

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016599.D
 Acq On : 05 Dec 2023 16:20
 Operator : SY/MD
 Sample : 05599-05
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-03

Quant Time: Dec 06 02:26:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

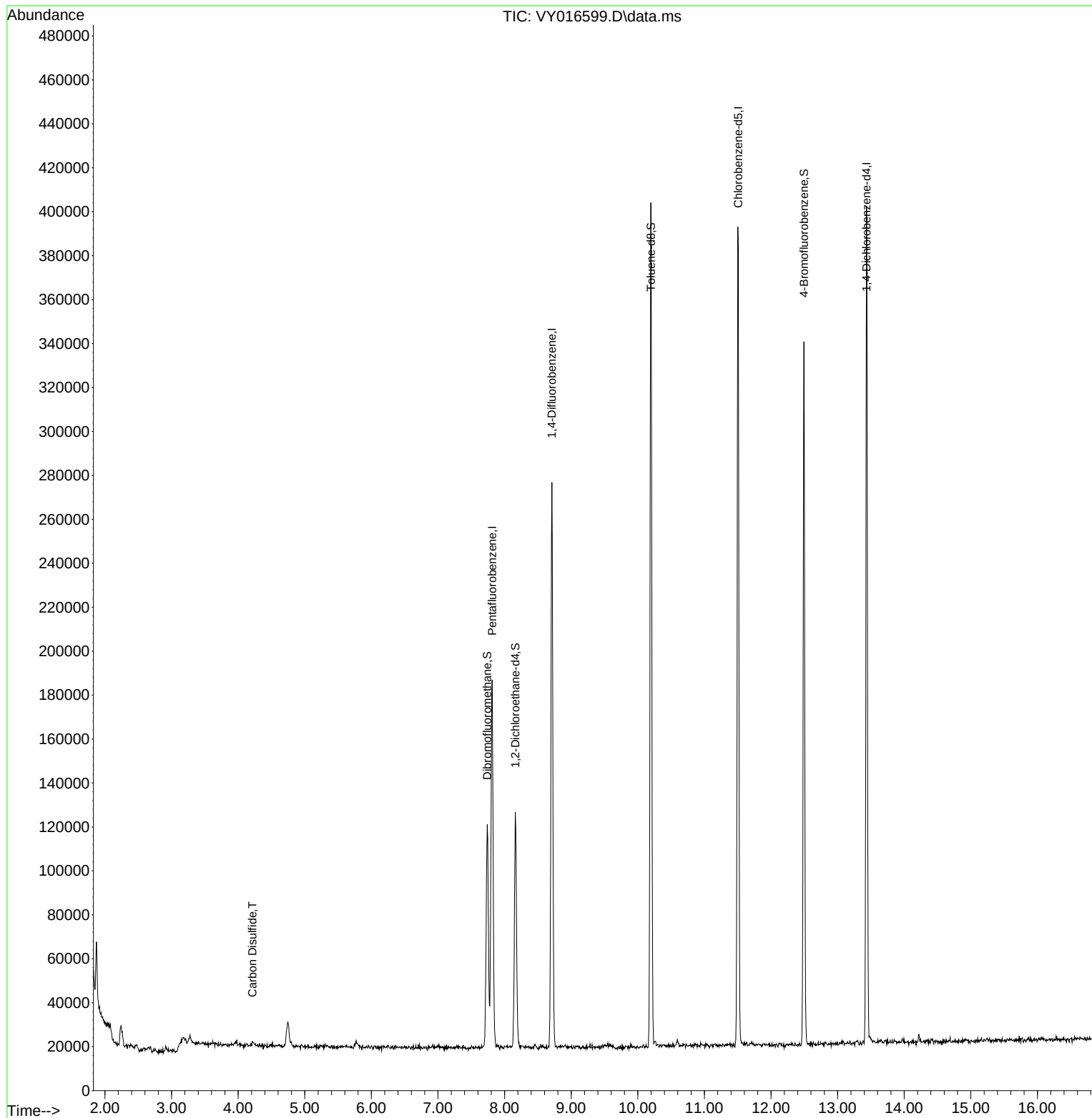
Internal Standards						
1) Pentafluorobenzene	7.813	168	132617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	220784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	216419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	87628	71.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.980%	
35) Dibromofluoromethane	7.740	113	70938	53.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.780%	
50) Toluene-d8	10.197	98	254791	50.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.400%	
62) 4-Bromofluorobenzene	12.495	95	92549	55.997	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.000%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.216	76	3446	1.043	ug/l	95

