

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016567.D
 Acq On : 01 Dec 2023 17:46
 Operator : SY/MD
 Sample : 05602-07
 Misc : 6.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROUTE-4-TP-4

Quant Time: Dec 01 23:41:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

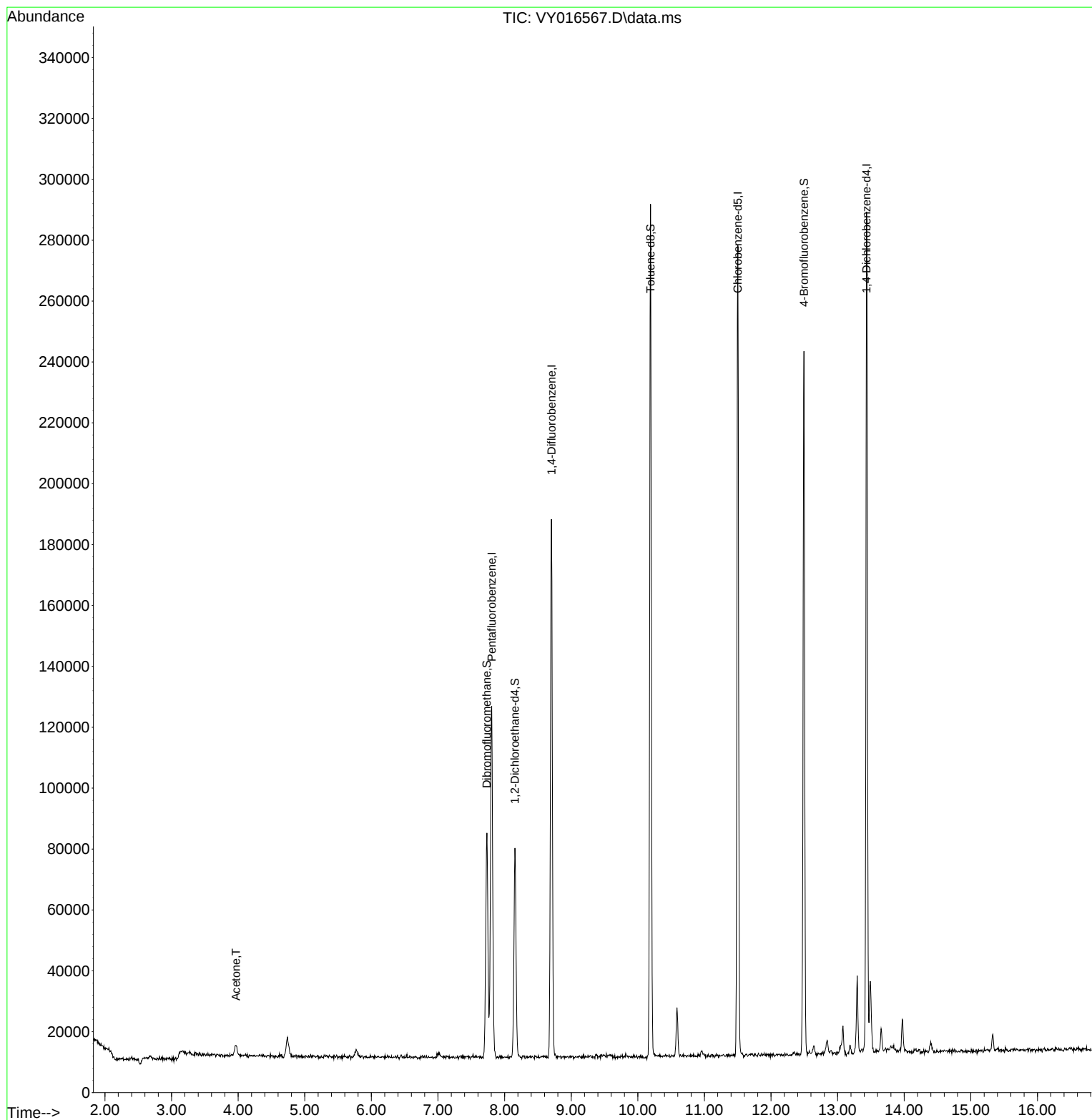
Internal Standards						
1) Pentafluorobenzene	7.807	168	98477	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.703	114	165076	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	161887	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	78923	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54967	70.651	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.300%	
35) Dibromofluoromethane	7.734	113	52915	54.617	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.191	98	191044	50.841	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.495	95	67846	57.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.100%	
Target Compounds						
16) Acetone	3.966	43	6129	42.518	ug/l	Qvalue 92

