

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009919.D
 Acq On : 09 Aug 2022 14:58
 Operator : KP/MD
 Sample : N4061-03
 Misc : 3.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP1-0804

Quant Time: Aug 09 23:06:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

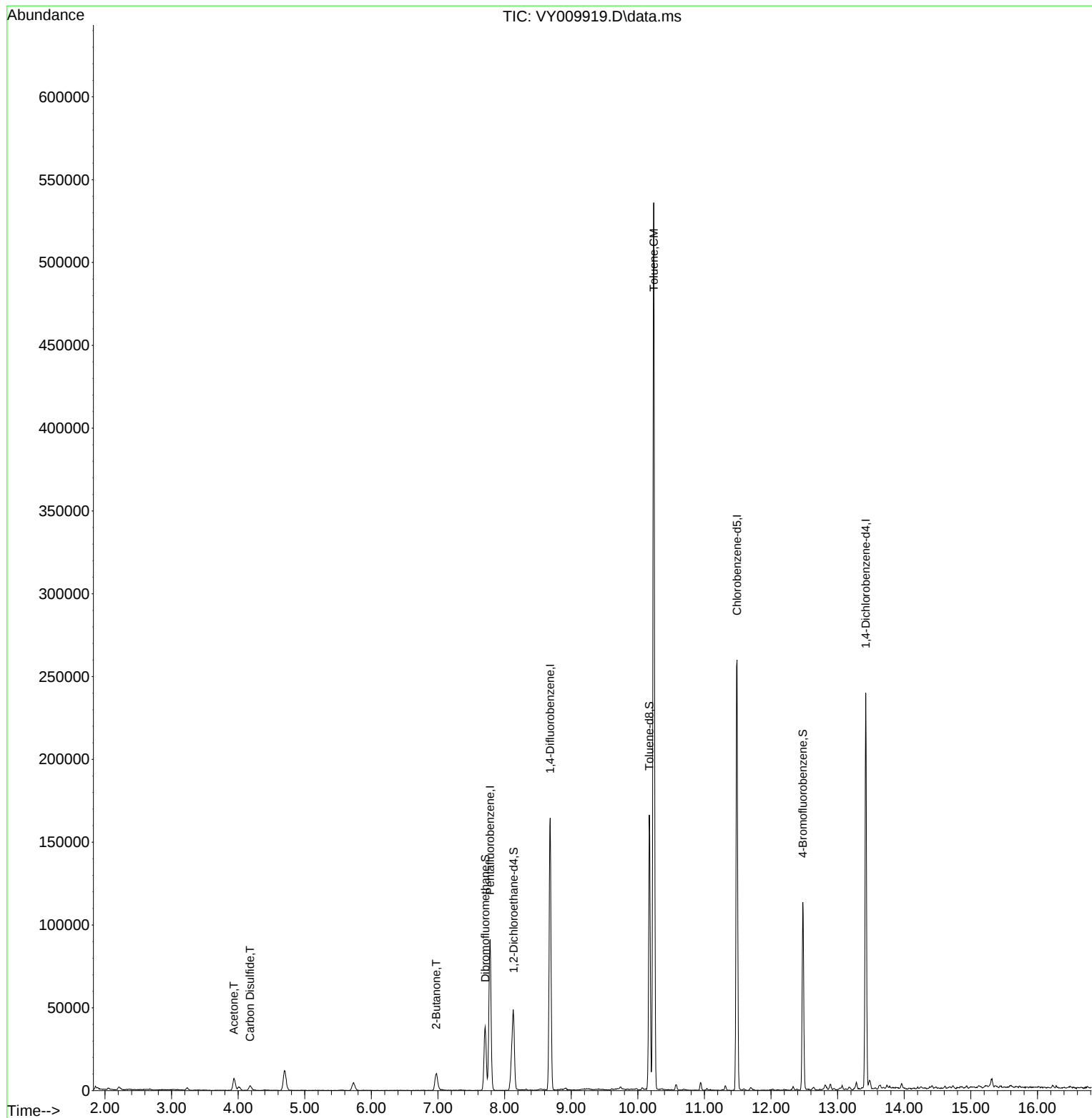
Internal Standards						
1) Pentafluorobenzene	7.783	168	68307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29559	55.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.920%
35) Dibromofluoromethane	7.710	113	27108	36.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.200%
50) Toluene-d8	10.173	98	102648	44.372	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.740%
62) 4-Bromofluorobenzene	12.477	95	32883	31.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.720%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	12692	65.870	ug/l	91
17) Carbon Disulfide	4.180	76	5026	2.428	ug/l	97
25) 2-Butanone	6.972	43	4963	15.641	ug/l	93
52) Toluene	10.240	92	213754	90.934	ug/l	100

