

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016086.D
 Acq On : 26 Oct 2023 18:41
 Operator : SY/MD
 Sample : 05051-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-BANK-2A

Quant Time: Oct 27 04:21:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

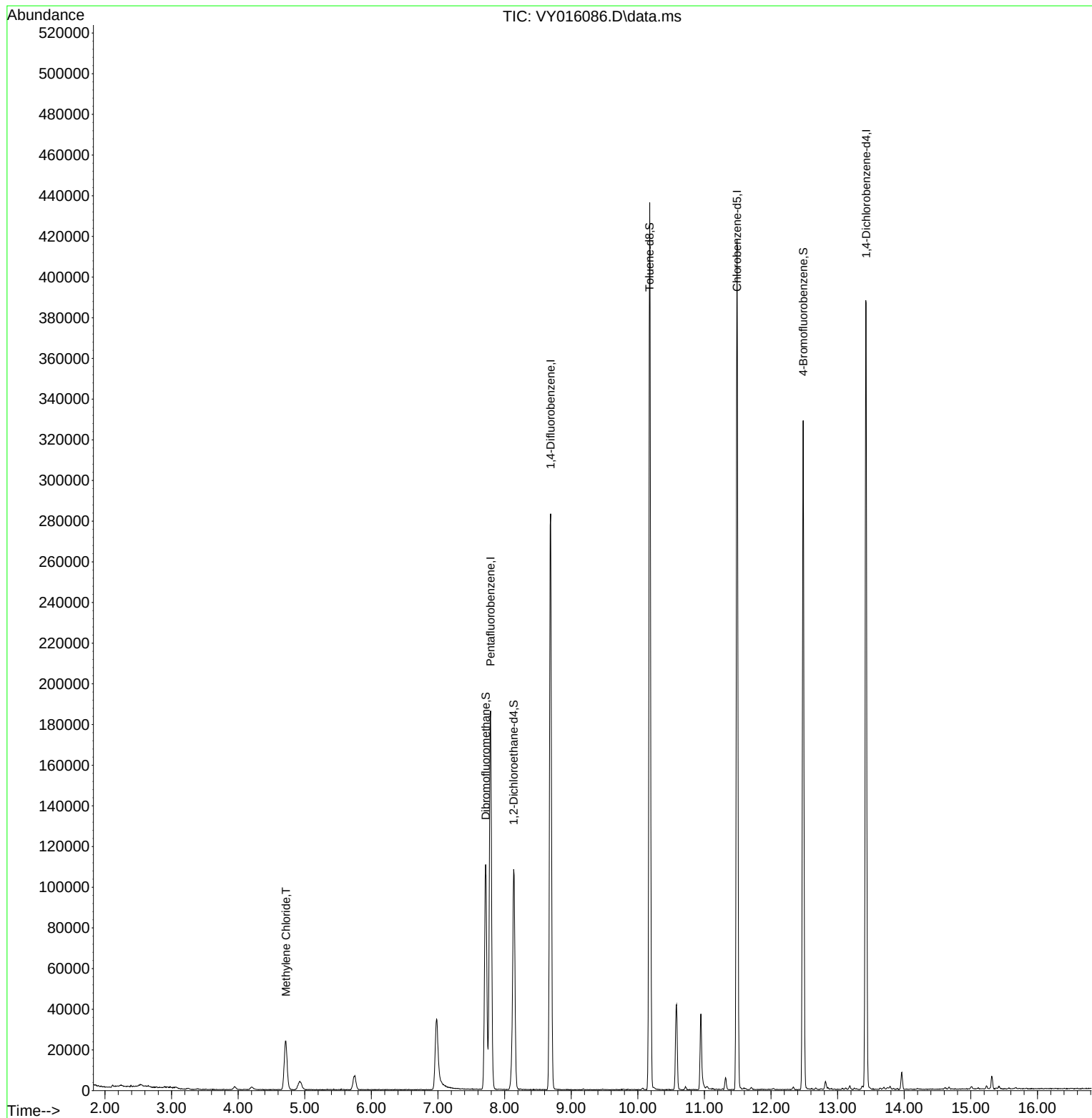
Internal Standards						
1) Pentafluorobenzene	7.789	168	151266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81648	54.282	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	108.560%	
35) Dibromofluoromethane	7.716	113	79488	49.286	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	98.580%	
50) Toluene-d8	10.179	98	287536	48.131	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	96.260%	
62) 4-Bromofluorobenzene	12.483	95	94492	46.110	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	92.220%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	18846	6.837	ug/l	88

