

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016852.D
 Acq On : 26 Dec 2023 14:55
 Operator : SY/MD
 Sample : 06016-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-322-0-2

Quant Time: Dec 27 01:34:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

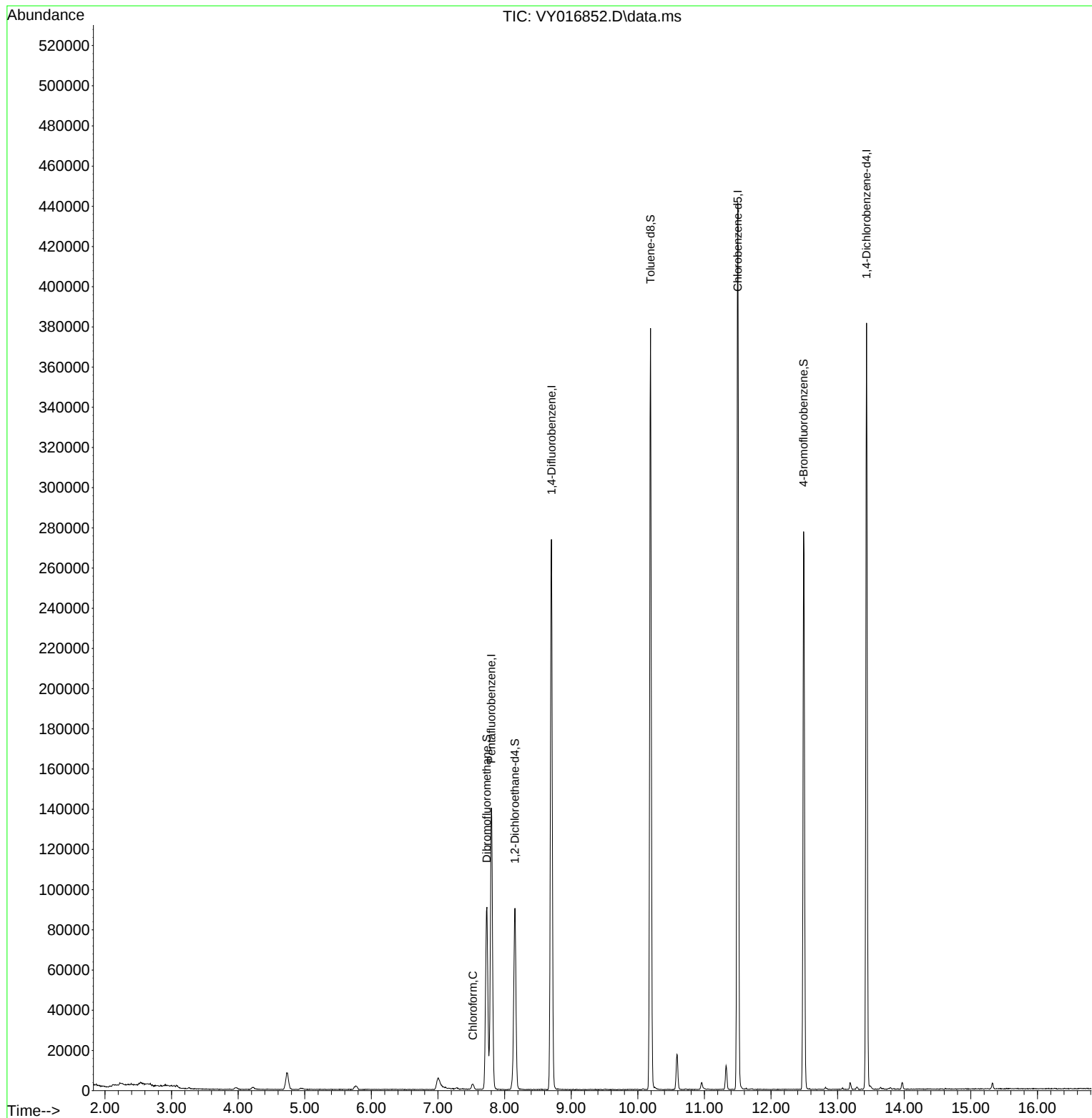
Internal Standards						
1) Pentafluorobenzene	7.801	168	106162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	231252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	234631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66590	68.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.420%
35) Dibromofluoromethane	7.734	113	66788	50.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.191	98	241832	50.642	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.489	95	80622	52.039	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.080%
Target Compounds					Qvalue	
30) Chloroform	7.527	83	2778	1.301	ug/l	97

