

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015425.D
 Acq On : 01 Sep 2023 19:02
 Operator : SY/MD
 Sample : 04283-06
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1

Quant Time: Sep 01 23:45:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

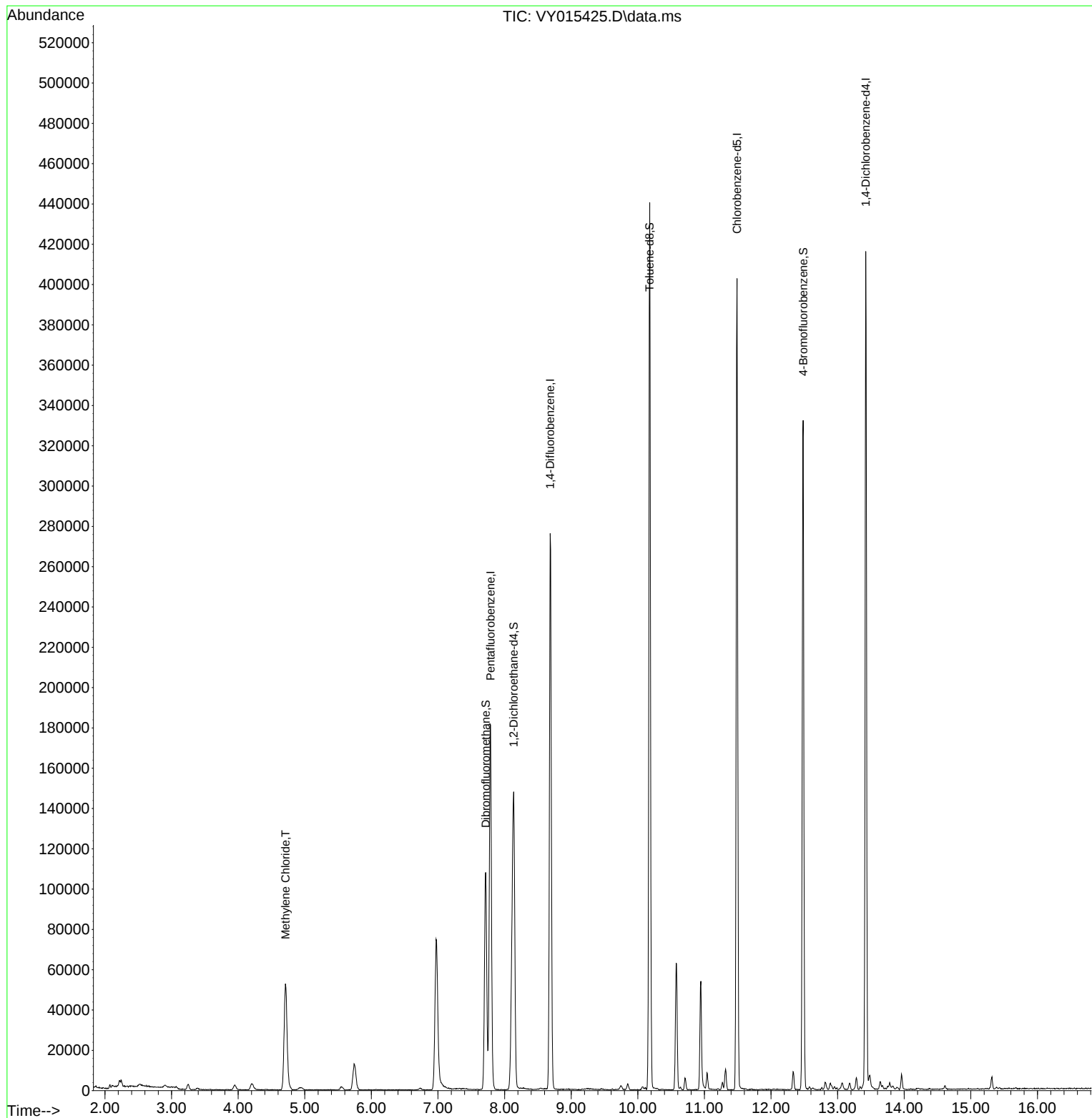
Internal Standards						
1) Pentafluorobenzene	7.789	168	141119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	238769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	217523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93192	61.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.200%	
35) Dibromofluoromethane	7.716	113	75025	54.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.100%	
50) Toluene-d8	10.179	98	278302	55.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.760%	
62) 4-Bromofluorobenzene	12.483	95	94647	51.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.380%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	39238	14.630	ug/l	94