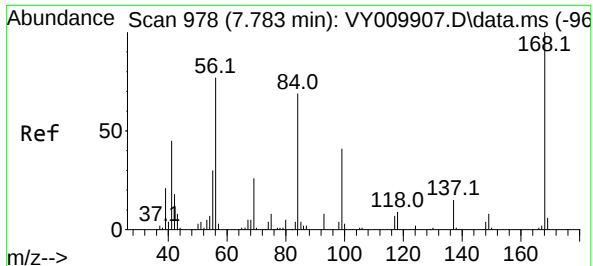
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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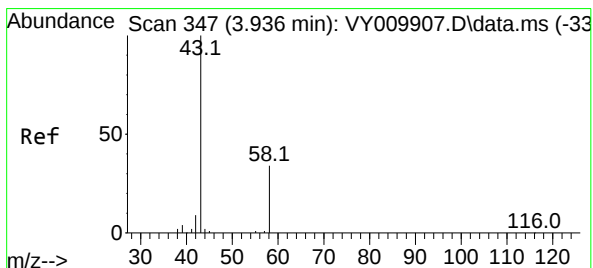
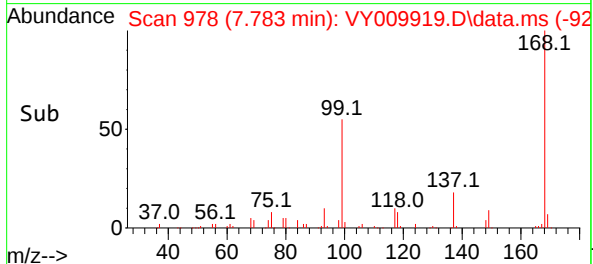
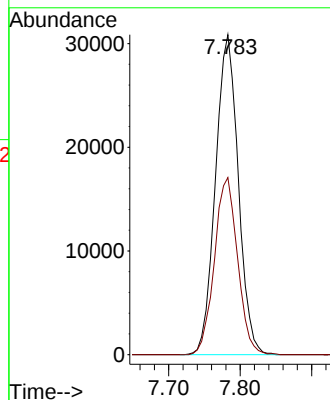
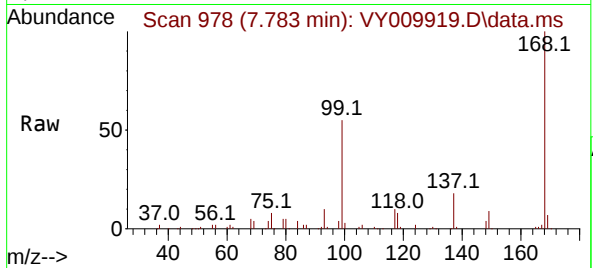




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

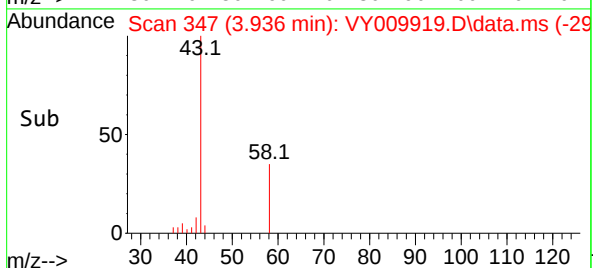
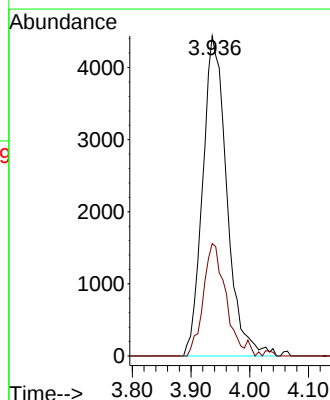
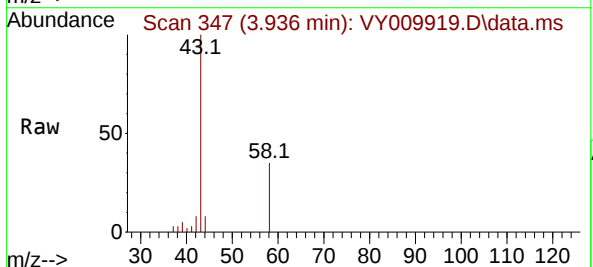
Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