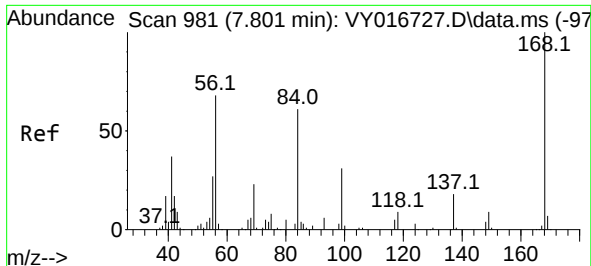
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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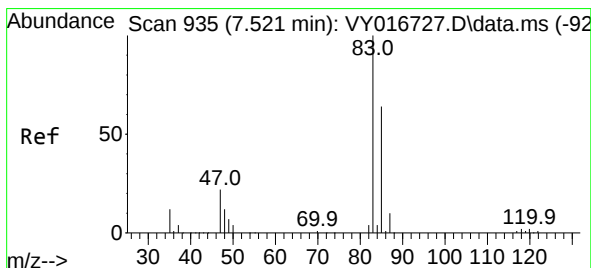
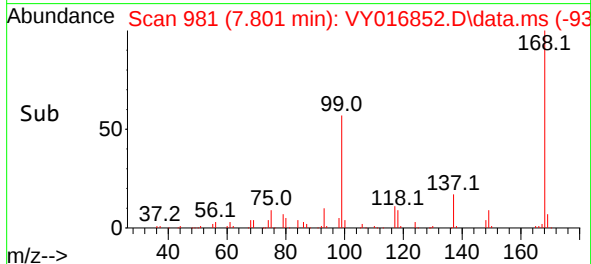
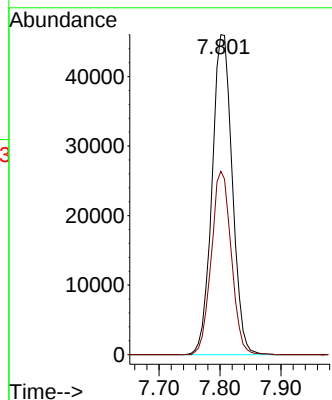
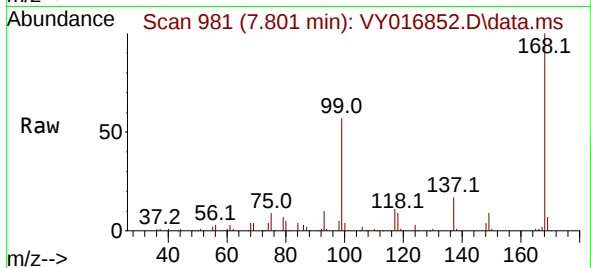




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016852.D
Acq: 26 Dec 2023 14:55

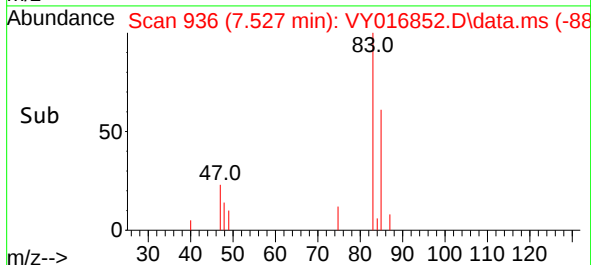
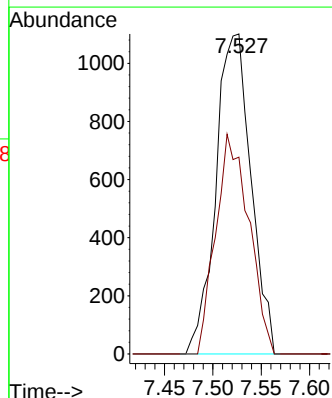
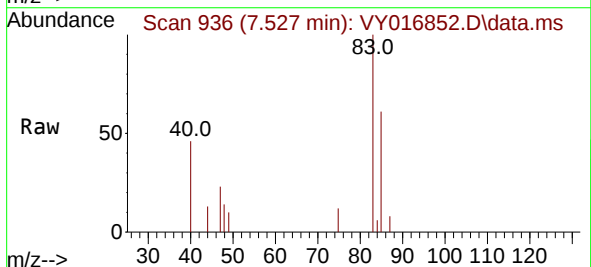
Instrument :
MSVOA_Y
ClientSampleId :
MR-322-0-2