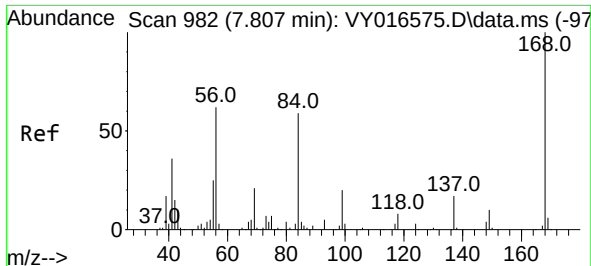
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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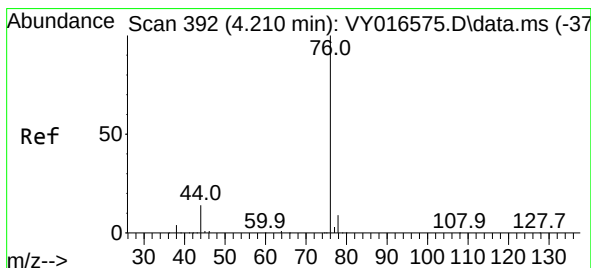
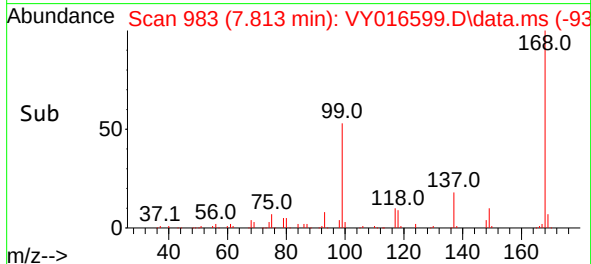
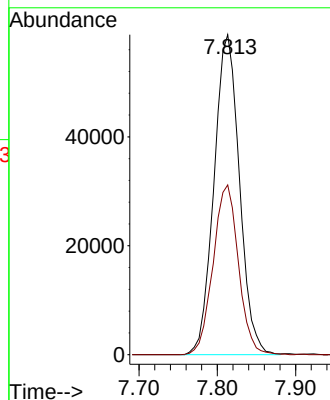
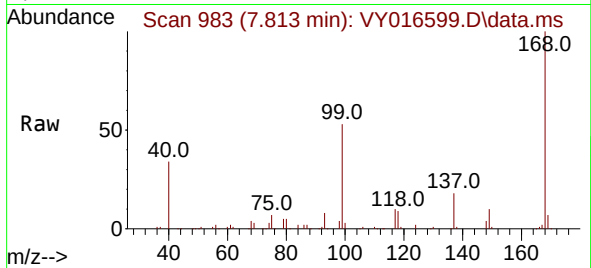




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016599.D
Acq: 05 Dec 2023 16:20

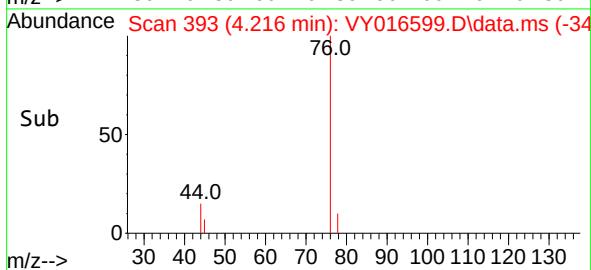
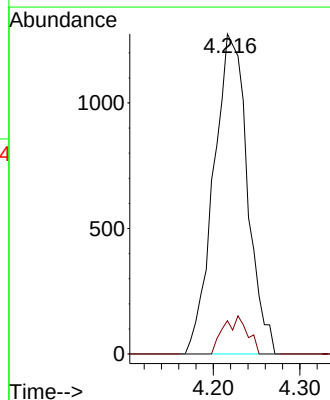
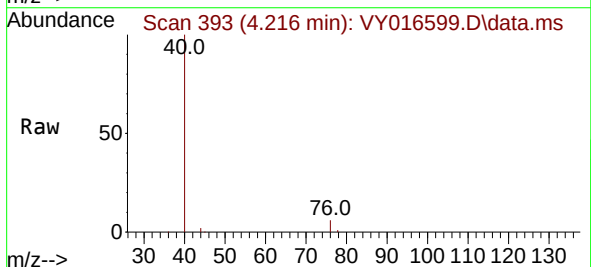
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-03

