

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009534.D
 Acq On : 12 Jul 2022 15:57
 Operator : KP/MD
 Sample : N3597-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220506-COMPOSITE-A

Quant Time: Jul 13 01:15:42 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)

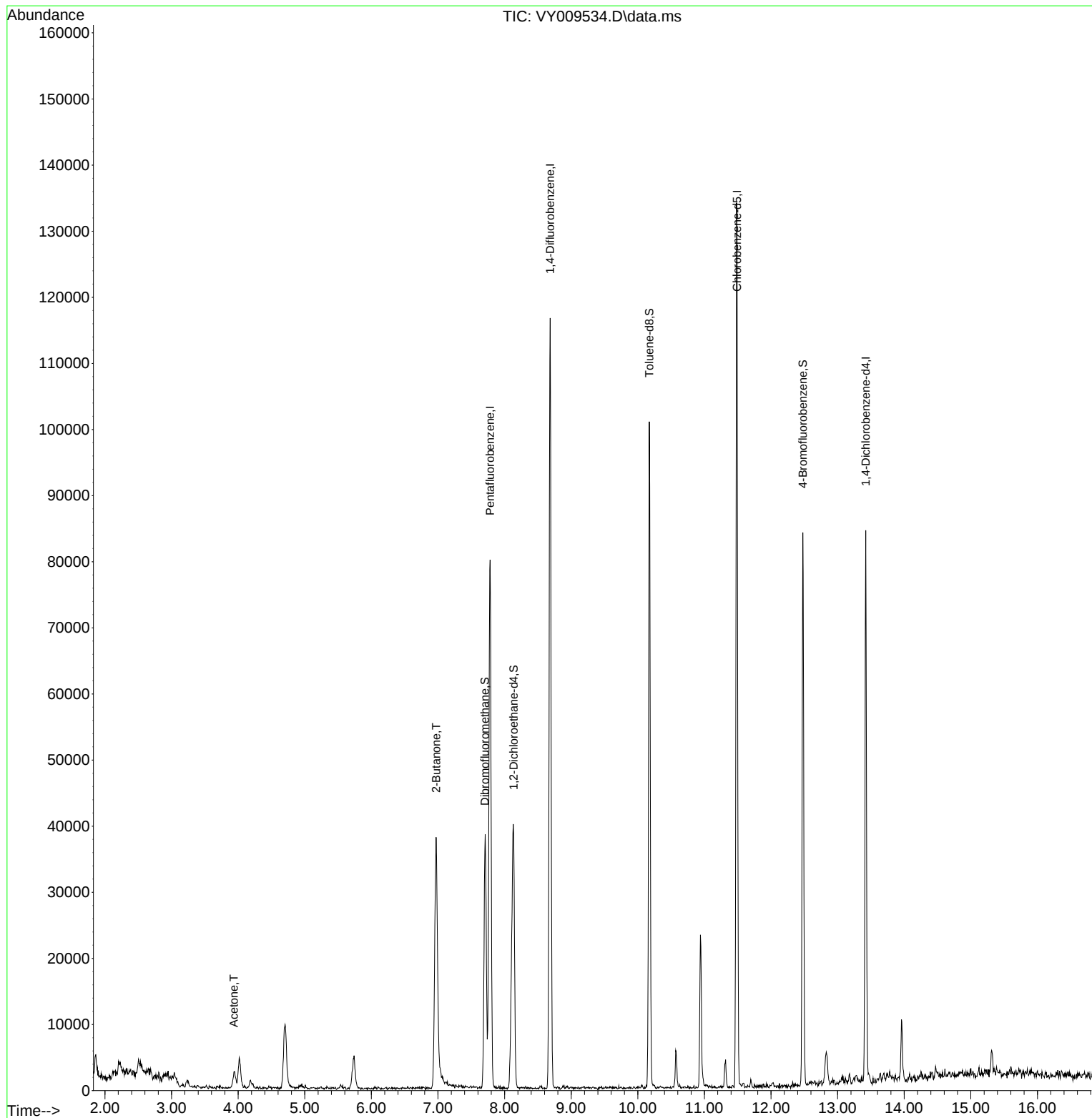
Internal Standards						
1) Pentafluorobenzene	7.783	168	64074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	99613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	26350	59.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.260%
35) Dibromofluoromethane	7.704	113	27049	51.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.220%
50) Toluene-d8	10.173	98	63028	42.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	85.340%
62) 4-Bromofluorobenzene	12.477	95	22322	30.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	60.340%
Target Compounds						Qvalue
16) Acetone	3.936	43	4585	29.416	ug/l #	80
25) 2-Butanone	6.972	43	3666	14.539	ug/l #	89

