

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016489.D
 Acq On : 24 Nov 2023 17:02
 Operator : SY/MD
 Sample : 05434-04
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Nov 27 04:47:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

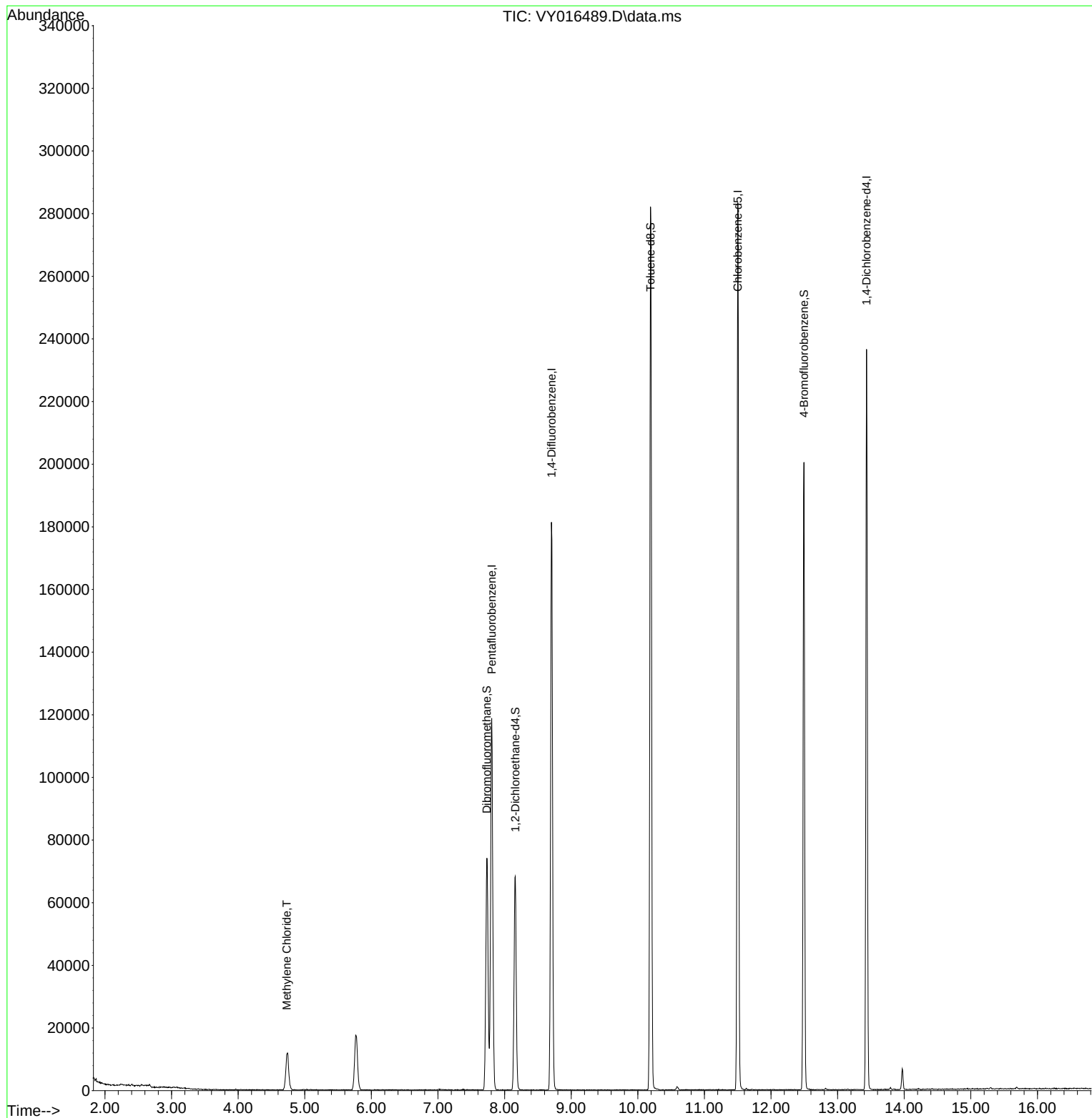
Internal Standards						
1) Pentafluorobenzene	7.807	168	95767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	167817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	161034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	65200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	55962	63.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.880%	
35) Dibromofluoromethane	7.734	113	54266	56.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.840%	
50) Toluene-d8	10.191	98	197550	51.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.495	95	62670	49.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.820%	
Target Compounds						
20) Methylene Chloride	4.729	84	10067	6.838	ug/l	Qvalue # 79