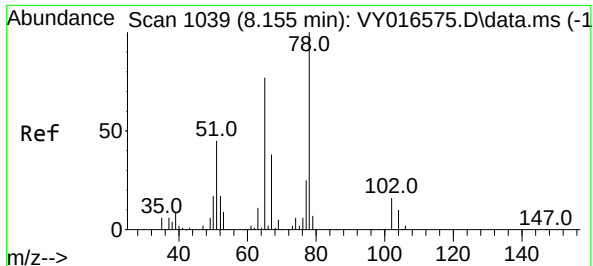
Tgt Ion:168 Resp: 132617
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#17
Carbon Disulfide
Concen: 1.043 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY016599.D
Acq: 05 Dec 2023 16:20

Tgt Ion: 76 Resp: 3446
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4





#33

1,2-Dichloroethane-d4

Concen: 71.490 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016599.D

Acq: 05 Dec 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

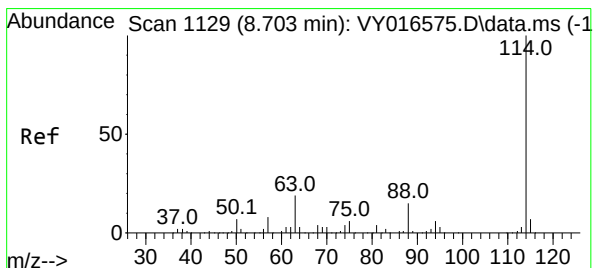
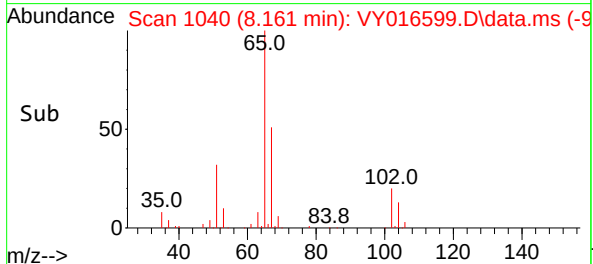
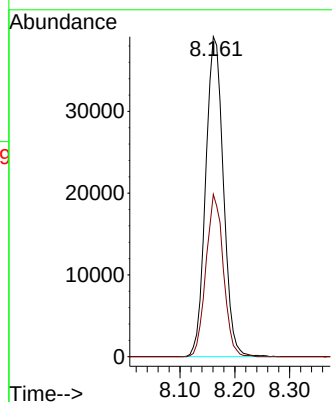
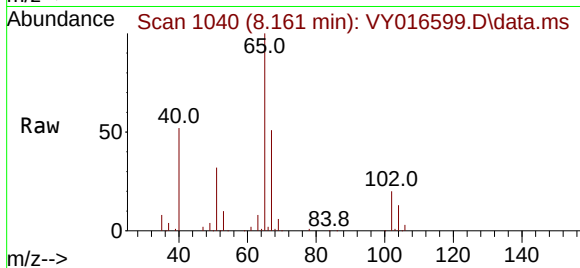
LKWD-BACKFILL-03