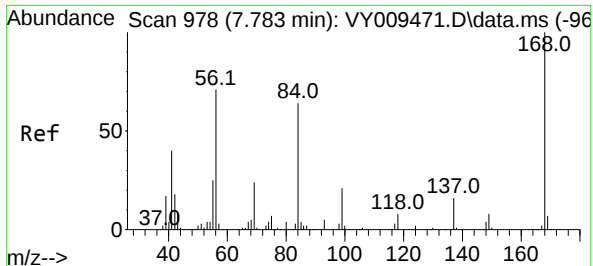
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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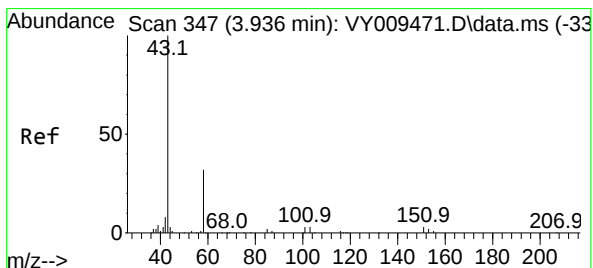
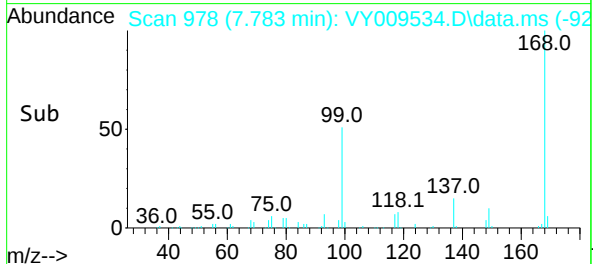
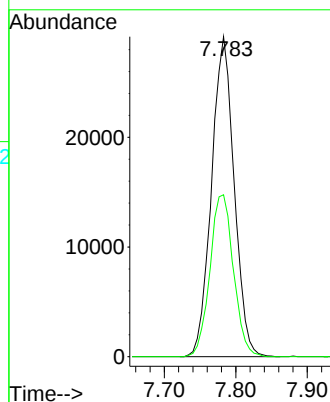
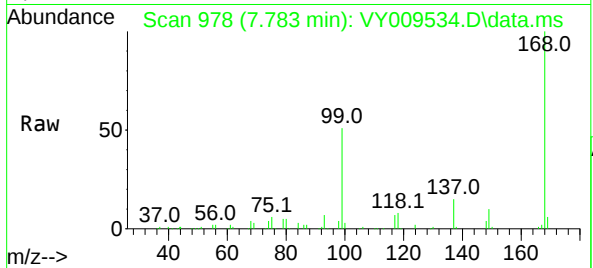




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009534.D
Acq: 12 Jul 2022 15:57

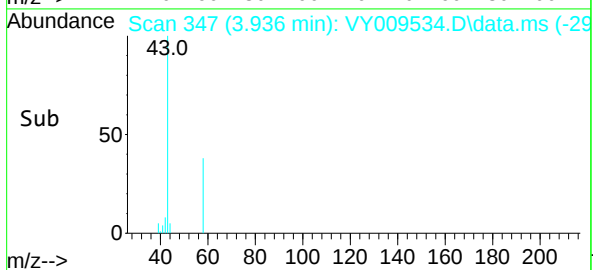
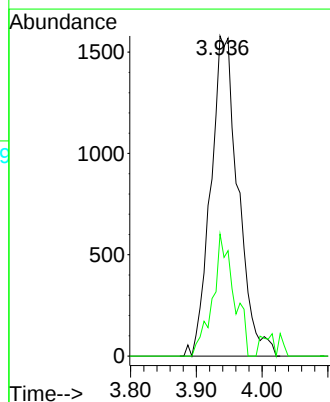
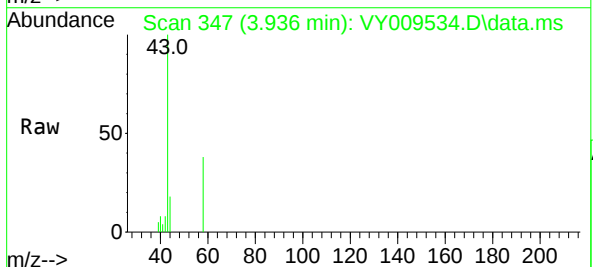
Instrument :
MSVOA_Y
ClientSampleId :
20220506-COMPOSITE-A