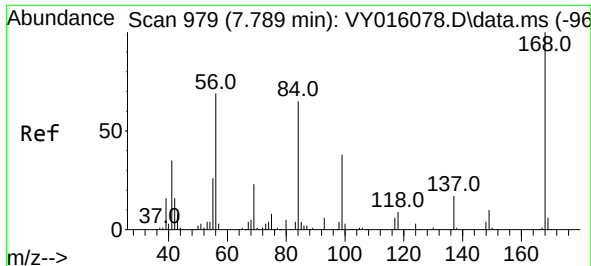
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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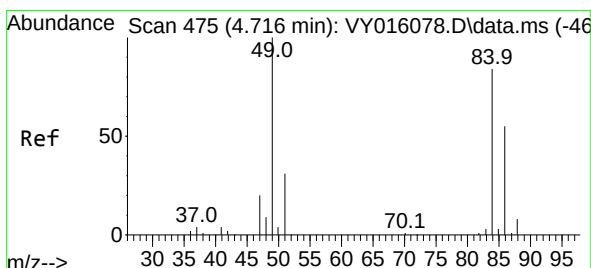
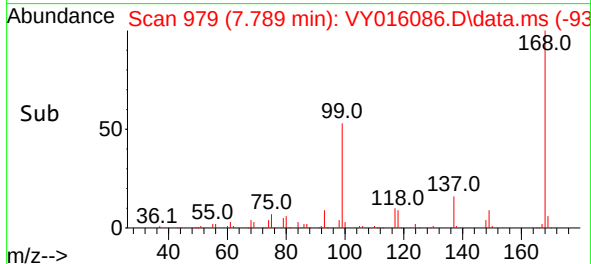
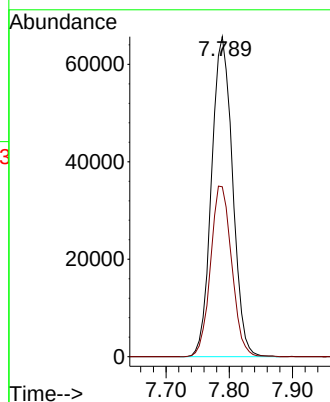
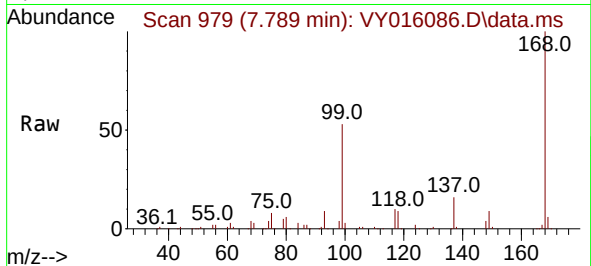