Tgt Ion: 65 Resp: 87628

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016599.D

Acq: 05 Dec 2023 16:20

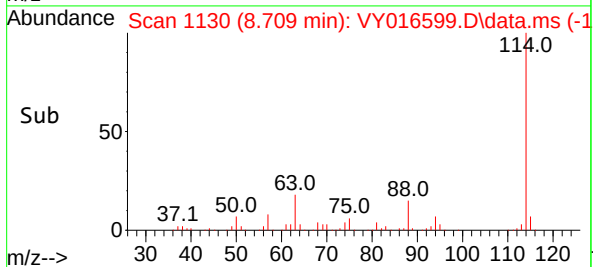
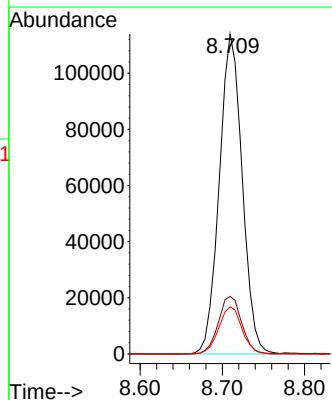
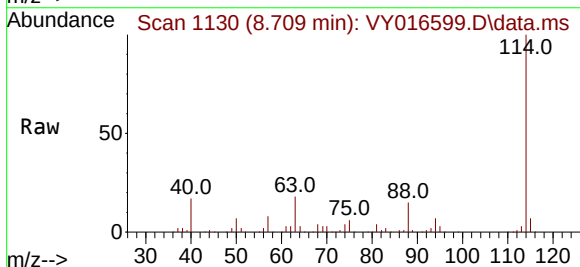
Tgt Ion: 114 Resp: 220784

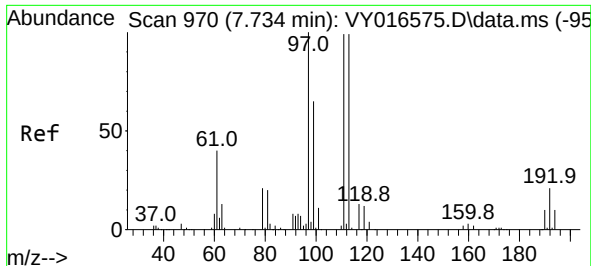
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

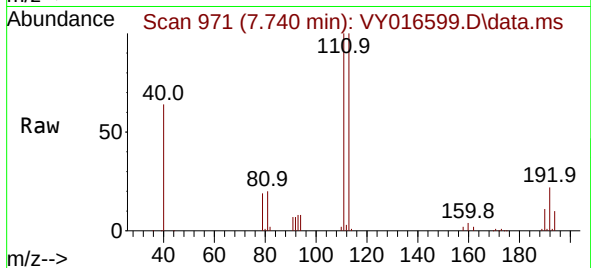
88 14.7 0.0 30.6



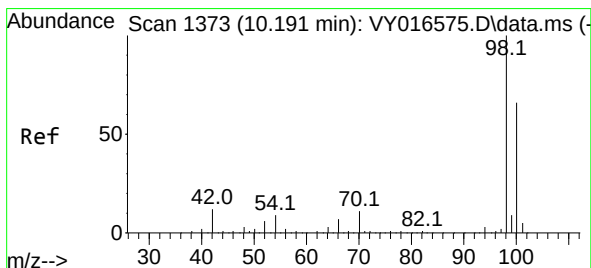
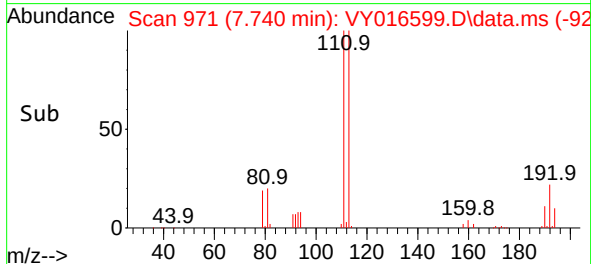
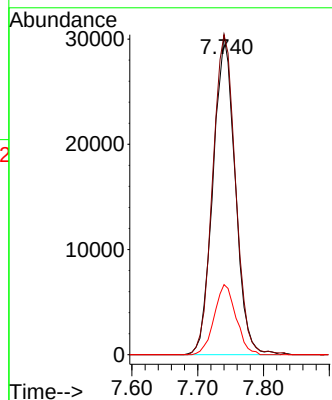


