

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009748.D
 Acq On : 28 Jul 2022 14:04
 Operator : KP/MD
 Sample : N3883-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-072522

Quant Time: Jul 28 14:34:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

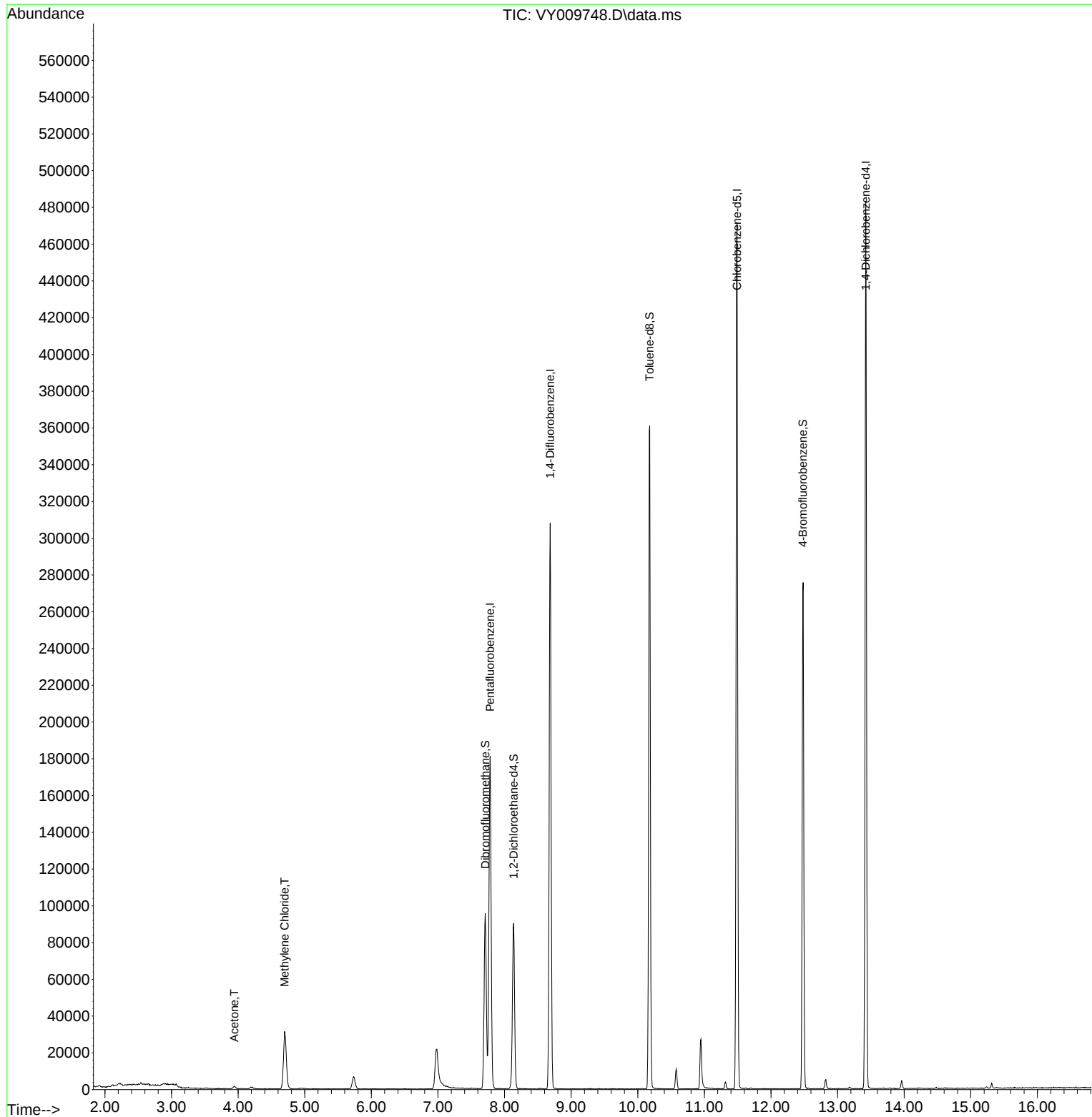
Internal Standards						
1) Pentafluorobenzene	7.783	168	149240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	67665	70.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.400%
35) Dibromofluoromethane	7.710	113	65740	44.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.179	98	240088	56.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.600%
62) 4-Bromofluorobenzene	12.477	95	79451	40.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	80.660%
Target Compounds						
16) Acetone	3.942	43	2368	6.614	ug/l	96
20) Methylene Chloride	4.698	84	23233	4.322	ug/l	86