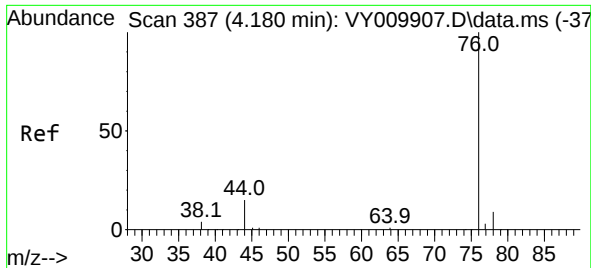
Tgt Ion:168 Resp: 68307
Ion Ratio Lower Upper
168 100
99 55.3 42.1 63.1



#16
Acetone
Concen: 65.870 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 43 Resp: 12692
Ion Ratio Lower Upper
43 100
58 35.1 24.0 36.0

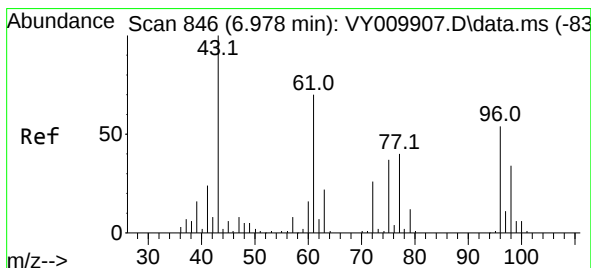
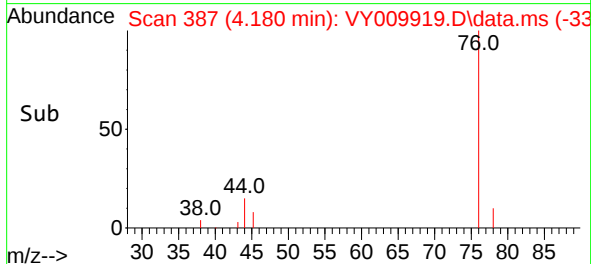
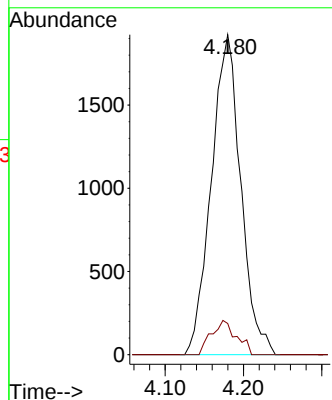
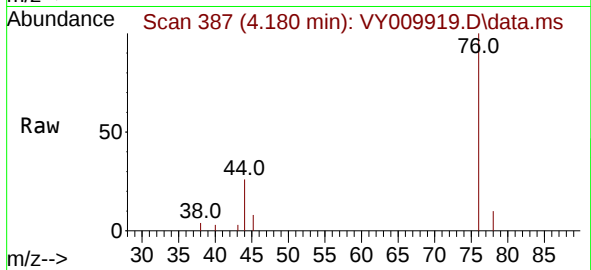




#17
Carbon Disulfide
Concen: 2.428 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.007 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

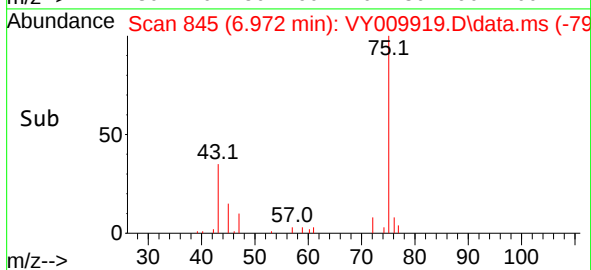
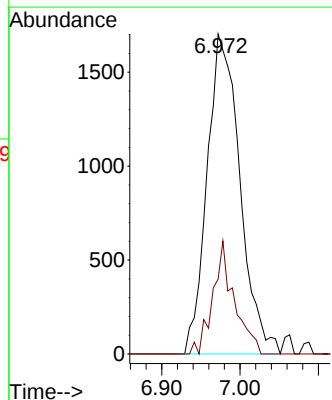
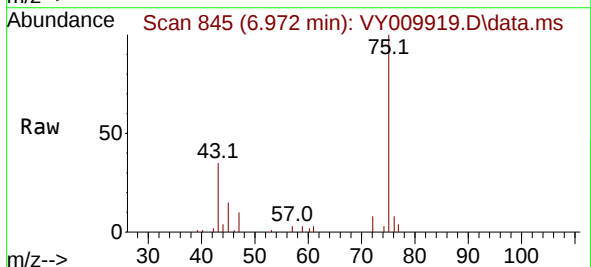
Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