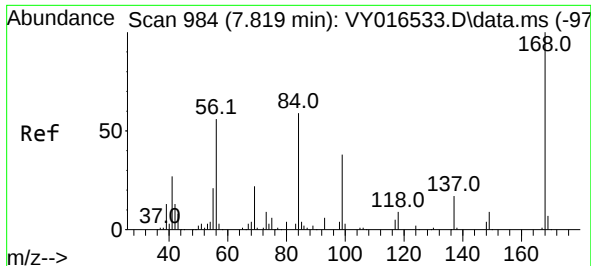
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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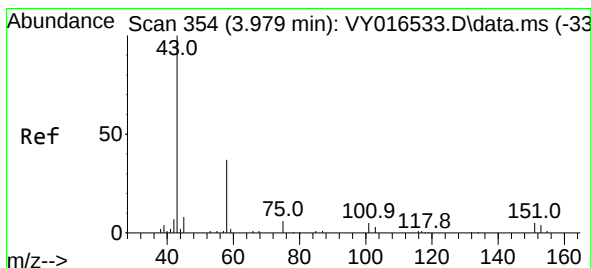
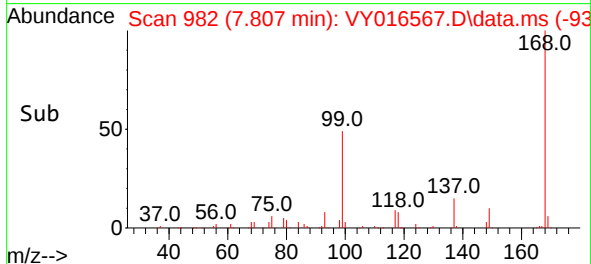
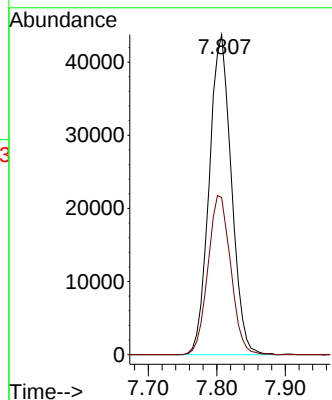
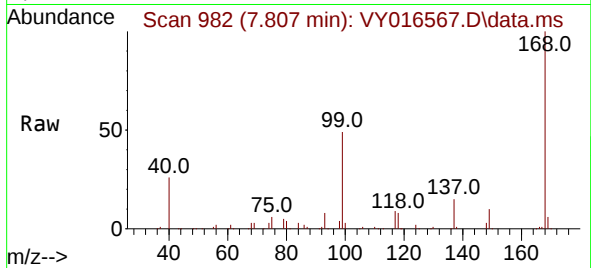




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016567.D
Acq: 01 Dec 2023 17:46

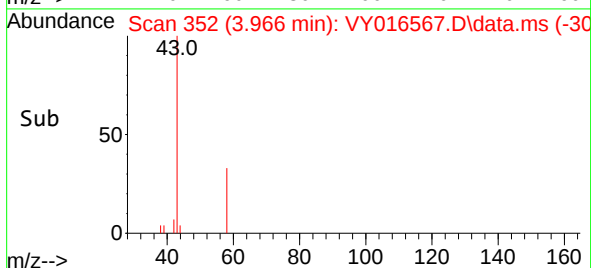
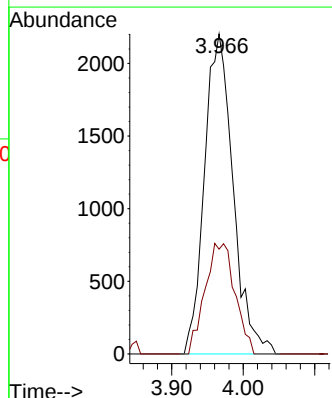
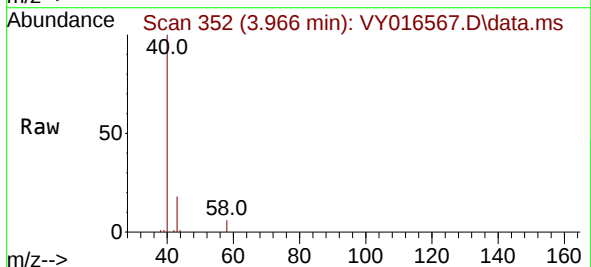
Instrument :
MSVOA_Y
ClientSampleId :
ROUTE-4-TP-4