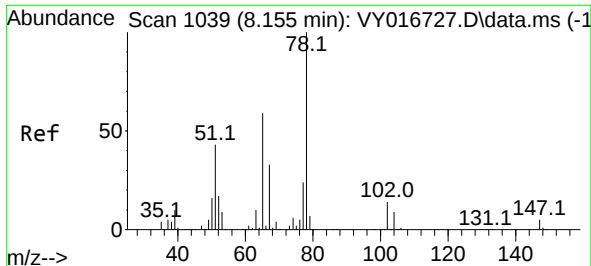
Tgt Ion:168 Resp: 106162
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#30
Chloroform
Concen: 1.301 ug/l
RT: 7.527 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY016852.D
Acq: 26 Dec 2023 14:55

Tgt Ion: 83 Resp: 2778
Ion Ratio Lower Upper
83 100
85 61.5 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 68.710 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016852.D

Acq: 26 Dec 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

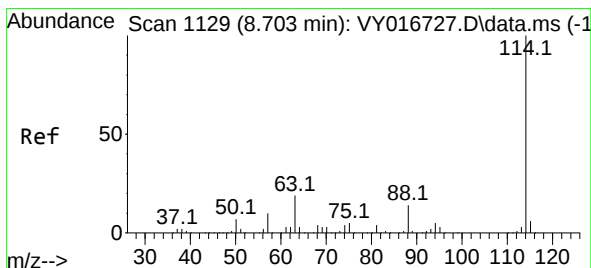
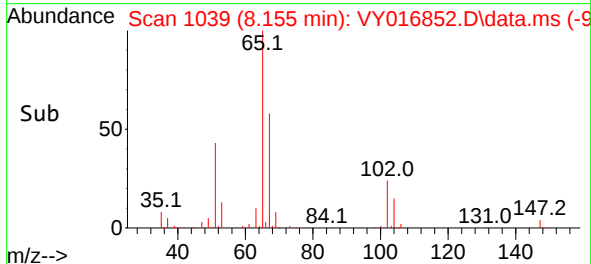
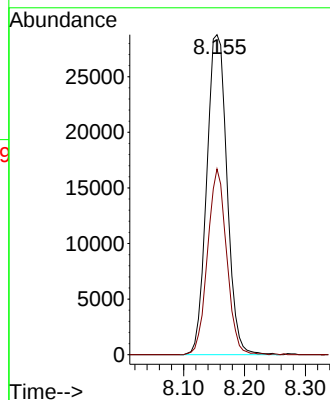
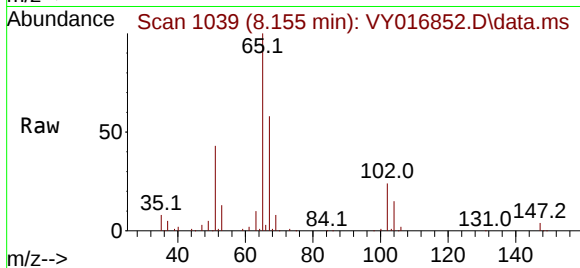
MR-322-0-2