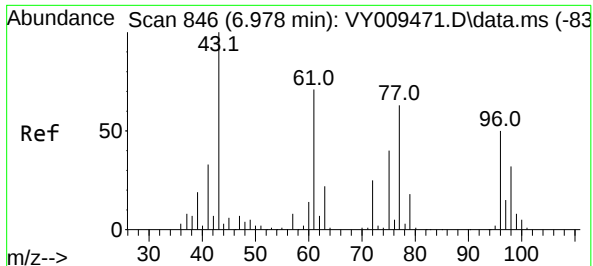
Tgt Ion:168 Resp: 64074
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#16
Acetone
Concen: 29.416 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009534.D
Acq: 12 Jul 2022 15:57

Tgt Ion: 43 Resp: 4585
Ion Ratio Lower Upper
43 100
58 38.1 22.0 33.0#

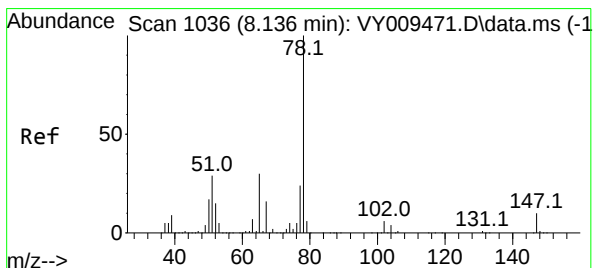
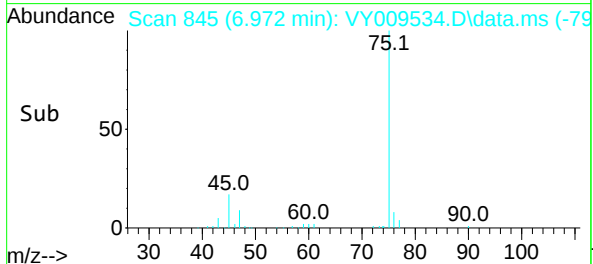
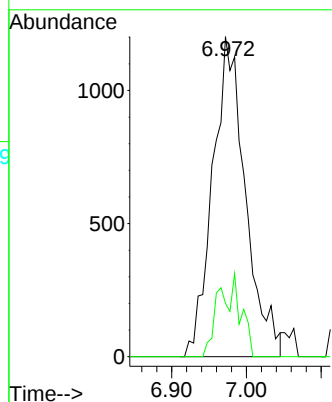
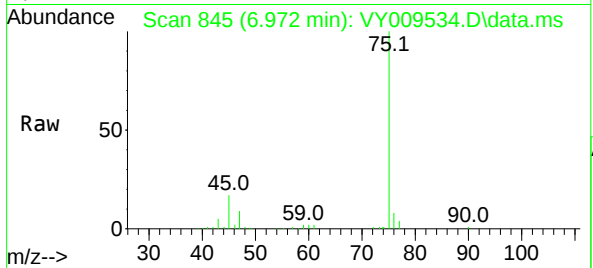




#25
2-Butanone
Concen: 14.539 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009534.D
Acq: 12 Jul 2022 15:57

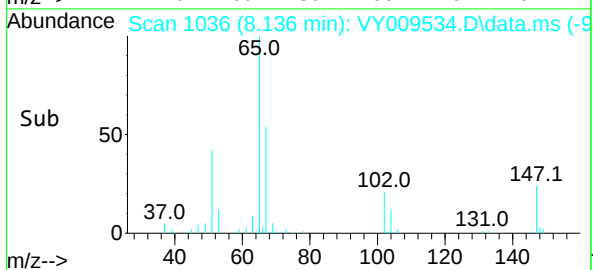
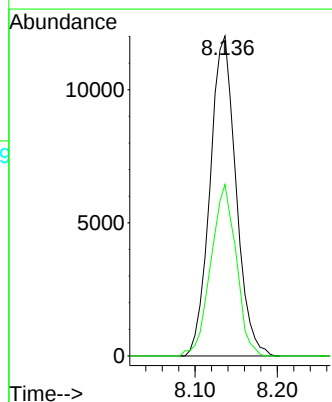
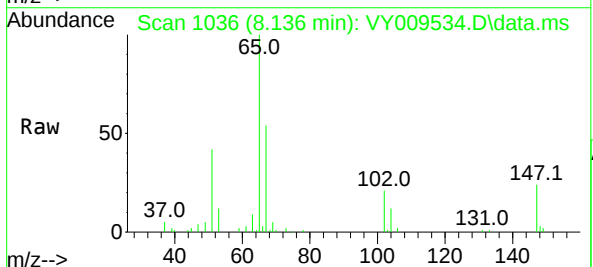
Instrument :
MSVOA_Y
ClientSampleId :
20220506-COMPOSITE-A