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

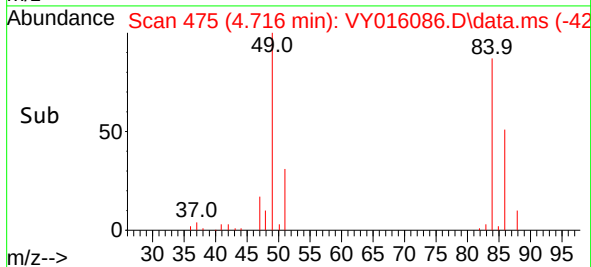
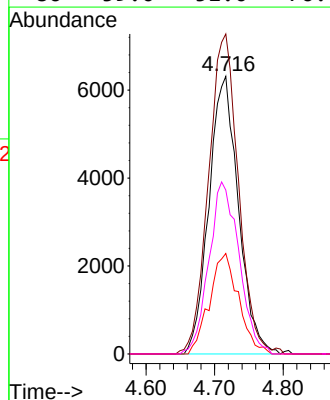
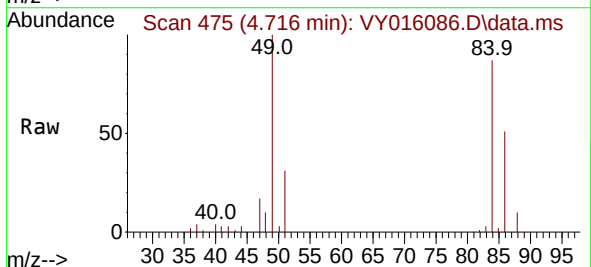
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-BANK-2A

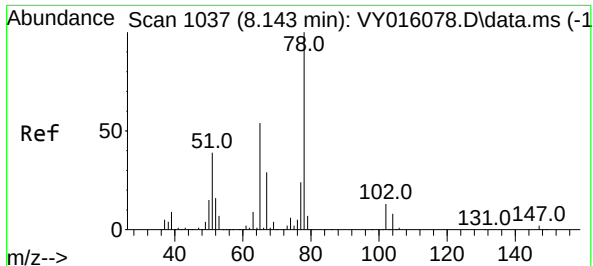
Tgt Ion:168 Resp: 151266
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#20
Methylene Chloride
Concen: 6.837 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Tgt Ion: 84 Resp: 18846
Ion Ratio Lower Upper
84 100
49 114.1 106.9 160.3
51 36.2 33.2 49.8
86 59.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.282 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY016086.D

Acq: 26 Oct 2023 18:41

Instrument :

MSVOA_Y

ClientSampleId :

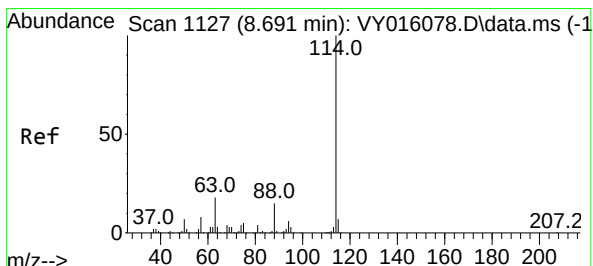
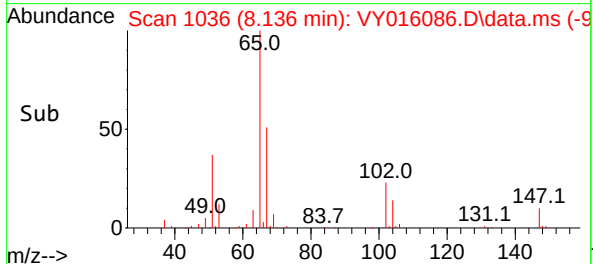
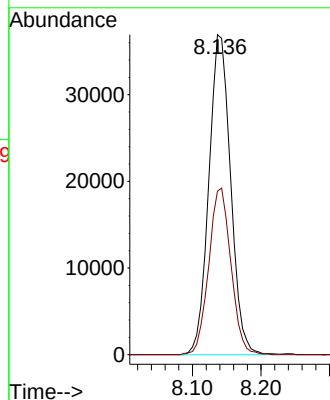
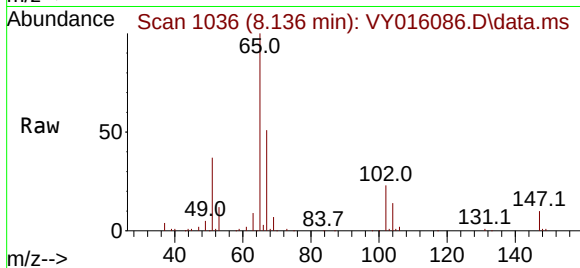
DUCT-BANK-2A