Tgt Ion: 65 Resp: 66590

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016852.D

Acq: 26 Dec 2023 14:55

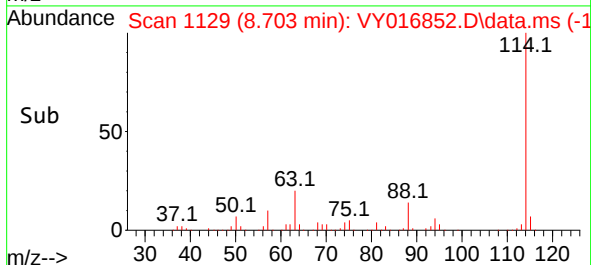
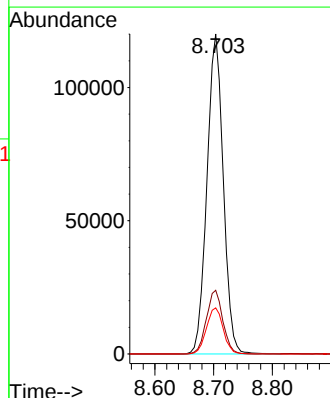
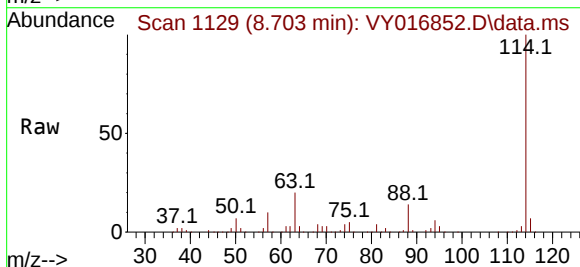
Tgt Ion: 114 Resp: 231252

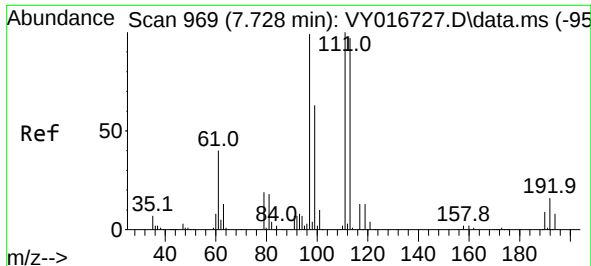
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.4 0.0 29.0

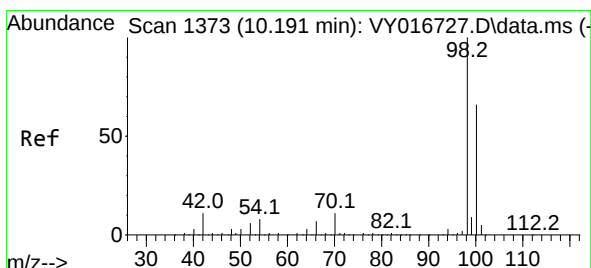
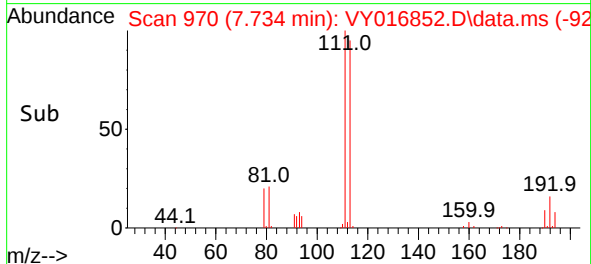
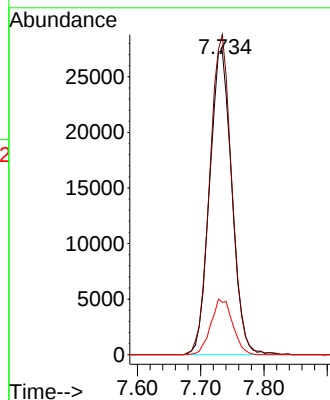
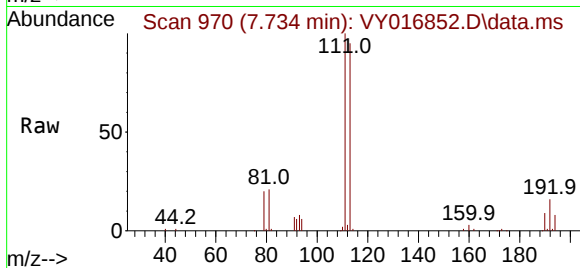