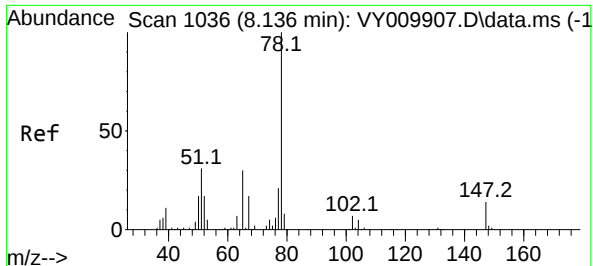
Tgt Ion: 76 Resp: 5026
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#25
2-Butanone
Concen: 15.641 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 43 Resp: 4963
Ion Ratio Lower Upper
43 100
72 23.4 21.5 32.3





#33

1,2-Dichloroethane-d4

Concen: 55.962 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY009919.D

Acq: 09 Aug 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

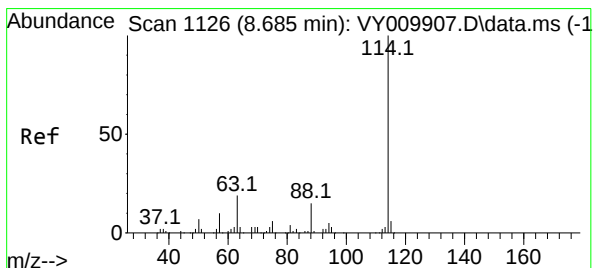
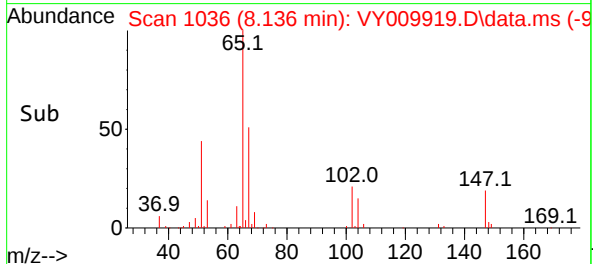
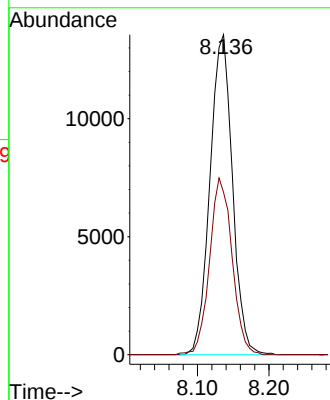
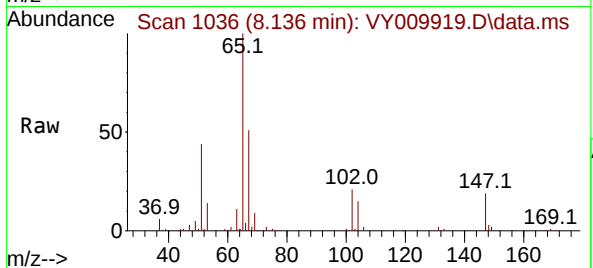
COMP1-0804