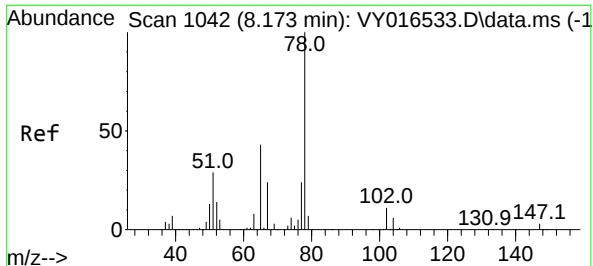
Tgt Ion:168 Resp: 98477
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.0



#16
Acetone
Concen: 42.518 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY016567.D
Acq: 01 Dec 2023 17:46

Tgt Ion: 43 Resp: 6129
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 70.651 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. -0.018 min

Lab File: VY016567.D

Acq: 01 Dec 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

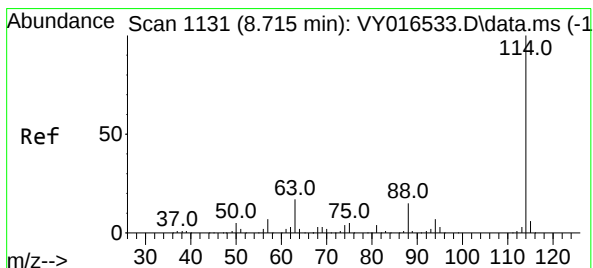
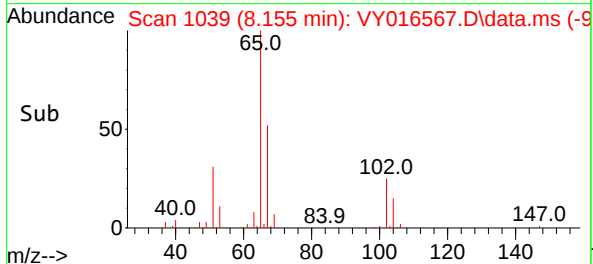
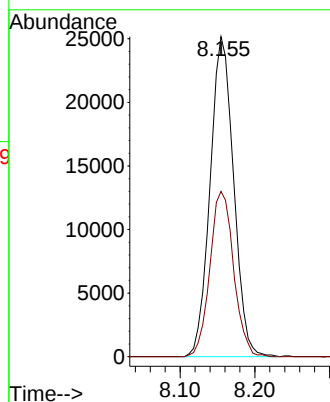
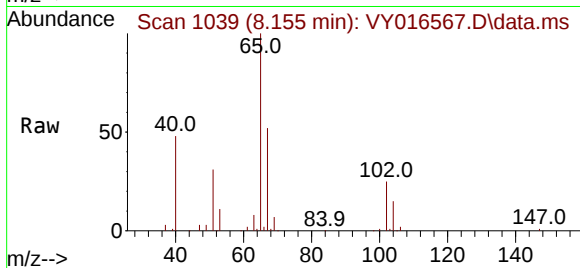
ROUTE-4-TP-4