Tgt Ion: 65 Resp: 81648

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016086.D

Acq: 26 Oct 2023 18:41

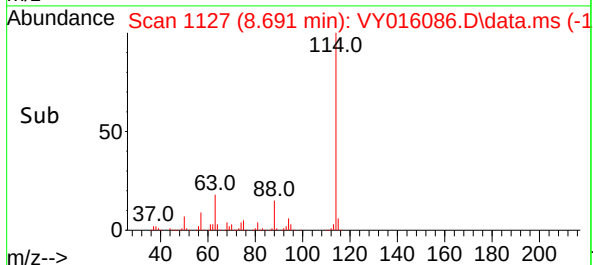
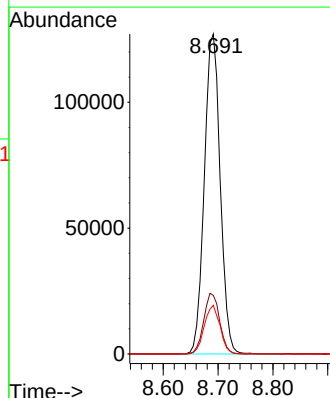
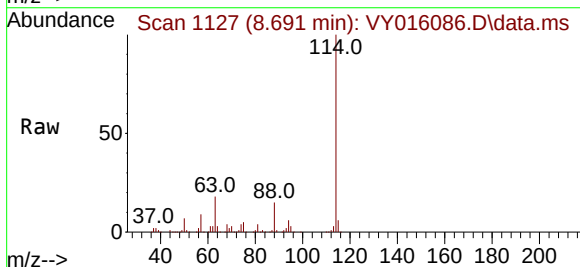
Tgt Ion: 114 Resp: 255475

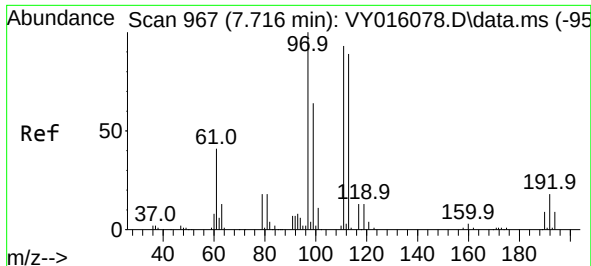
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 15.2 0.0 30.6

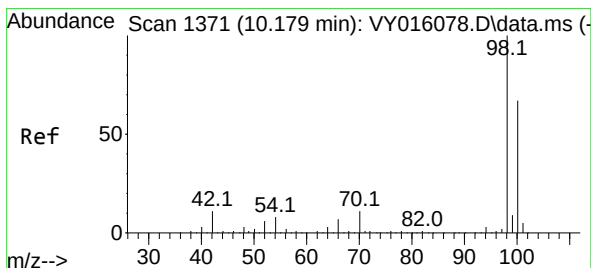
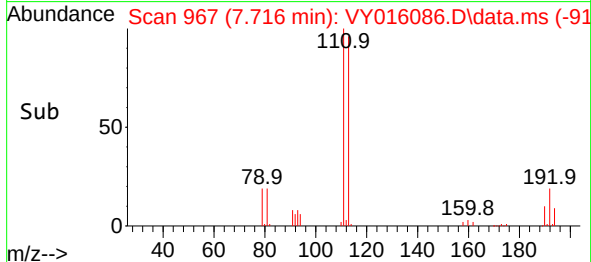
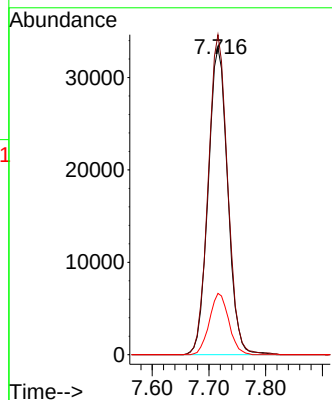
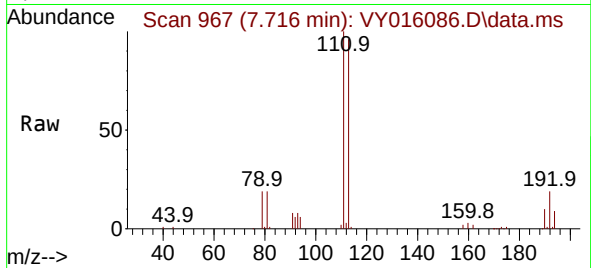