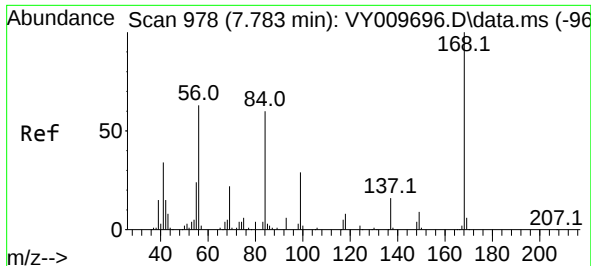
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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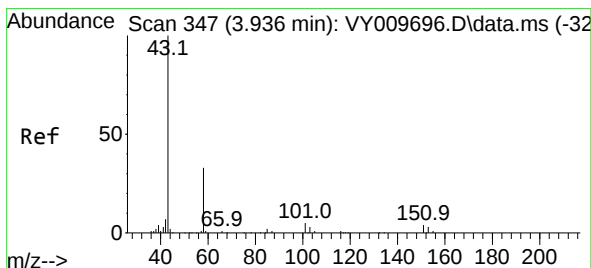
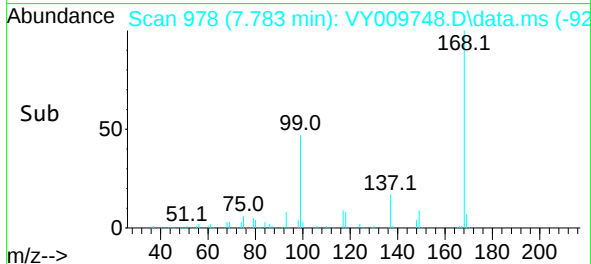
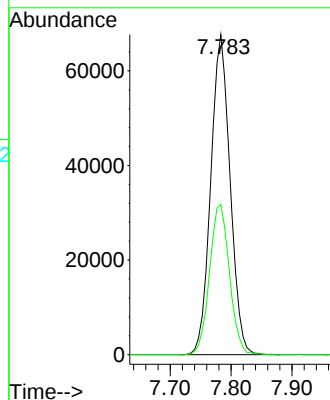
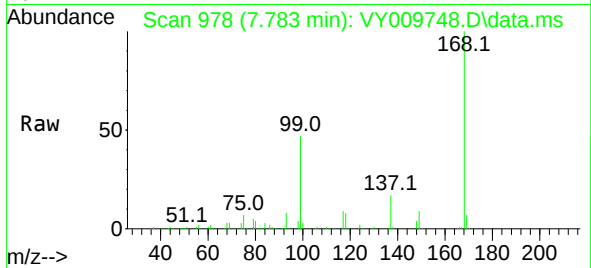




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009748.D
Acq: 28 Jul 2022 14:04

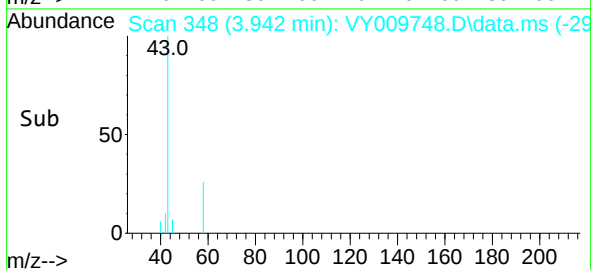
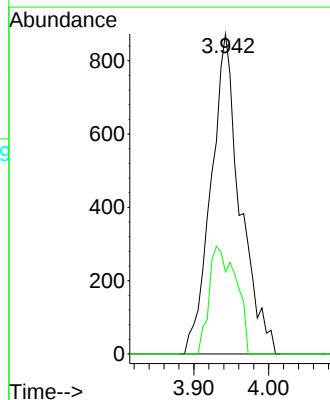
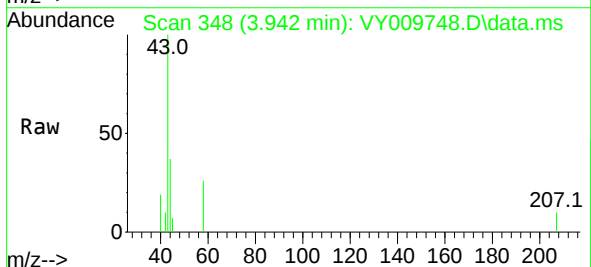
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-072522