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

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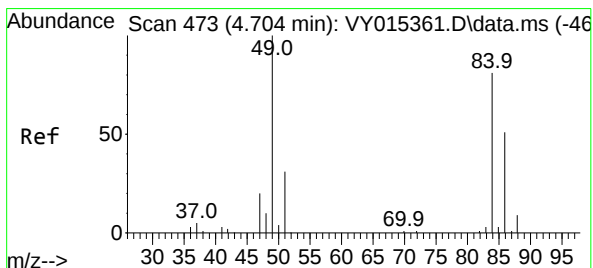
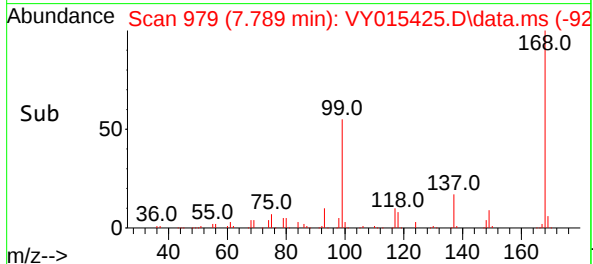
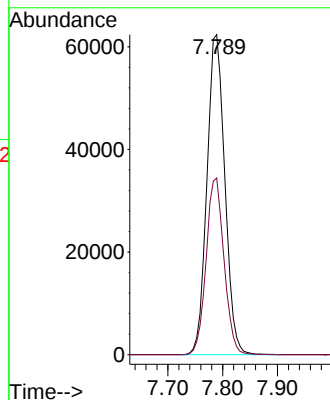
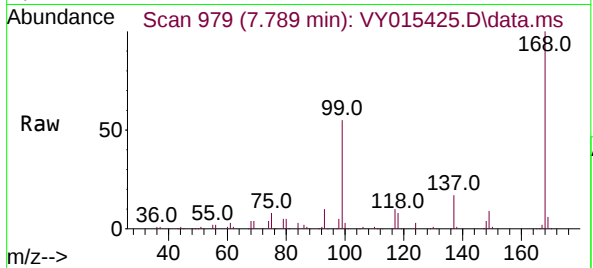




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

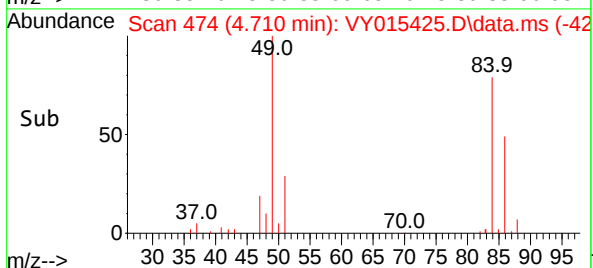
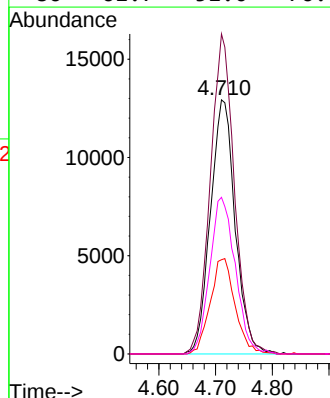
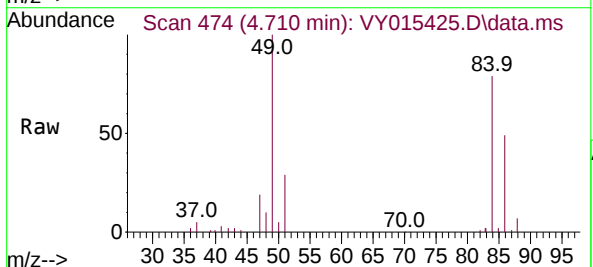
Instrument :
MSVOA_Y
ClientSampleId :
C-1