Tgt Ion: 65 Resp: 29559

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009919.D

Acq: 09 Aug 2022 14:58

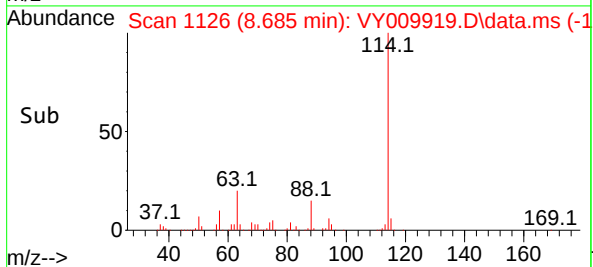
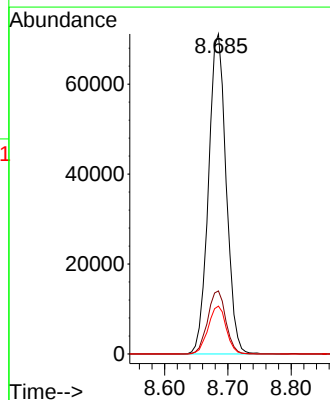
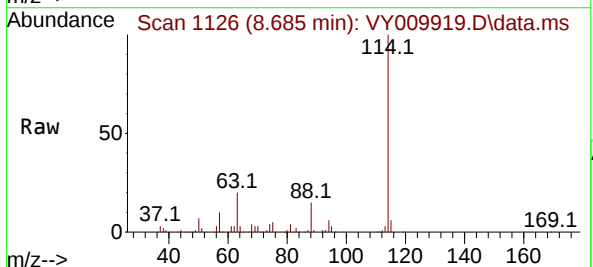
Tgt Ion: 114 Resp: 138324

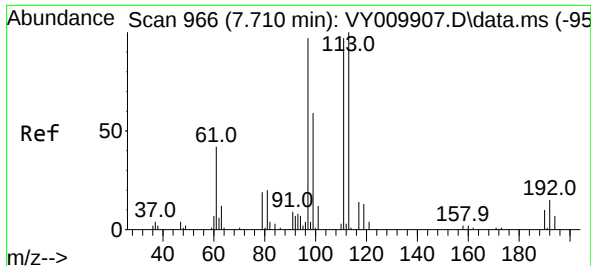
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

88 14.9 0.0 30.0

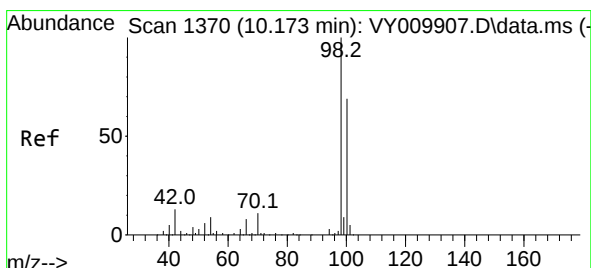
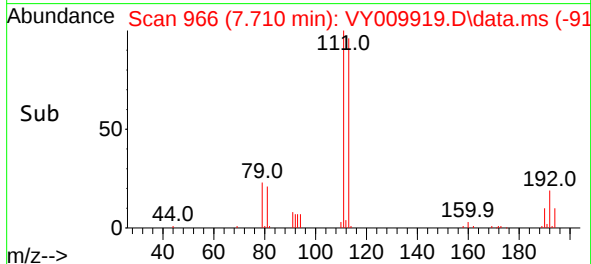
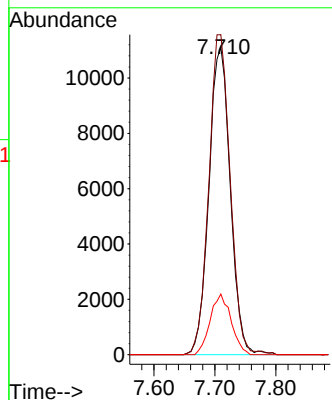
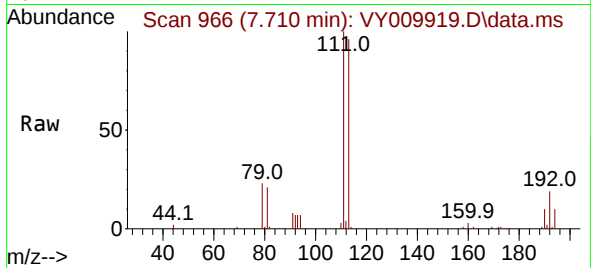




#35
 Dibromofluoromethane
 Concen: 36.101 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: VY009919.D
 Acq: 09 Aug 2022 14:58