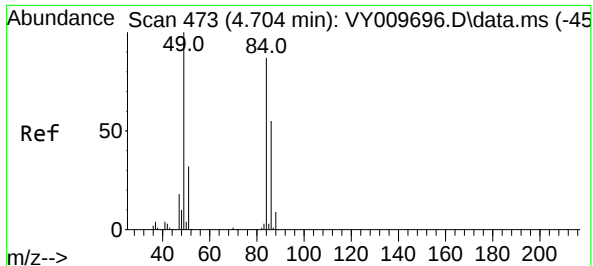
Tgt Ion:168 Resp: 149240
Ion Ratio Lower Upper
168 100
99 47.0 46.9 70.3



#16
Acetone
Concen: 6.614 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009748.D
Acq: 28 Jul 2022 14:04

Tgt Ion: 43 Resp: 2368
Ion Ratio Lower Upper
43 100
58 25.7 22.0 33.0

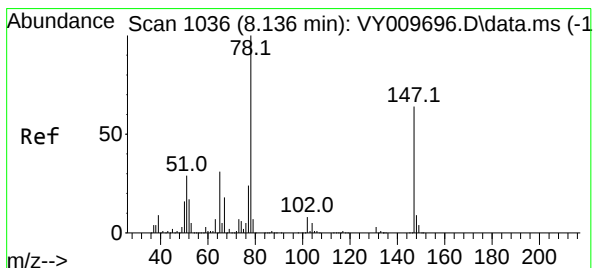
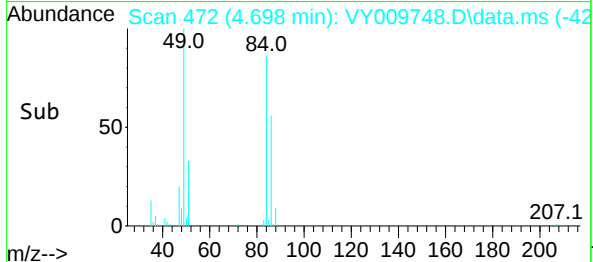
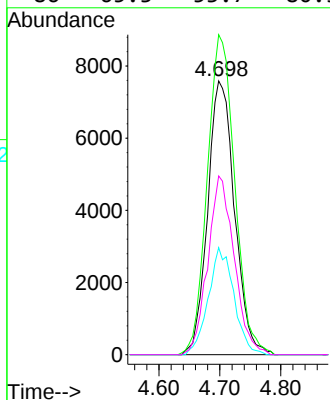
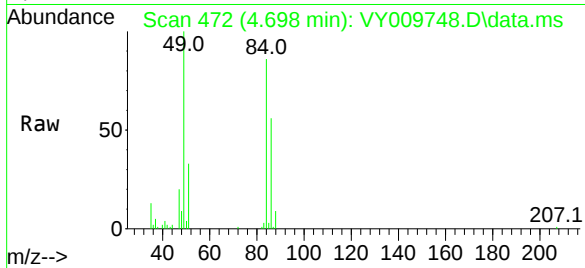




#20
Methylene Chloride
Concen: 4.322 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009748.D
Acq: 28 Jul 2022 14:04

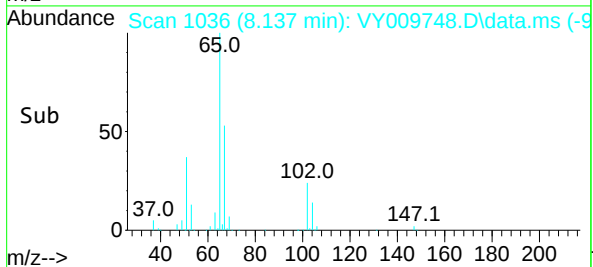
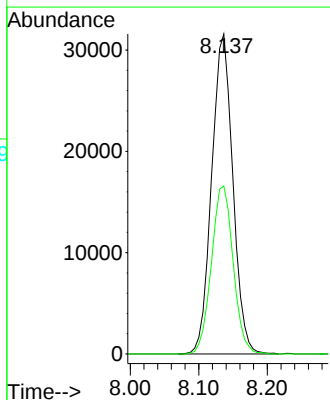
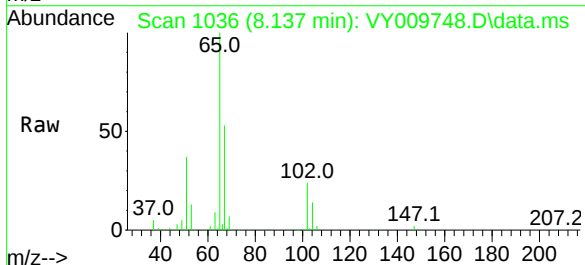
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-072522