Tgt Ion: 65 Resp: 54967

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY016567.D

Acq: 01 Dec 2023 17:46

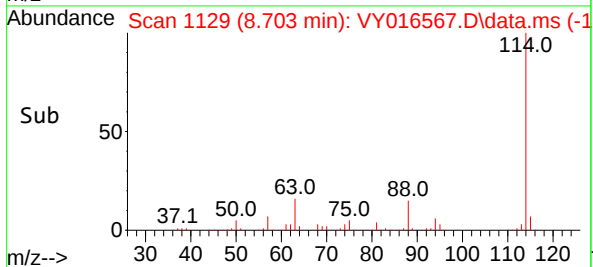
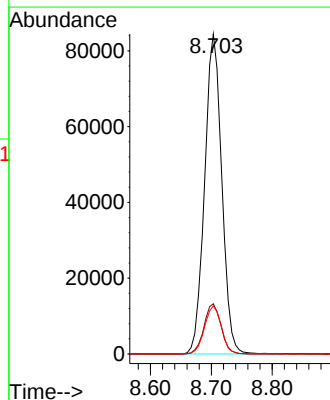
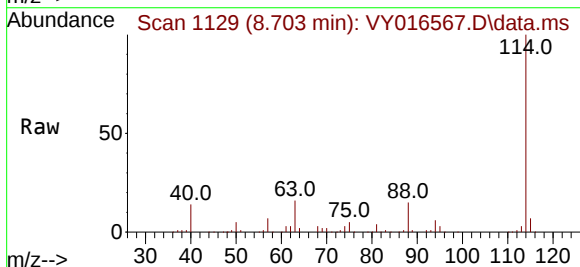
Tgt Ion: 114 Resp: 165076

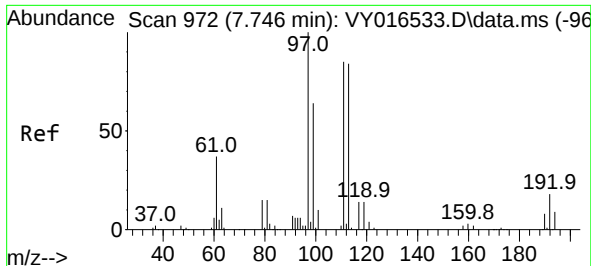
Ion Ratio Lower Upper

114 100

63 15.7 0.0 42.4

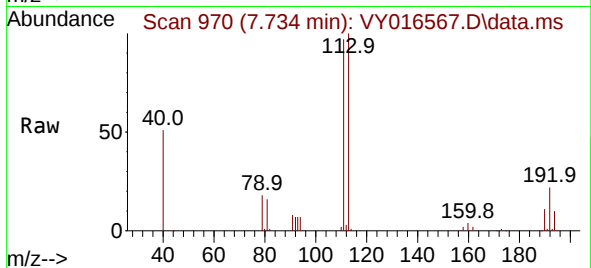
88 15.0 0.0 30.6



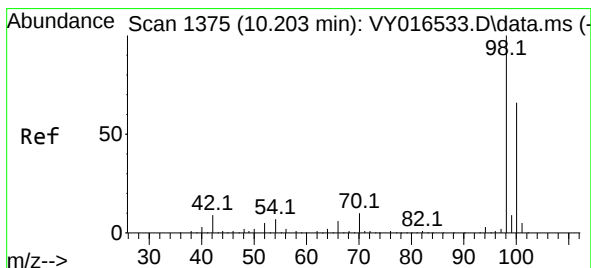
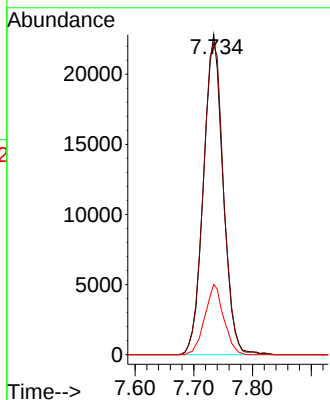
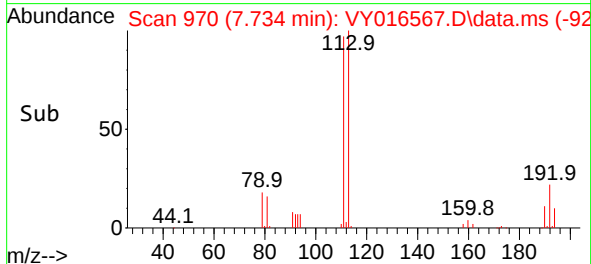