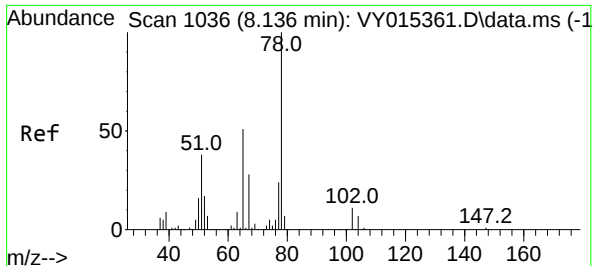
Tgt Ion:168 Resp: 141119
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#20
Methylene Chloride
Concen: 14.630 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

Tgt Ion: 84 Resp: 39238
Ion Ratio Lower Upper
84 100
49 126.0 106.9 160.3
51 37.1 33.2 49.8
86 61.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 61.603 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY015425.D

Acq: 01 Sep 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

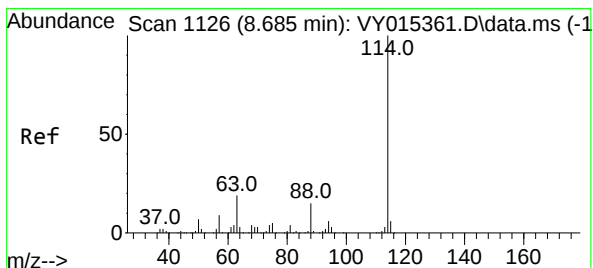
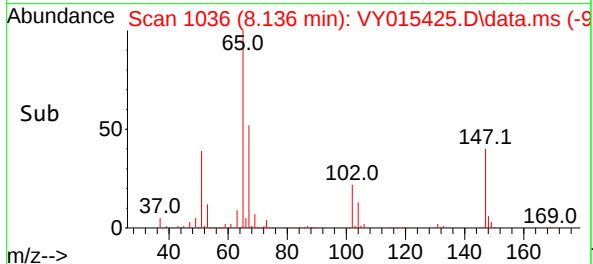
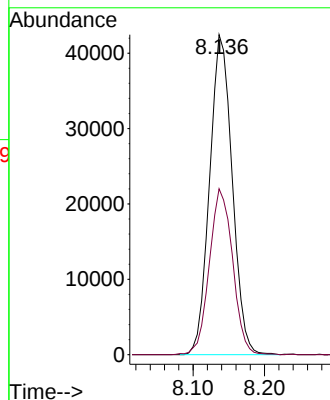
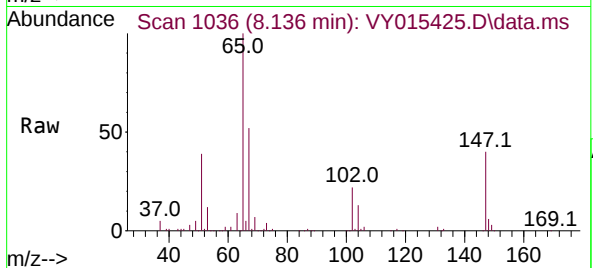
C-1