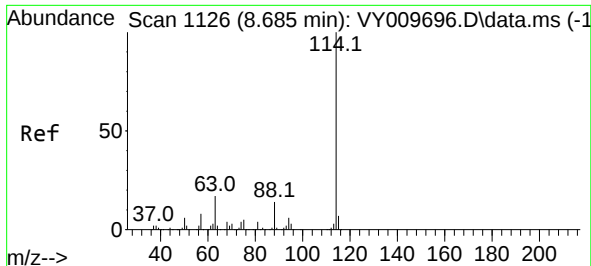
Tgt Ion: 84 Resp: 23233
Ion Ratio Lower Upper
84 100
49 116.9 114.4 171.6
51 39.1 35.3 52.9
86 65.3 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 70.197 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009748.D
Acq: 28 Jul 2022 14:04

Tgt Ion: 65 Resp: 67665
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009748.D

Acq: 28 Jul 2022 14:04

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-072522

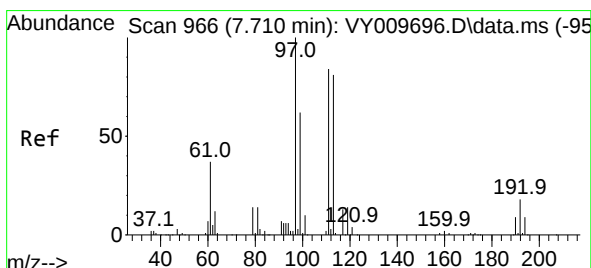
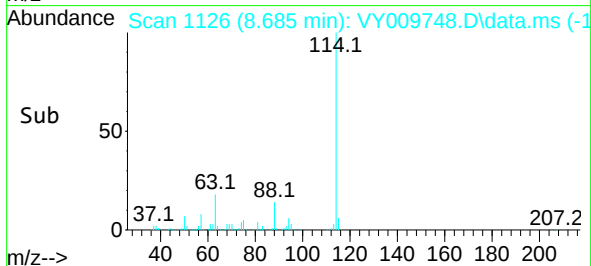
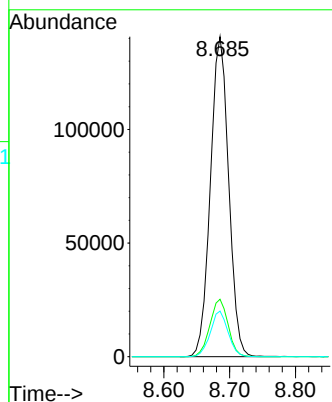
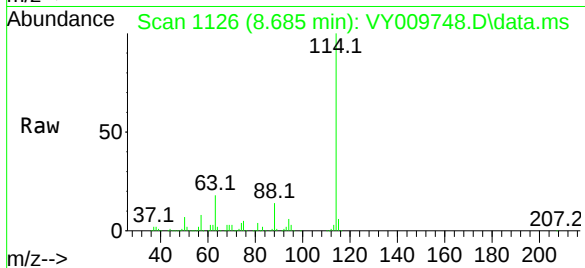
Tgt Ion:114 Resp: 271844

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.363 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009748.D