#35
 Dibromofluoromethane
 Concen: 53.390 ug/l
 RT: 7.740 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY016599.D
 Acq: 05 Dec 2023 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-03

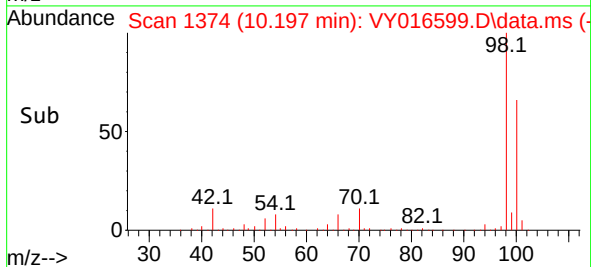
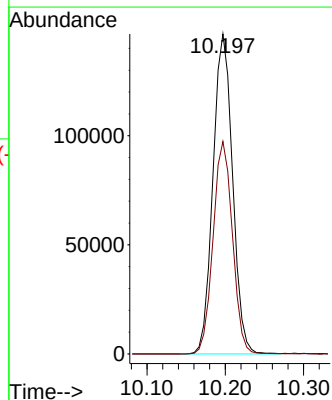
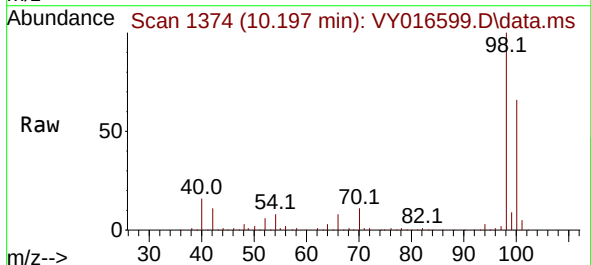


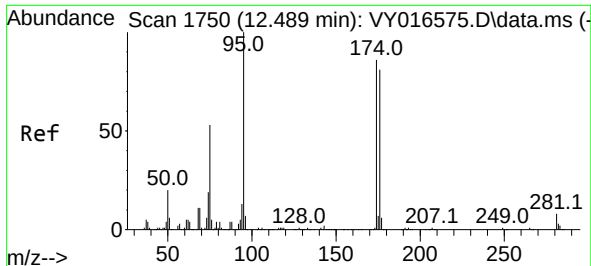
Tgt Ion:113 Resp: 70938
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.3 121.9
 192 21.7 16.9 25.3



#50
 Toluene-d8
 Concen: 50.696 ug/l
 RT: 10.197 min Scan# 1374
 Delta R.T. 0.006 min
 Lab File: VY016599.D
 Acq: 05 Dec 2023 16:20

Tgt Ion: 98 Resp: 254791
 Ion Ratio Lower Upper
 98 100
 100 65.6 50.1 75.1

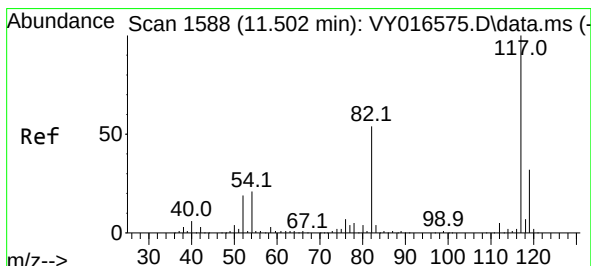
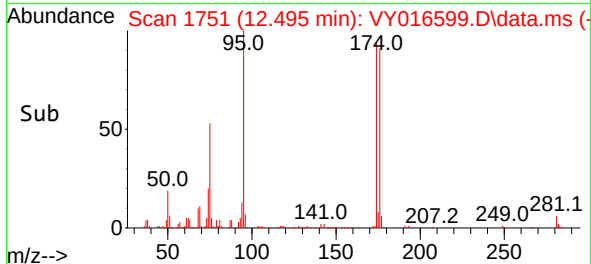
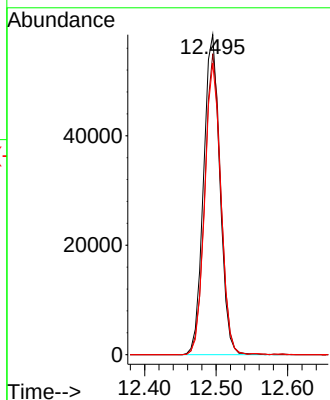
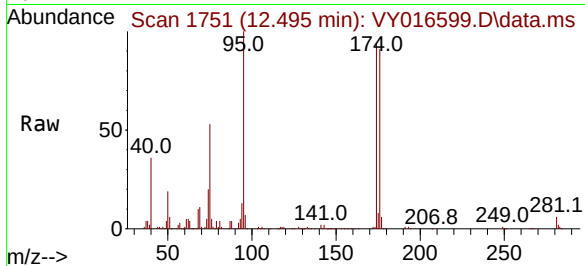