#35
 Dibromofluoromethane
 Concen: 54.617 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VY016567.D
 Acq: 01 Dec 2023 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROUTE-4-TP-4

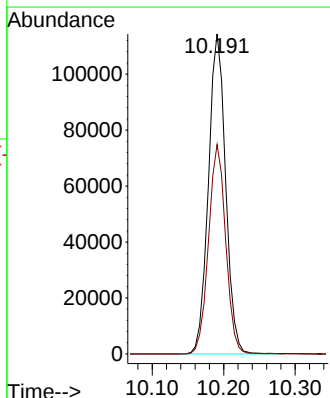
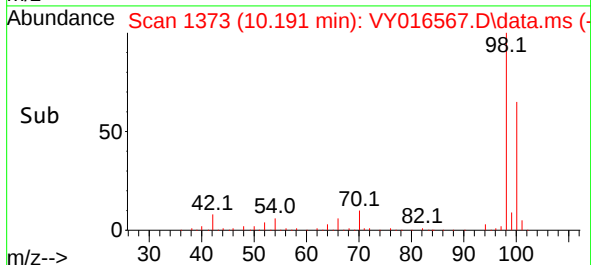
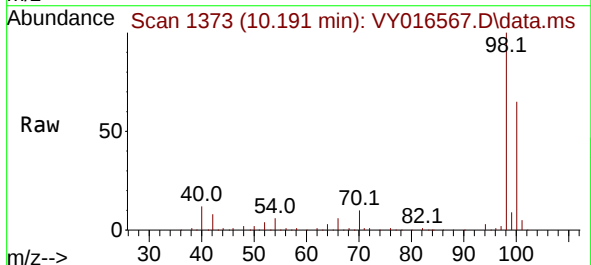


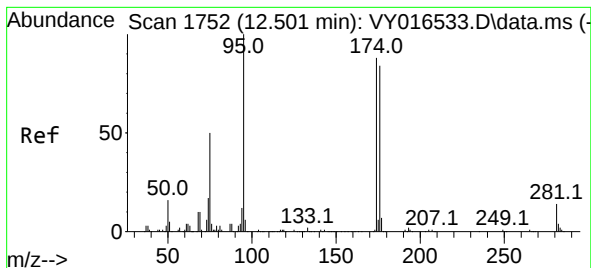
Tgt Ion:	113	Resp:	52915
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.3	121.9
192	21.1	16.9	25.3



#50
 Toluene-d8
 Concen: 50.841 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.012 min
 Lab File: VY016567.D
 Acq: 01 Dec 2023 17:46

Tgt Ion:	98	Resp:	191044
Ion Ratio	Lower	Upper	
98	100		
100	65.2	50.1	75.1

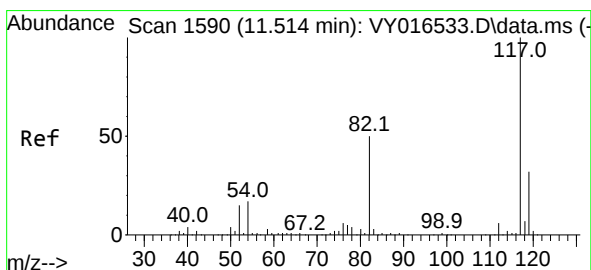
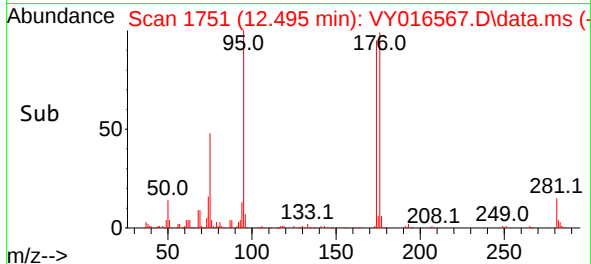
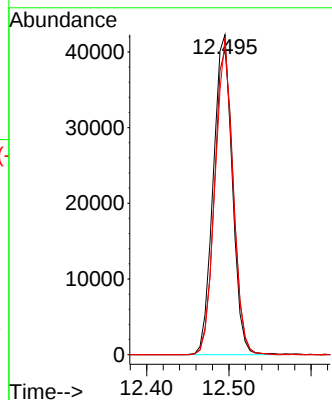
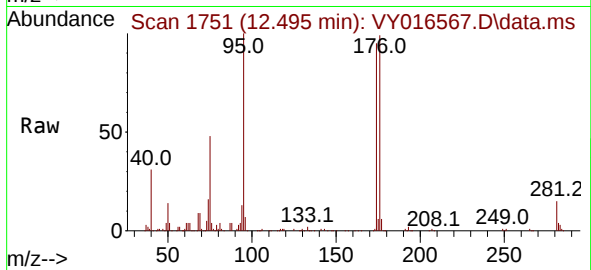