Tgt Ion: 65 Resp: 93192

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015425.D

Acq: 01 Sep 2023 19:02

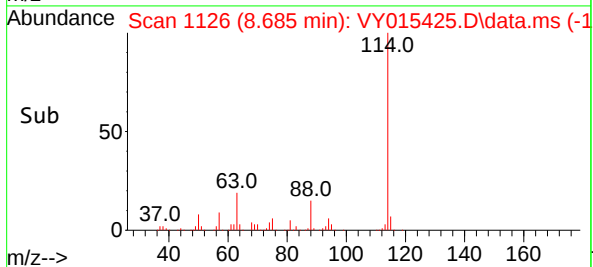
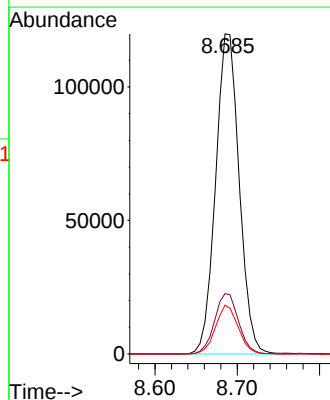
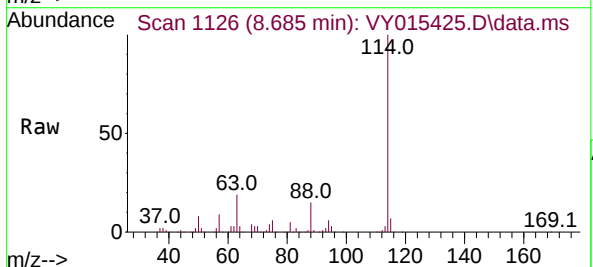
Tgt Ion: 114 Resp: 238769

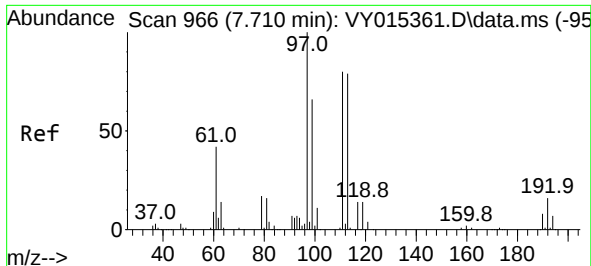
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.553 ug/l

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY015425.D

Acq: 01 Sep 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

C-1

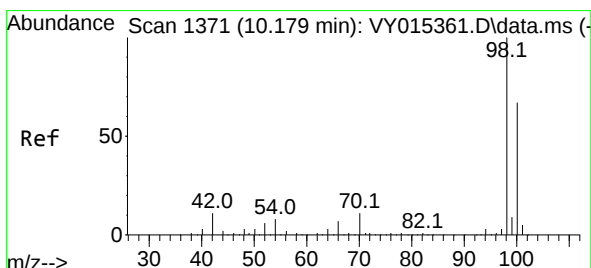
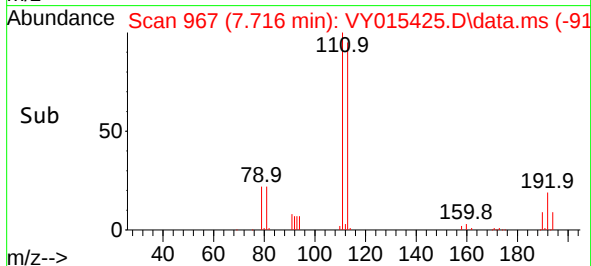
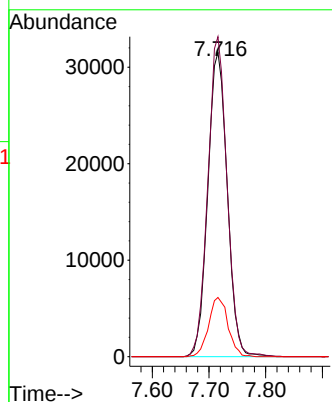
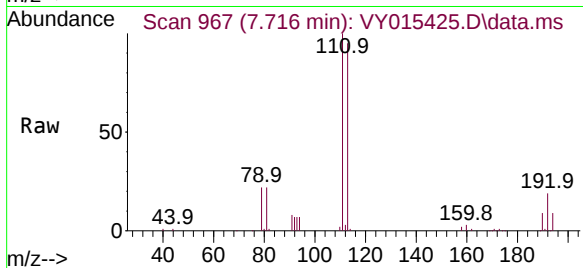
Tgt Ion:113 Resp: 75025

Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 19.5 16.9 25.3



#50

Toluene-d8

Concen: 55.880 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015425.D

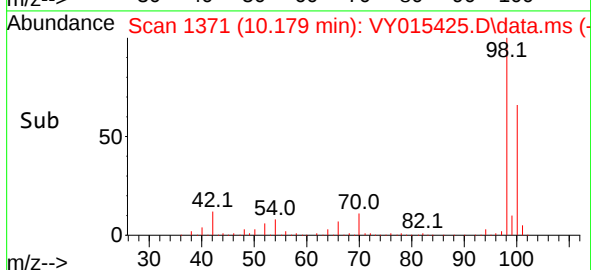
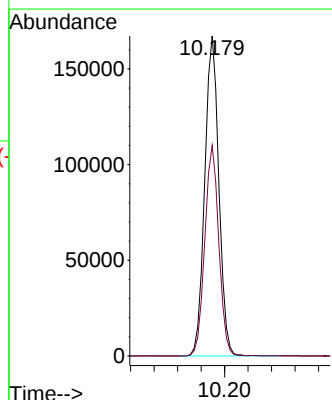
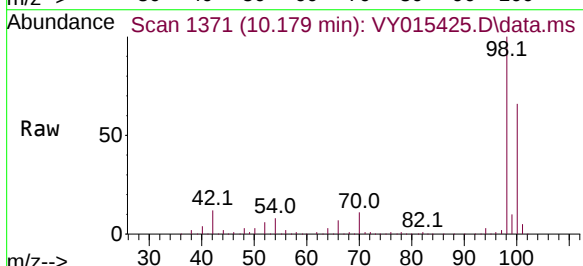
Acq: 01 Sep 2023 19:02

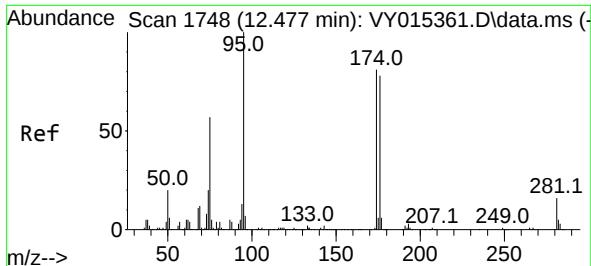
Tgt Ion: 98 Resp: 278302

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

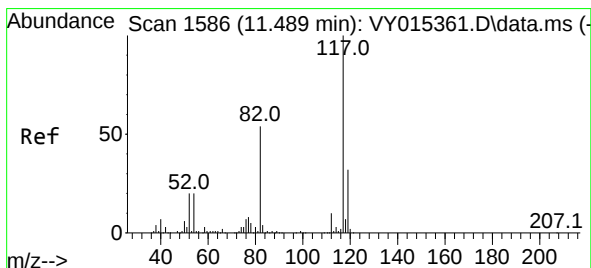
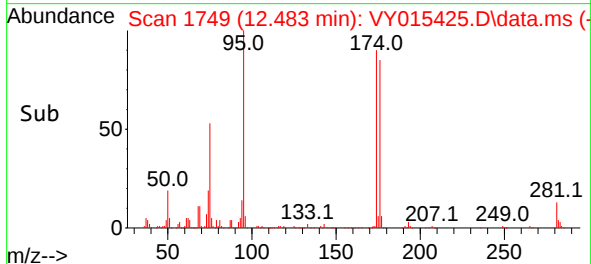
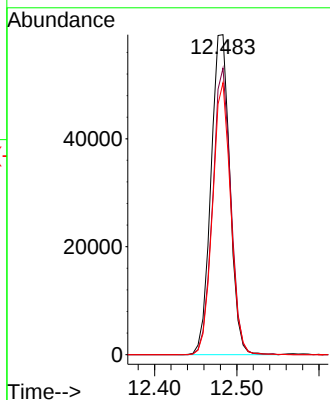
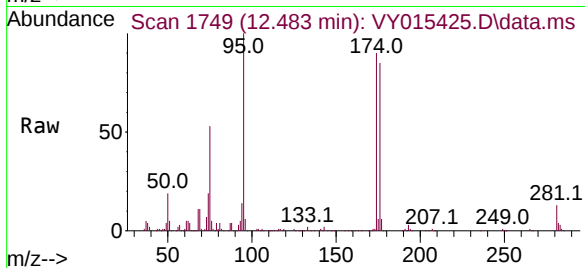