#35
Dibromofluoromethane
Concen: 49.286 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

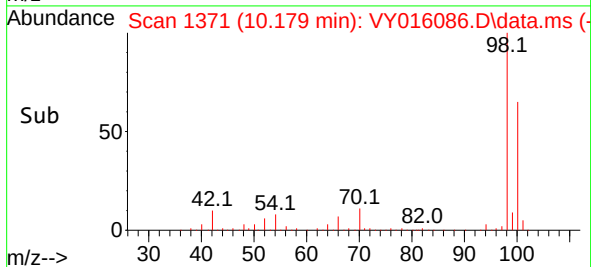
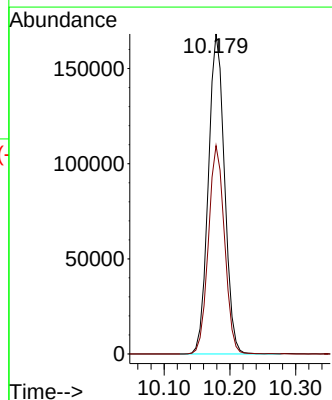
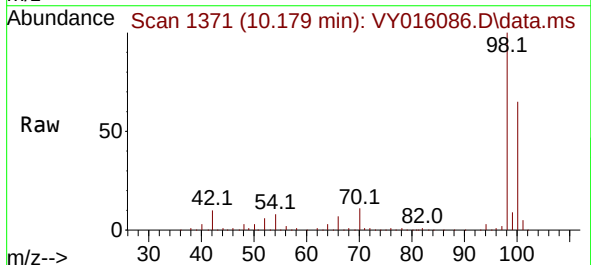
Instrument :
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ClientSampleId :
DUCT-BANK-2A

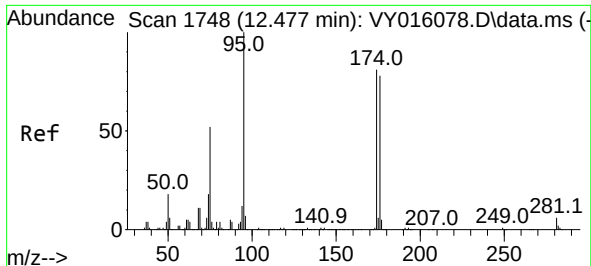
Tgt Ion:113 Resp: 79488
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 48.131 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Tgt Ion: 98 Resp: 287536
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