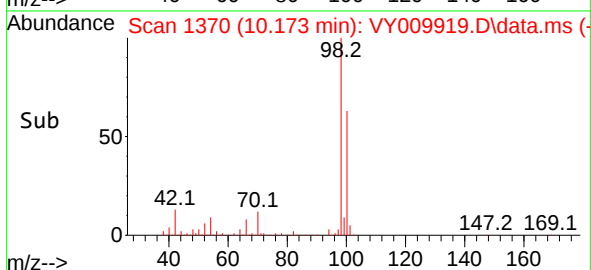
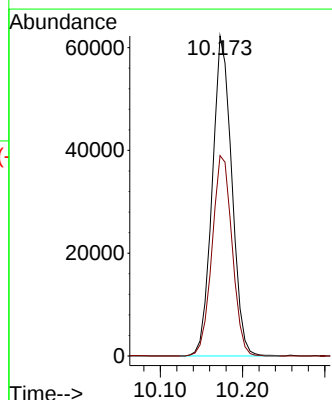
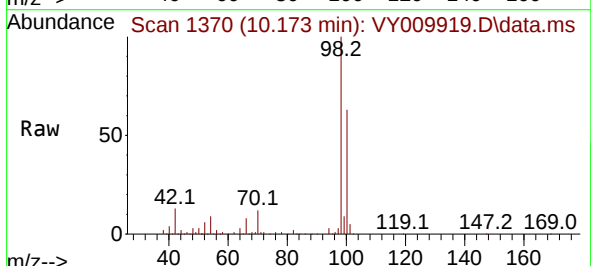
Instrument :
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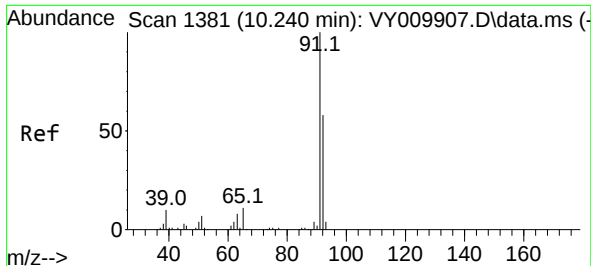
Tgt Ion:113 Resp: 27108
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.6 120.8
 192 19.3 16.2 24.4



#50
 Toluene-d8
 Concen: 44.372 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. 0.001 min
 Lab File: VY009919.D
 Acq: 09 Aug 2022 14:58

Tgt Ion: 98 Resp: 102648
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.9 79.3

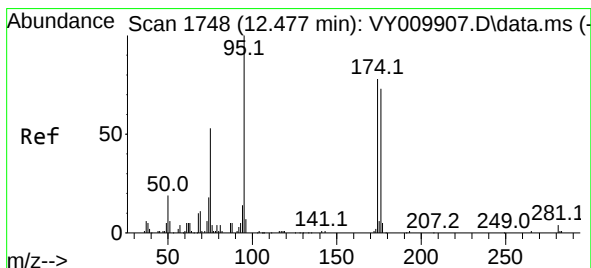
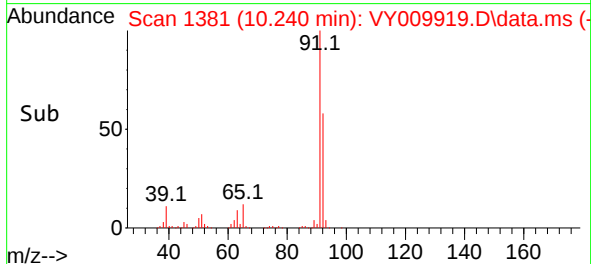
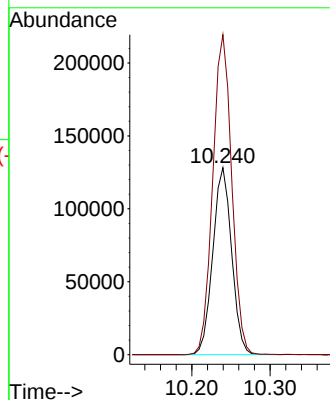
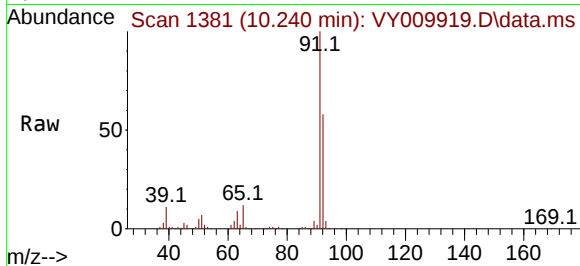




#52
Toluene
Concen: 90.934 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.001 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