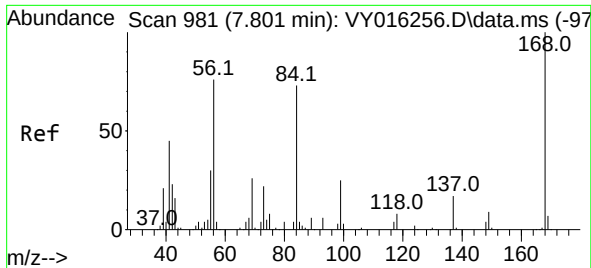
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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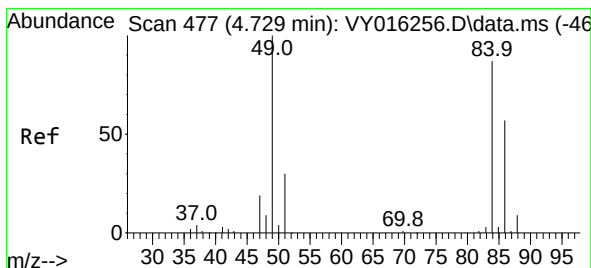
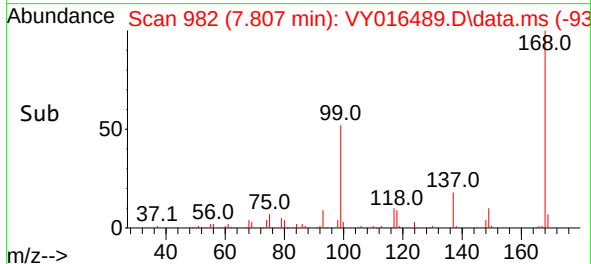
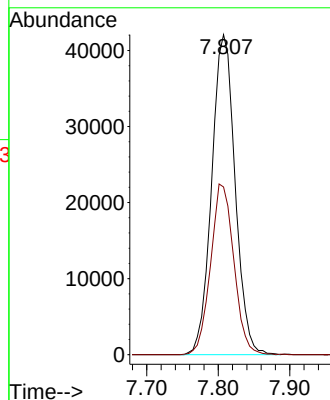
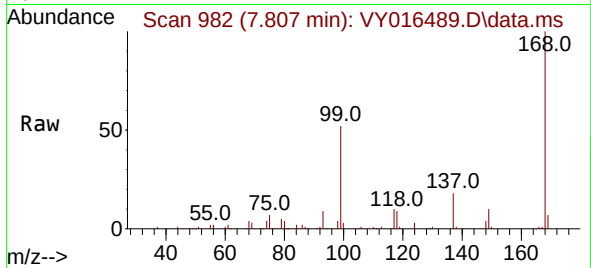




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

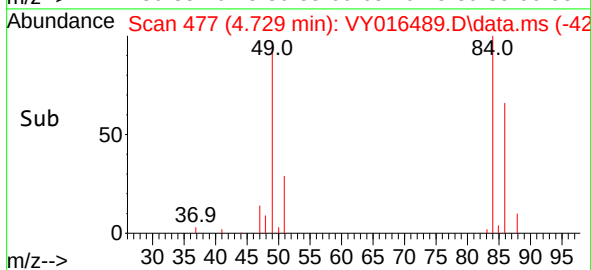
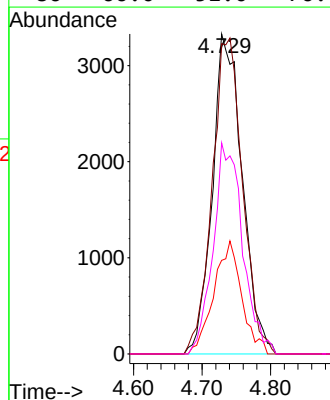
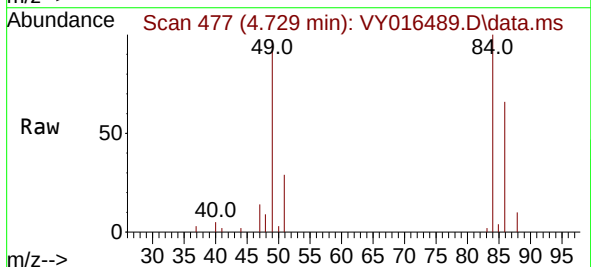
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