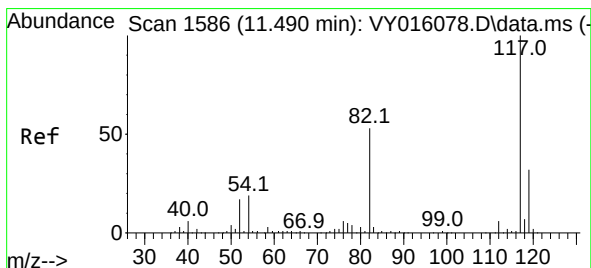
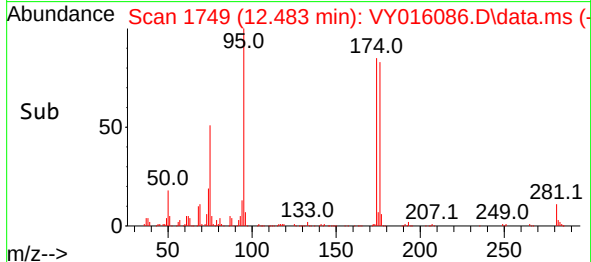
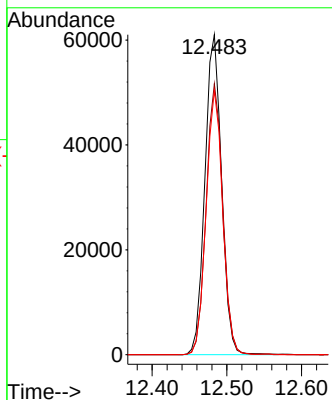
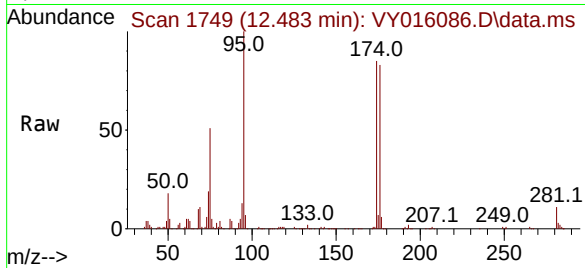




#62
4-Bromofluorobenzene
Concen: 46.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

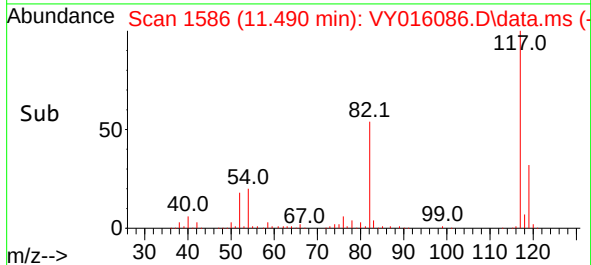
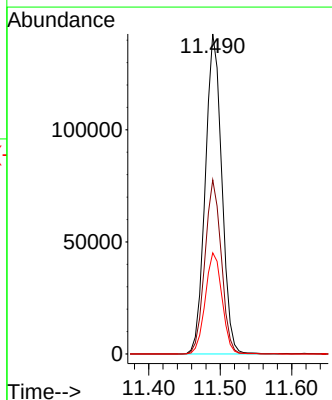
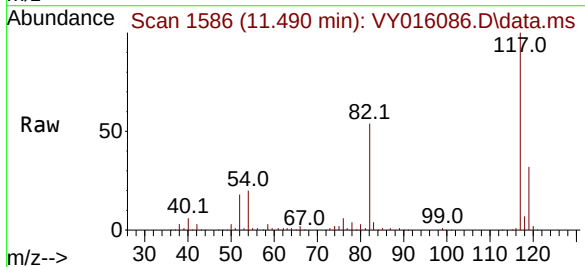
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-BANK-2A

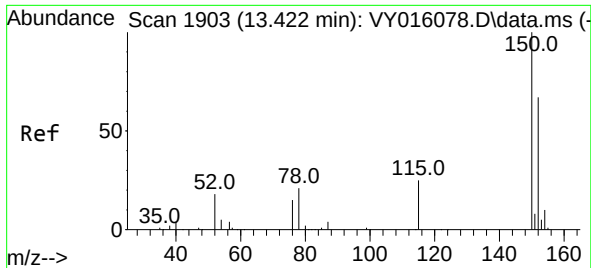
Tgt Ion: 95 Resp: 94492
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY016086.D
Acq: 26 Oct 2023 18:41

Tgt Ion: 117 Resp: 229053
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY016086.D
 Acq: 26 Oct 2023 18:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-BANK-2A

Tgt Ion:152 Resp: 105291
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.8 86.5
 150 156.1 0.0 348.8

