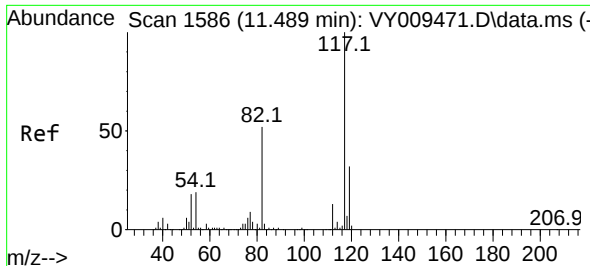
Tgt Ion: 98 Resp: 239480
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.046 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion: 95 Resp: 76288
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 88.1 0.0 175.8

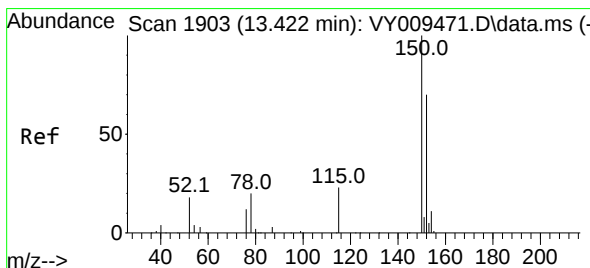
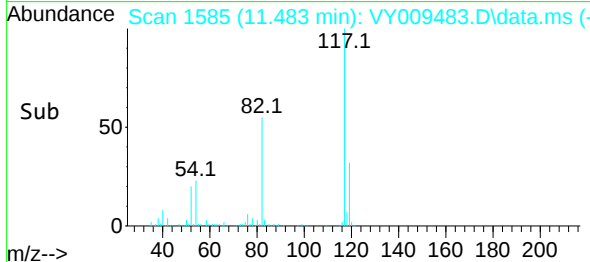
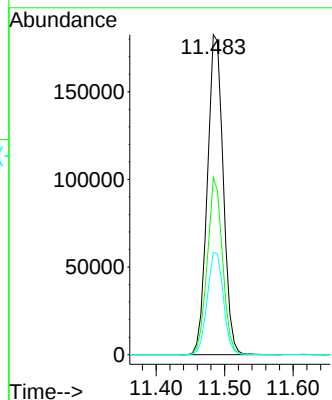
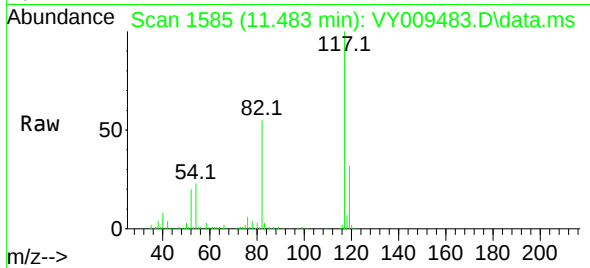




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :
20220487C-5C

Tgt Ion:117 Resp: 294442
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009483.D
Acq: 08 Jul 2022 15:24

Tgt Ion:152 Resp: 130804
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 157.0 0.0 347.6