#35
Dibromofluoromethane
Concen: 50.419 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016852.D
Acq: 26 Dec 2023 14:55

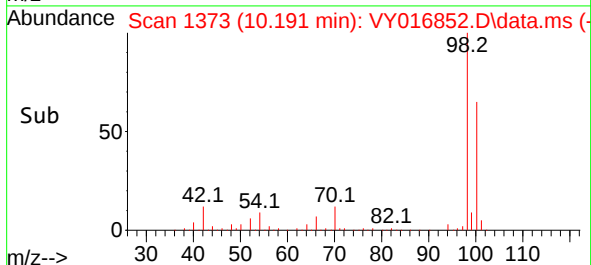
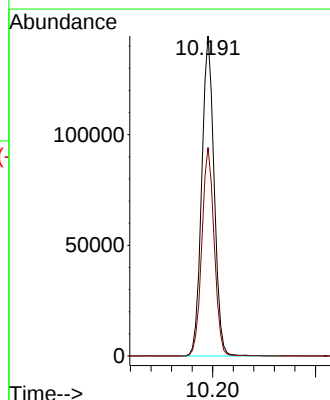
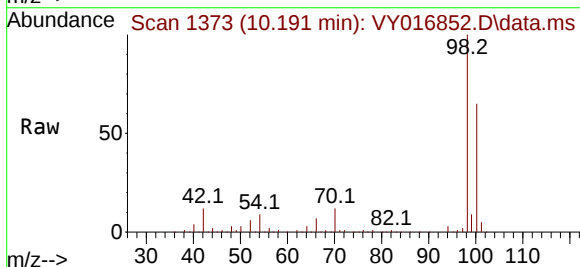
Instrument :
MSVOA_Y
ClientSampleId :
MR-322-0-2

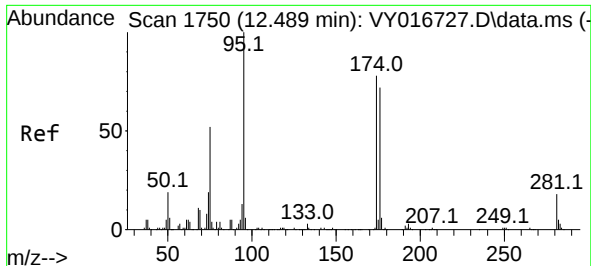
Tgt Ion:113 Resp: 66788
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.9 14.5 21.7



#50
Toluene-d8
Concen: 50.642 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016852.D
Acq: 26 Dec 2023 14:55

Tgt Ion: 98 Resp: 241832
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

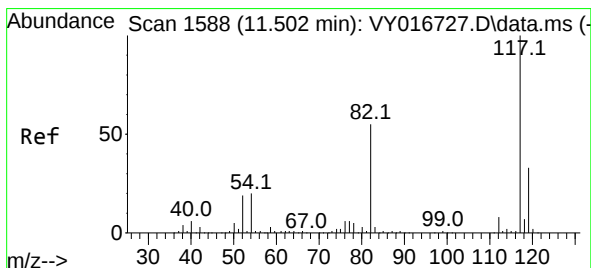
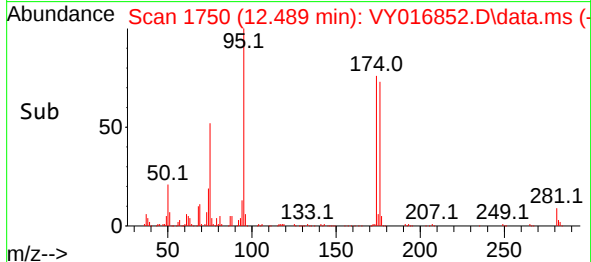
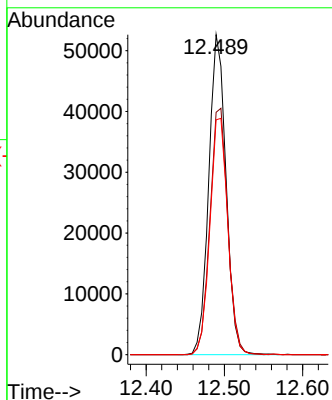
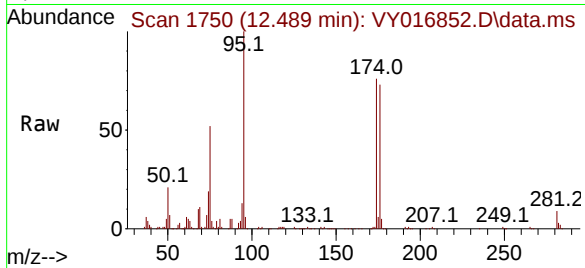