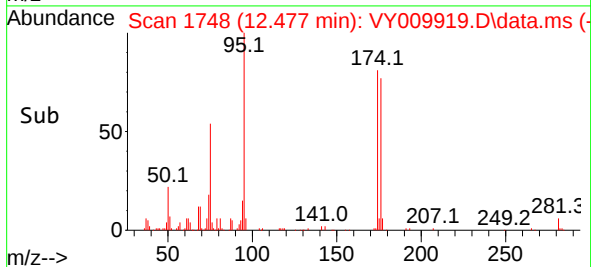
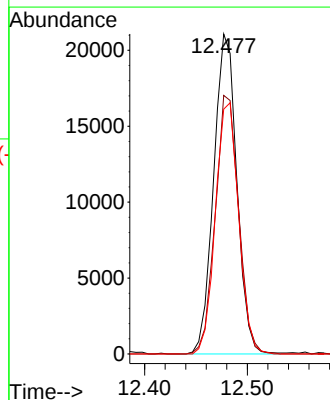
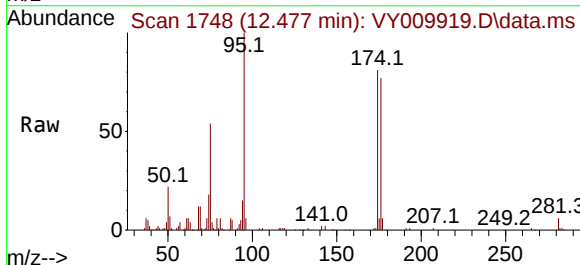
Instrument :
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COMP1-0804

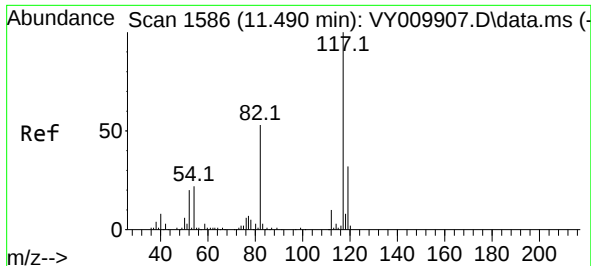
Tgt Ion: 92 Resp: 213754
Ion Ratio Lower Upper
92 100
91 172.9 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 31.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion: 95 Resp: 32883
Ion Ratio Lower Upper
95 100
174 81.7 0.0 173.8
176 78.9 0.0 167.0

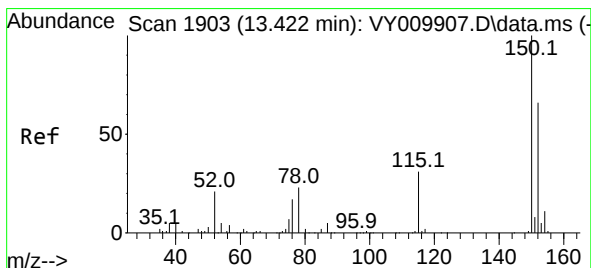
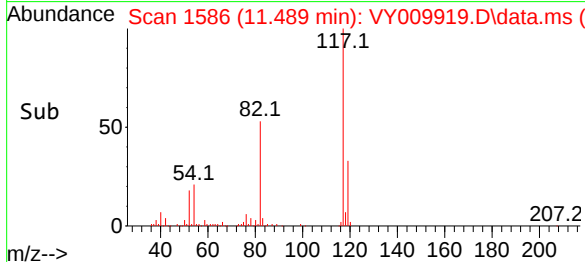
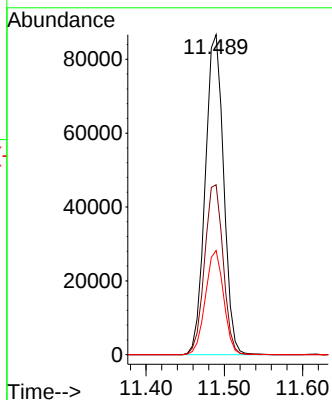
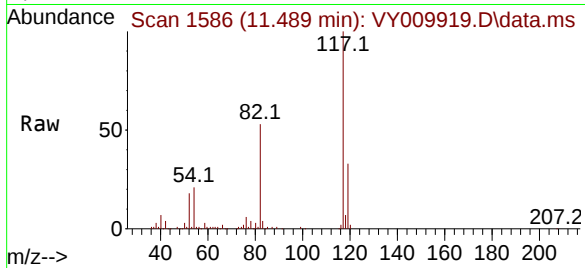




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Instrument :
MSVOA_Y
ClientSampleId :
COMP1-0804

Tgt Ion:117 Resp: 140974
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009919.D
Acq: 09 Aug 2022 14:58

Tgt Ion:152 Resp: 57256
Ion Ratio Lower Upper
152 100
115 58.1 28.6 85.9
150 157.2 0.0 349.8