Acq: 28 Jul 2022 14:04

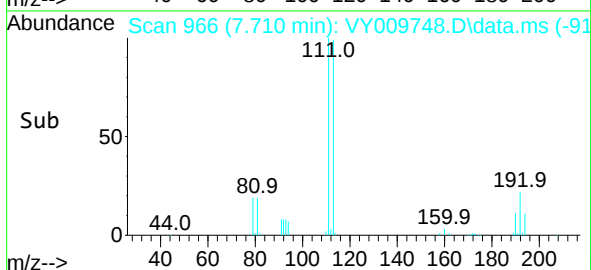
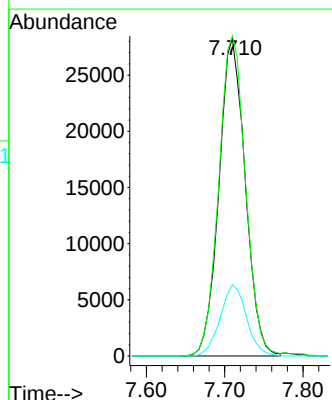
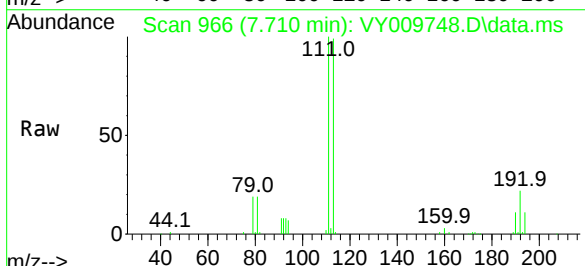
Tgt Ion:113 Resp: 65740

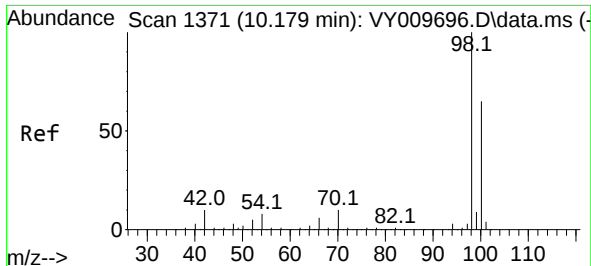
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 22.5 17.6 26.4

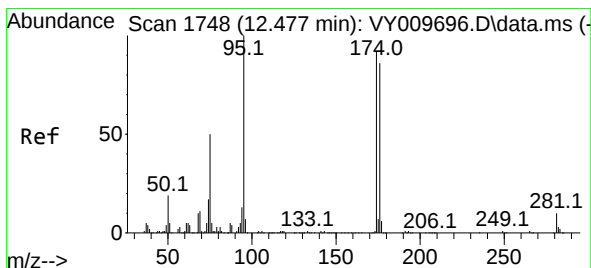
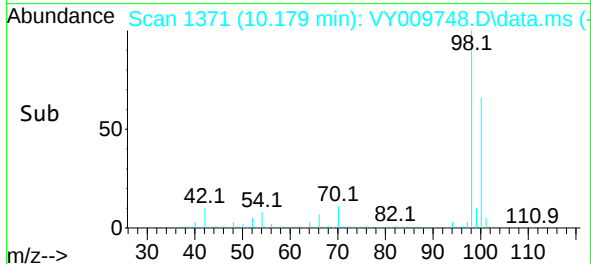
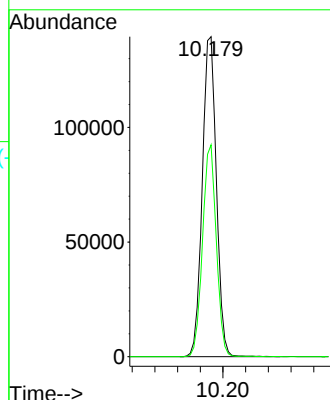
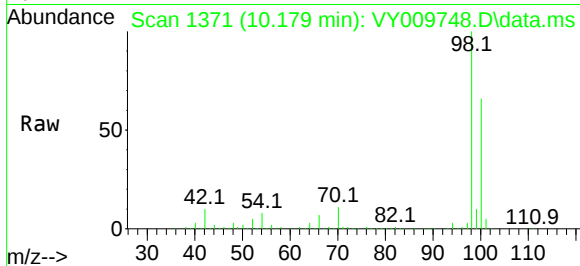




#50
Toluene-d8
Concen: 56.305 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009748.D
Acq: 28 Jul 2022 14:04