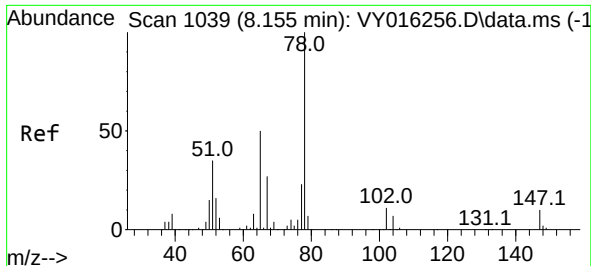
Tgt Ion:168 Resp: 95767
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#20
Methylene Chloride
Concen: 6.838 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

Tgt Ion: 84 Resp: 10067
Ion Ratio Lower Upper
84 100
49 96.9 106.9 160.3#
51 29.3 33.2 49.8#
86 66.0 51.0 76.6

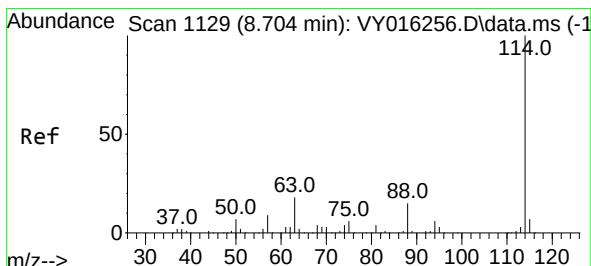
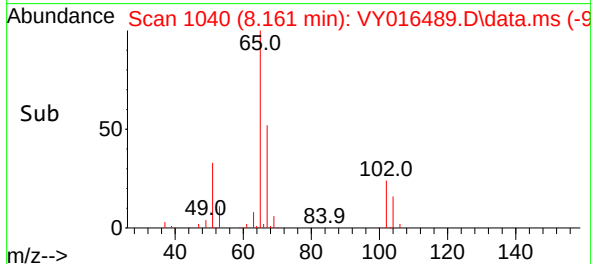
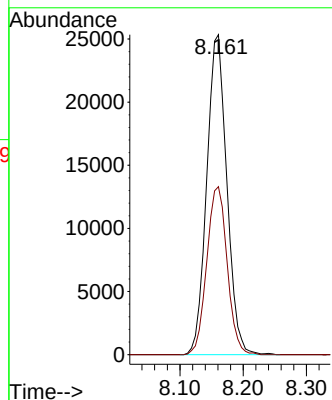
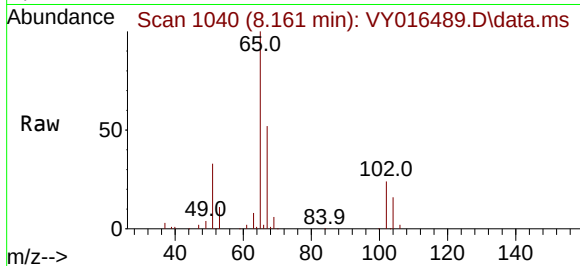




#33
 1,2-Dichloroethane-d4
 Concen: 63.937 ug/l
 RT: 8.161 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: VY016489.D
 Acq: 24 Nov 2023 17:02