#62
4-Bromofluorobenzene
Concen: 52.039 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016852.D
Acq: 26 Dec 2023 14:55

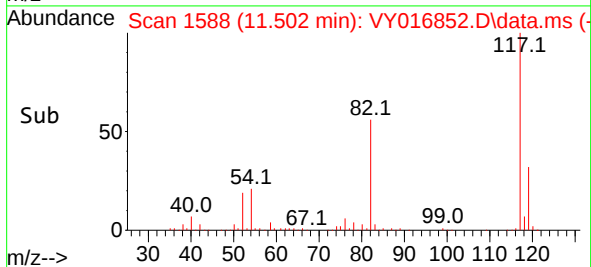
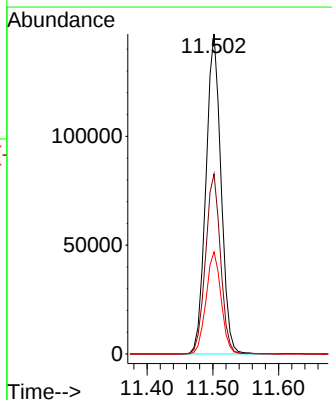
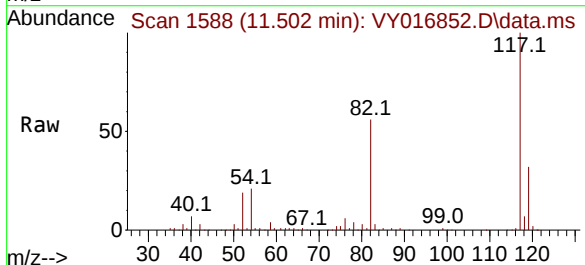
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MSVOA_Y
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MR-322-0-2

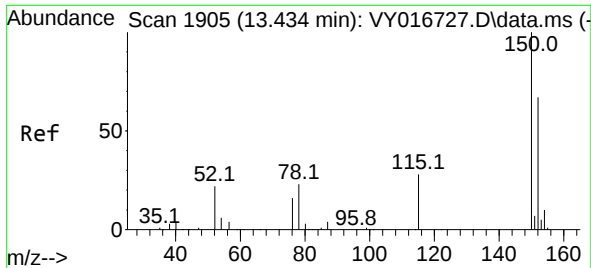
Tgt Ion:	95	Resp:	80622
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	160.0
176	76.6	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016852.D
Acq: 26 Dec 2023 14:55

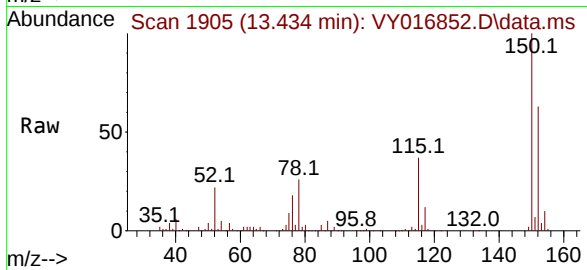
Tgt Ion:	117	Resp:	234631
Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.8	65.8
119	31.9	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016852.D
 Acq: 26 Dec 2023 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-322-0-2



Tgt Ion:152 Resp: 92440
 Ion Ratio Lower Upper
 152 100
 115 58.6 30.0 90.0
 150 158.3 0.0 344.6