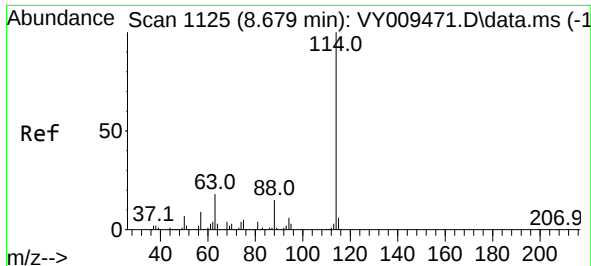
Tgt Ion: 43 Resp: 3666
Ion Ratio Lower Upper
43 100
72 16.7 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 59.628 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009534.D
Acq: 12 Jul 2022 15:57

Tgt Ion: 65 Resp: 26350
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: VY009534.D

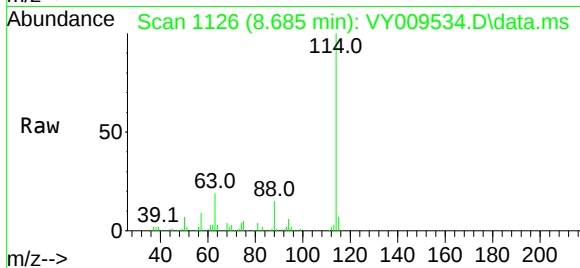
Acq: 12 Jul 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

20220506-COMPOSITE-A



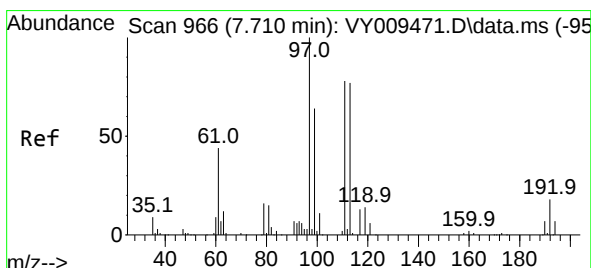
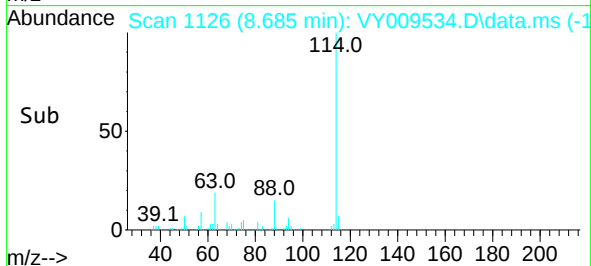
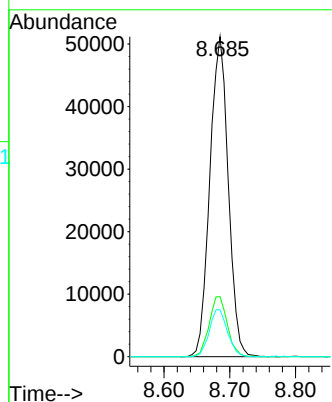
Tgt Ion:114 Resp: 99613

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.607 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009534.D