#62
4-Bromofluorobenzene
Concen: 55.997 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016599.D
Acq: 05 Dec 2023 16:20

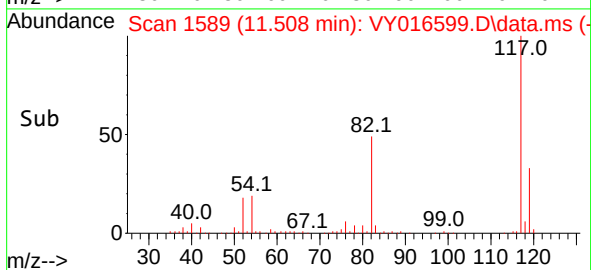
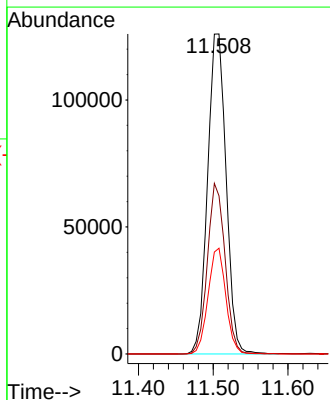
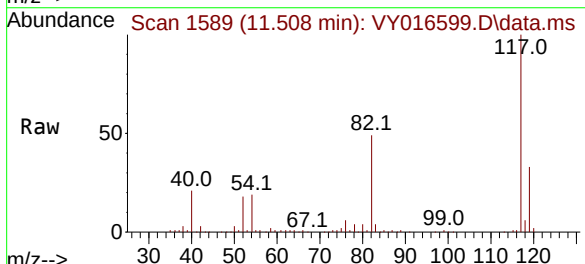
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-03

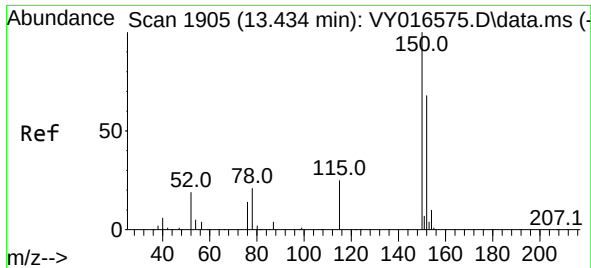
Tgt Ion: 95 Resp: 92549
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.2
176 90.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016599.D
Acq: 05 Dec 2023 16:20

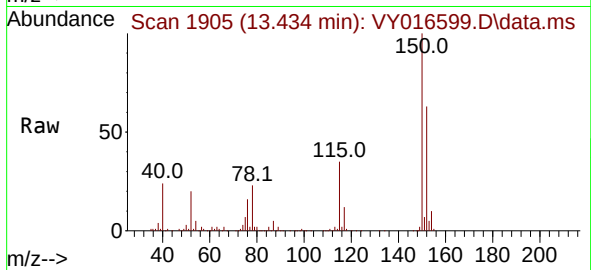
Tgt Ion: 117 Resp: 216419
Ion Ratio Lower Upper
117 100
82 49.4 43.4 65.0
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016599.D
 Acq: 05 Dec 2023 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-03



Tgt Ion:152 Resp: 103023
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.8 86.5
 150 155.6 0.0 348.8