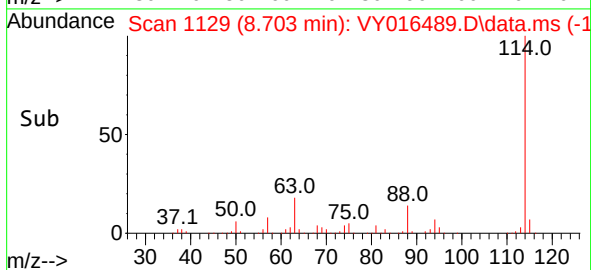
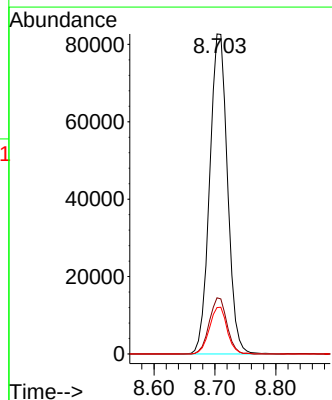
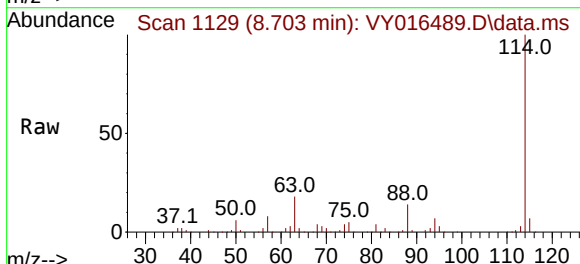
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

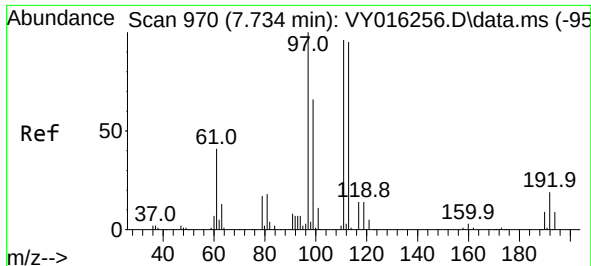
Tgt Ion: 65 Resp: 55962
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016489.D
 Acq: 24 Nov 2023 17:02

Tgt Ion: 114 Resp: 167817
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 14.5 0.0 30.6

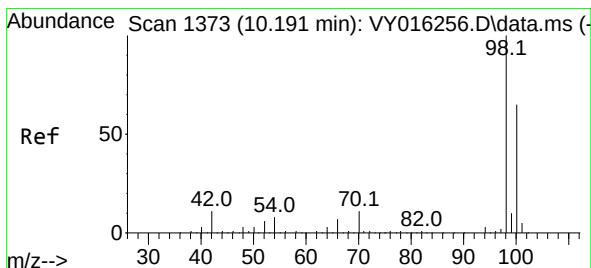
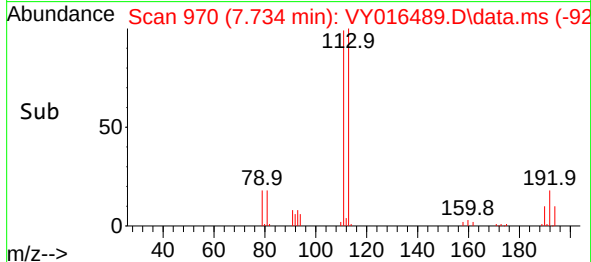
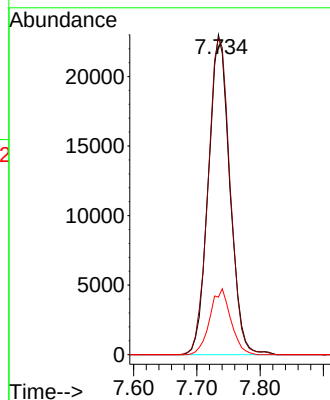
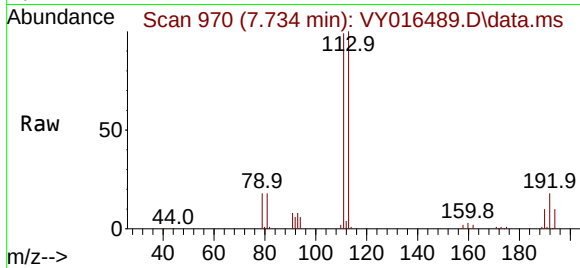