Acq: 12 Jul 2022 15:57

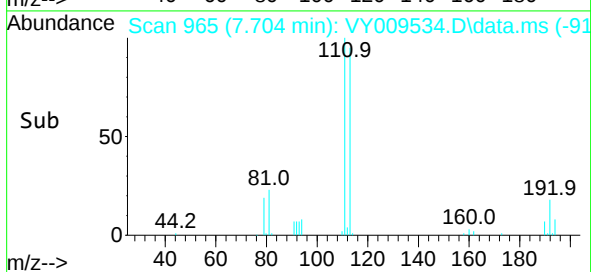
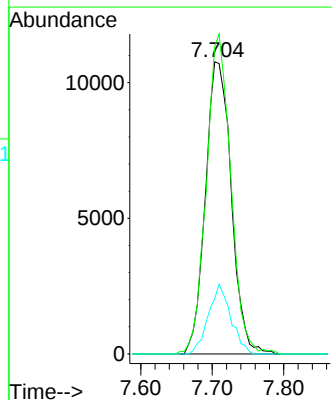
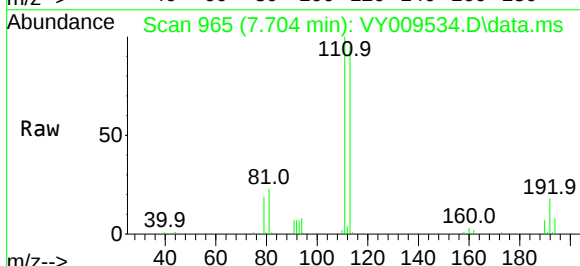
Tgt Ion:113 Resp: 27049

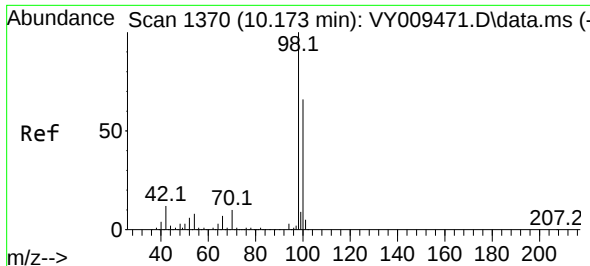
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 20.7 17.6 26.4

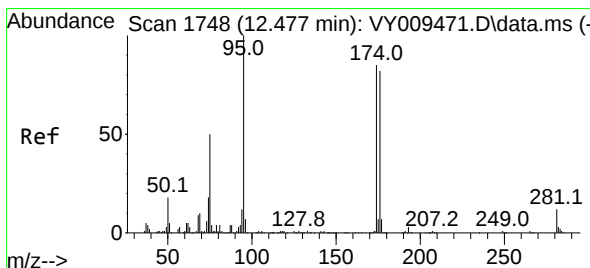
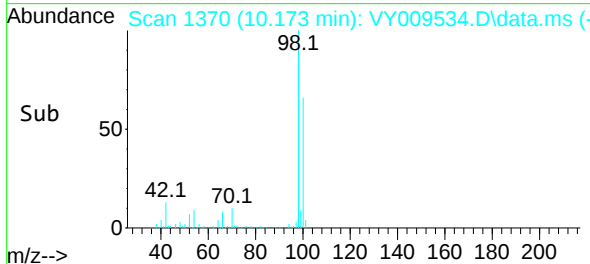
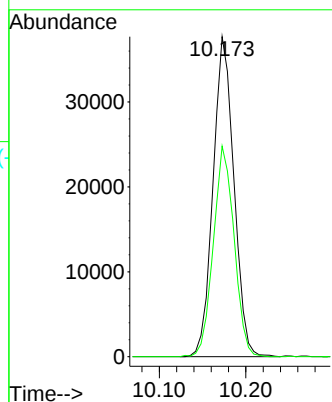
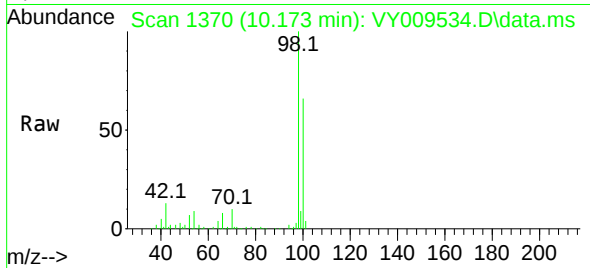




#50
Toluene-d8
Concen: 42.668 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009534.D
Acq: 12 Jul 2022 15:57