#62
4-Bromofluorobenzene
Concen: 57.555 ug/l
RT: 12.495 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016567.D
Acq: 01 Dec 2023 17:46

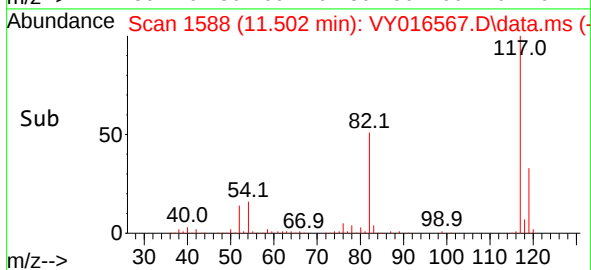
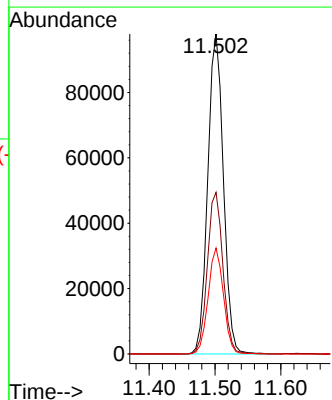
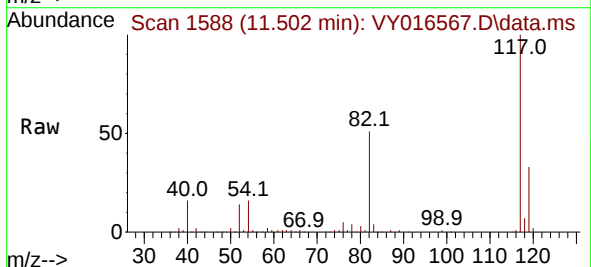
Instrument :
MSVOA_Y
ClientSampleId :
ROUTE-4-TP-4

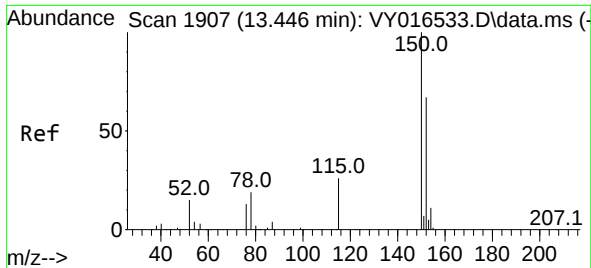
Tgt Ion: 95 Resp: 67846
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 92.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.012 min
Lab File: VY016567.D
Acq: 01 Dec 2023 17:46

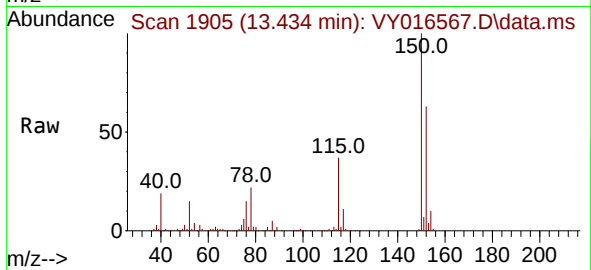
Tgt Ion: 117 Resp: 161887
Ion Ratio Lower Upper
117 100
82 50.5 43.4 65.0
119 33.1 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.012 min
Lab File: VY016567.D
Acq: 01 Dec 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :
ROUTE-4-TP-4



Tgt Ion:	152	Resp:	78923
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.5
150	156.9	0.0	348.8