#35
 Dibromofluoromethane
 Concen: 56.924 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY016489.D
 Acq: 24 Nov 2023 17:02

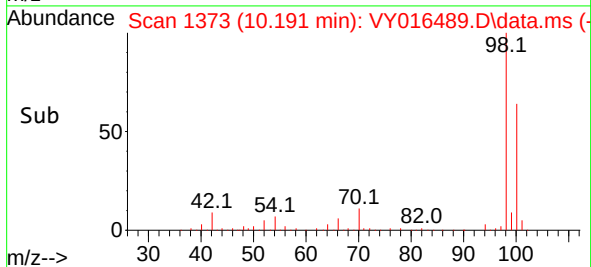
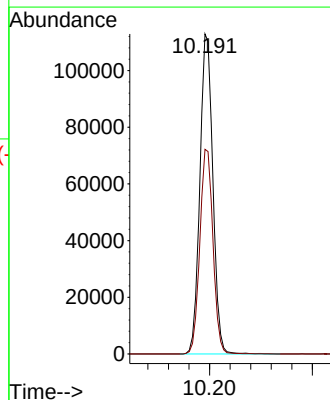
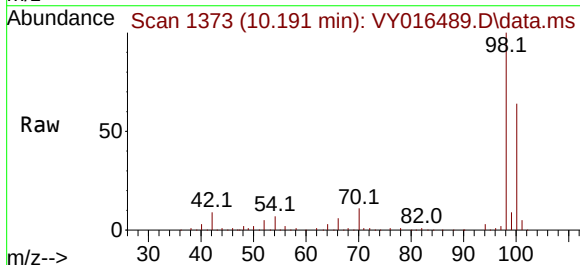
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

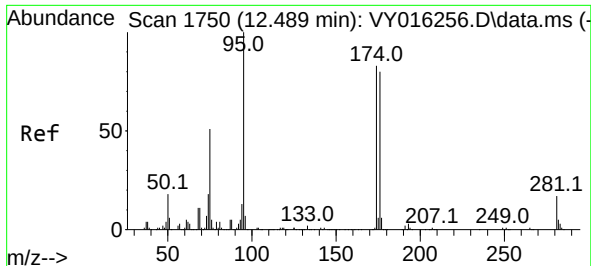
Tgt Ion:113 Resp: 54266
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.3 121.9
 192 20.1 16.9 25.3



#50
 Toluene-d8
 Concen: 51.101 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. -0.000 min
 Lab File: VY016489.D
 Acq: 24 Nov 2023 17:02

Tgt Ion: 98 Resp: 197550
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.1 75.1

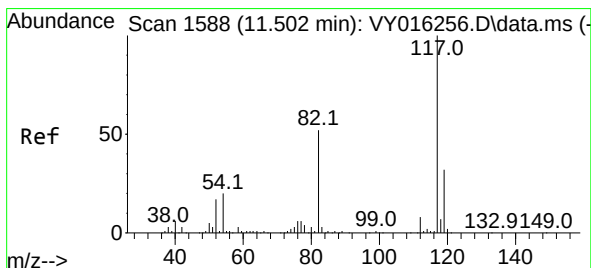
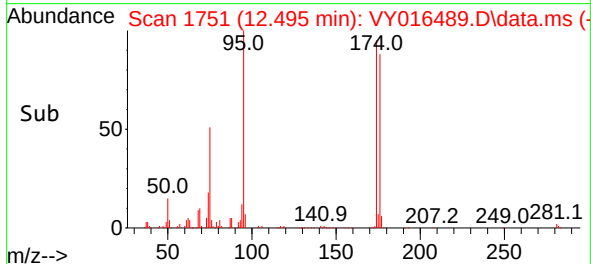
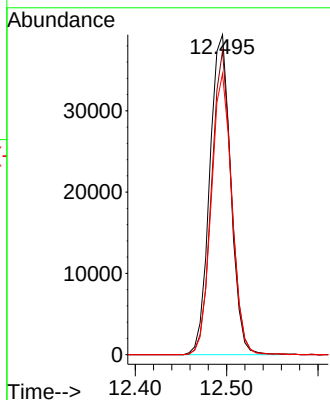
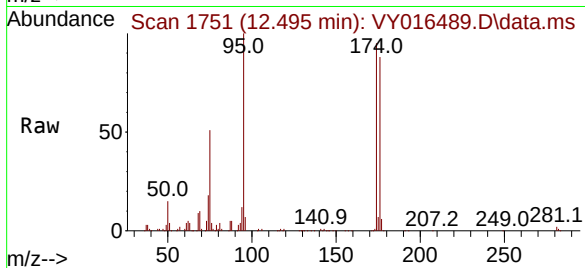