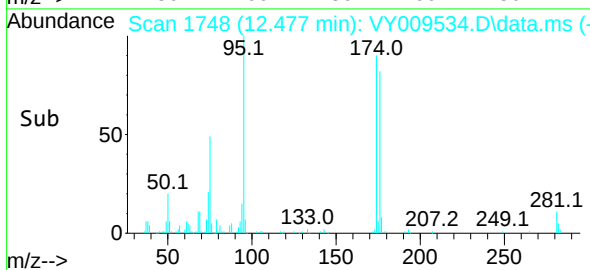
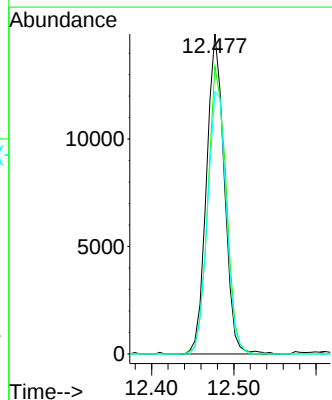
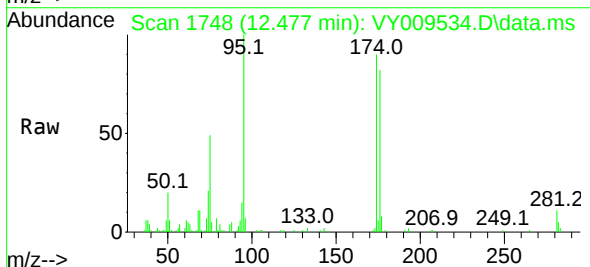
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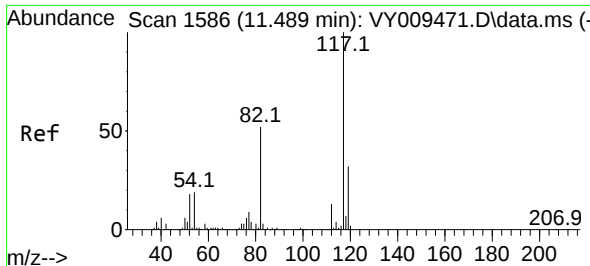
Tgt Ion: 98 Resp: 63028
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.171 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009534.D
Acq: 12 Jul 2022 15:57

Tgt Ion: 95 Resp: 22322
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 87.0 0.0 175.8

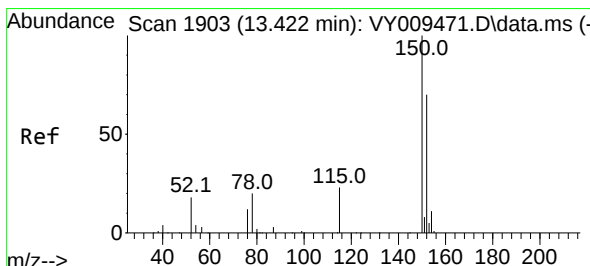
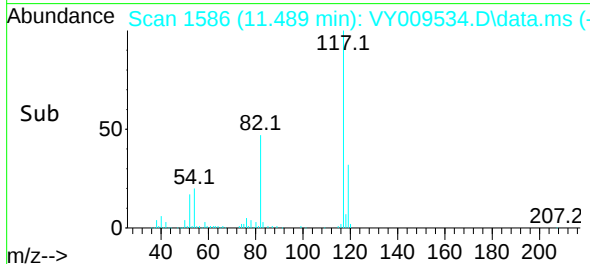
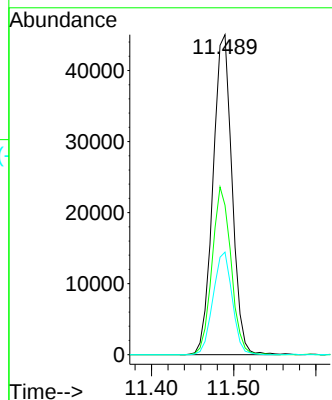
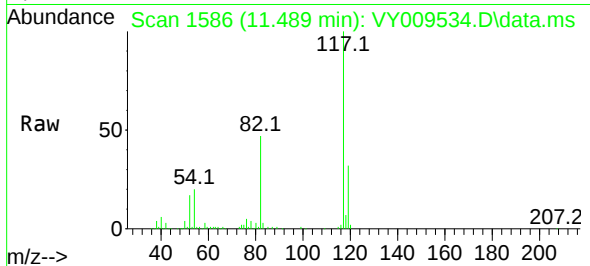




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009534.D
Acq: 12 Jul 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
20220506-COMPOSITE-A

Tgt Ion:	117	Resp:	72581
Ion Ratio	Lower	Upper	
117	100		
82	46.7	43.0	64.4
119	32.1	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: VY009534.D
Acq: 12 Jul 2022 15:57

Tgt Ion:	152	Resp:	20456
Ion Ratio	Lower	Upper	
152	100		
115	54.8	28.2	84.7
150	158.3	0.0	347.6