#62
4-Bromofluorobenzene
Concen: 51.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

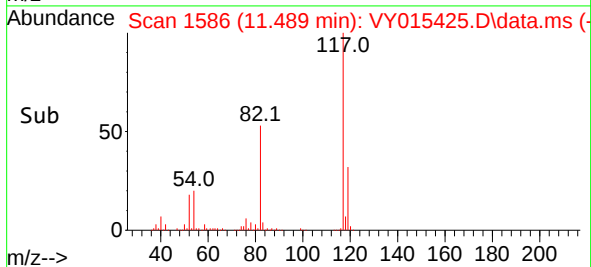
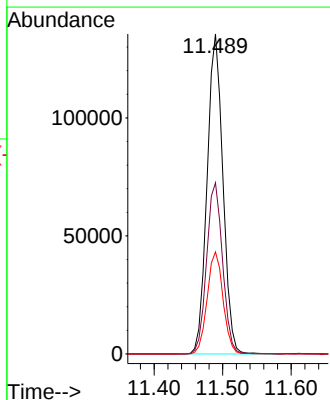
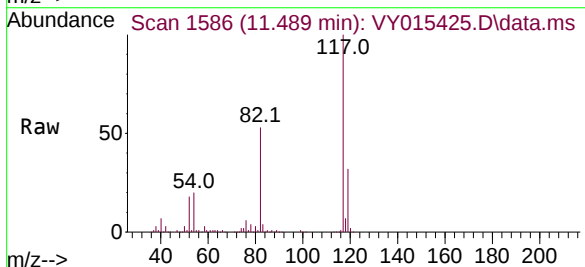
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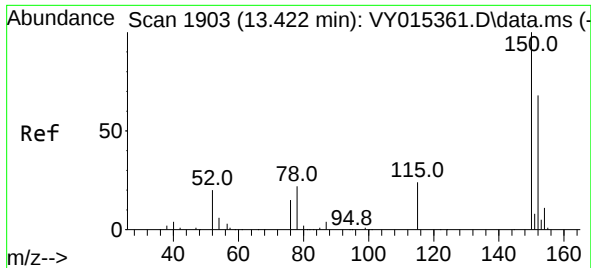
Tgt Ion: 95 Resp: 94647
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 81.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015425.D
Acq: 01 Sep 2023 19:02

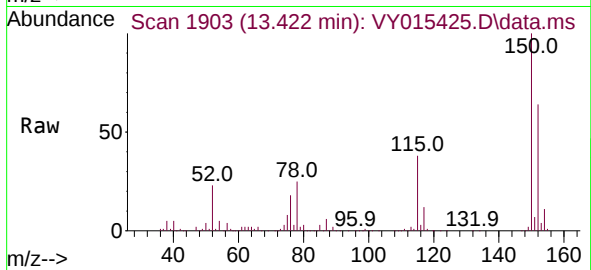
Tgt Ion: 117 Resp: 217523
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015425.D
 Acq: 01 Sep 2023 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1



Tgt Ion:152 Resp: 104890
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 156.9 0.0 348.8