#62
4-Bromofluorobenzene
Concen: 49.913 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

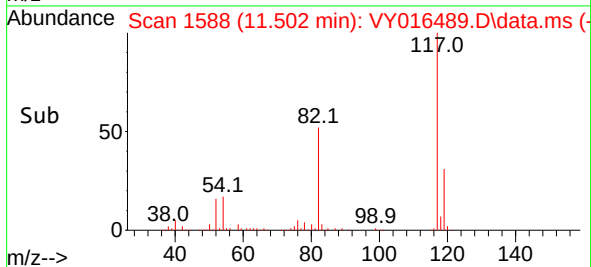
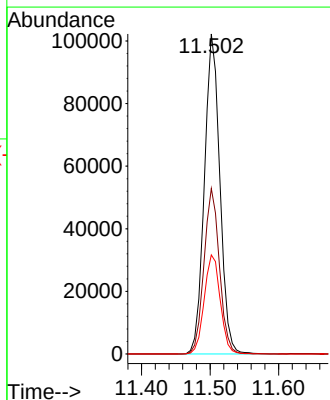
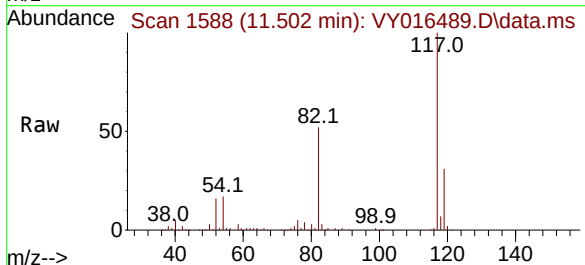
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

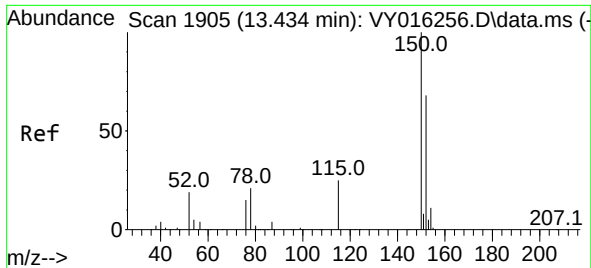
Tgt Ion: 95 Resp: 62670
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 86.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016489.D
Acq: 24 Nov 2023 17:02

Tgt Ion: 117 Resp: 161034
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 31.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016489.D

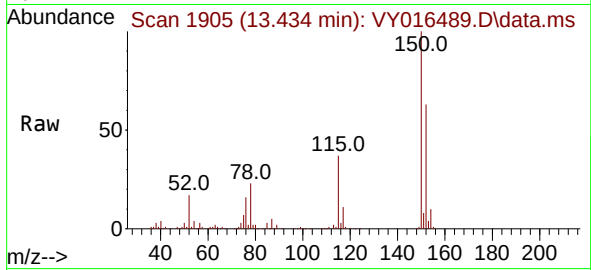
Acq: 24 Nov 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2



Tgt Ion:152 Resp: 65200

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 156.3 0.0 348.8