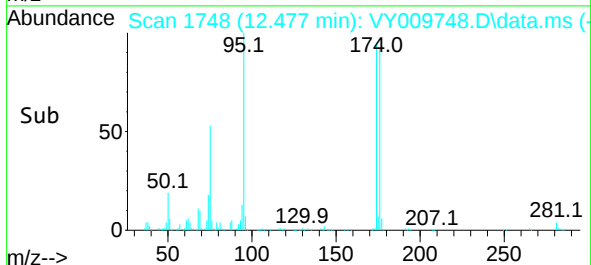
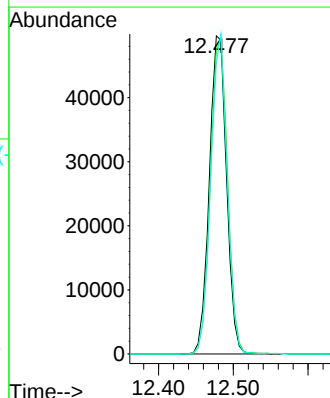
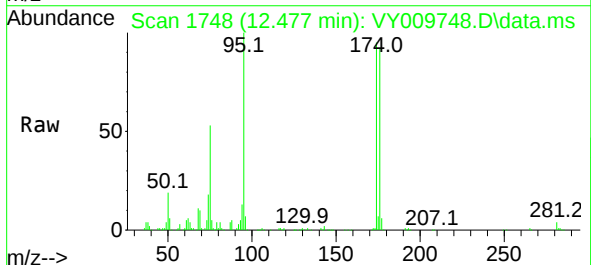
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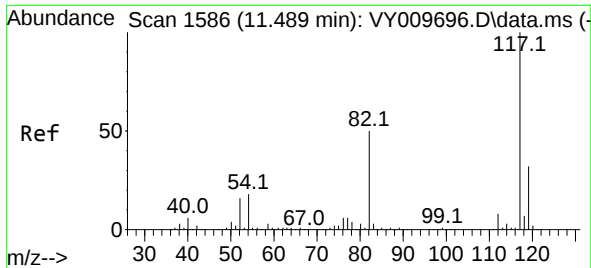
Tgt Ion: 98 Resp: 240088
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.333 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009748.D
Acq: 28 Jul 2022 14:04

Tgt Ion: 95 Resp: 79451
Ion Ratio Lower Upper
95 100
174 98.8 0.0 177.0
176 95.5 0.0 175.8

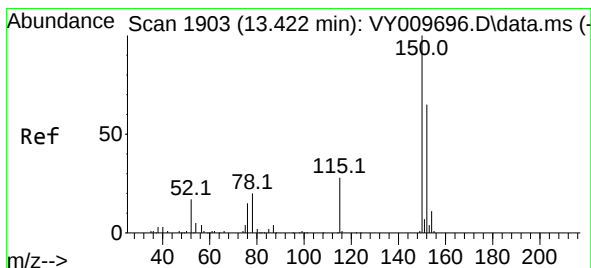
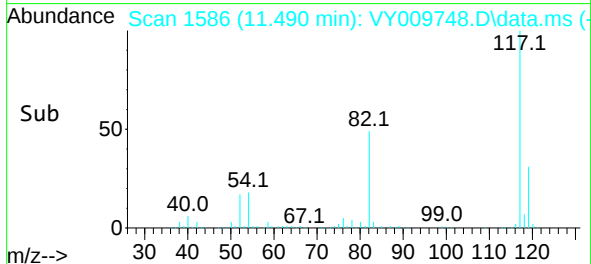
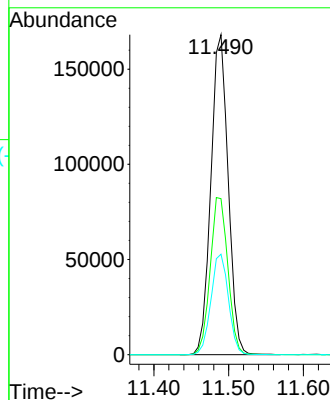
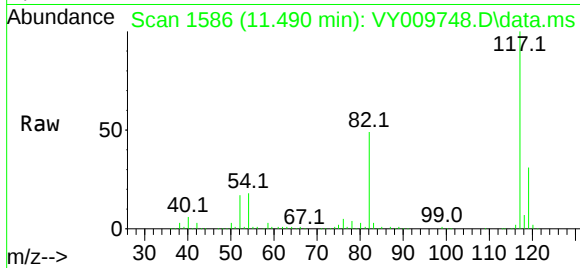




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009748.D
Acq: 28 Jul 2022 14:04

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-072522

Tgt Ion:117 Resp: 269455
Ion Ratio Lower Upper
117 100
82 48.8 43.0 64.4
119 31.4 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: VY009748.D
Acq: 28 Jul 2022 14:04

Tgt Ion:152 Resp: 127528
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 156.5 0.0 347.6

