

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016601.D
 Acq On : 05 Dec 2023 17:06
 Operator : SY/MD
 Sample : 05599-09
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-05

Quant Time: Dec 06 02:27:06 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)

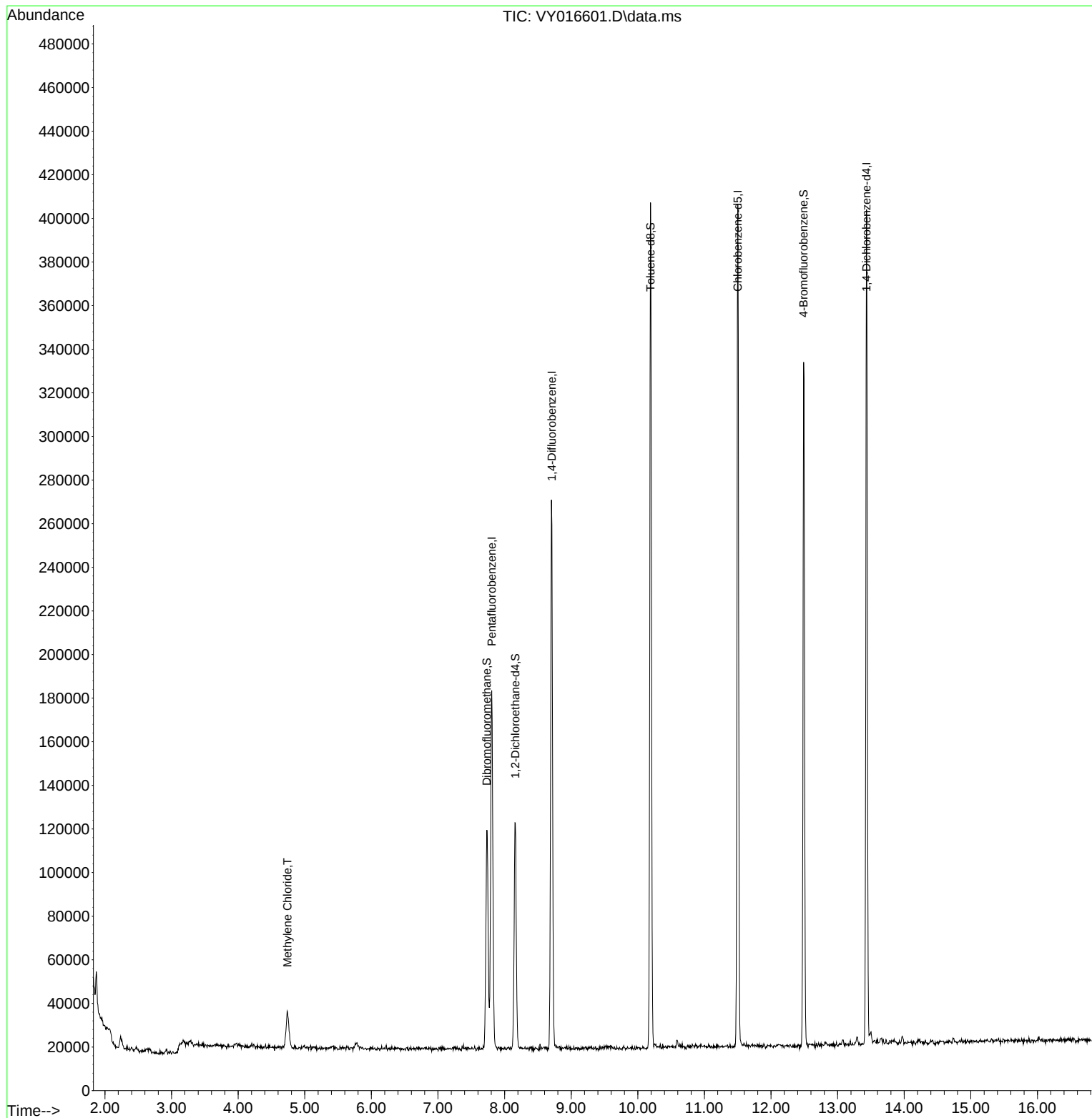
Internal Standards						
1) Pentafluorobenzene	7.807	168	133225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	219453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	218074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	86312	70.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.200%	
35) Dibromofluoromethane	7.734	113	71220	53.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.860%	
50) Toluene-d8	10.191	98	255317	51.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.489	95	92783	56.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.960%	
Target Compounds						
20) Methylene Chloride	4.740	84	13226	7.932	ug/l	Qvalue 87

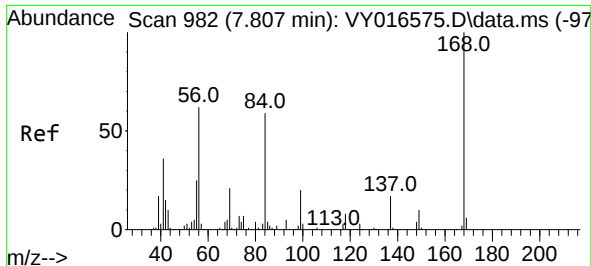
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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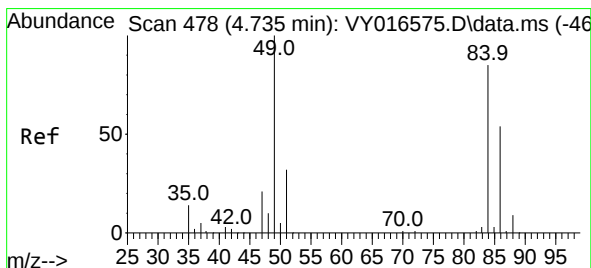
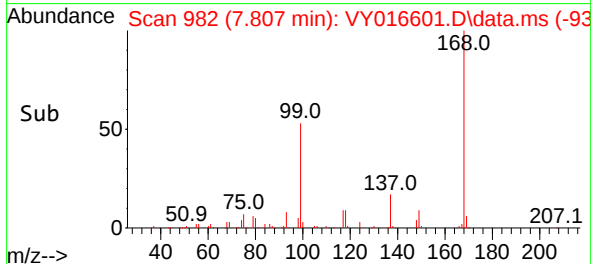
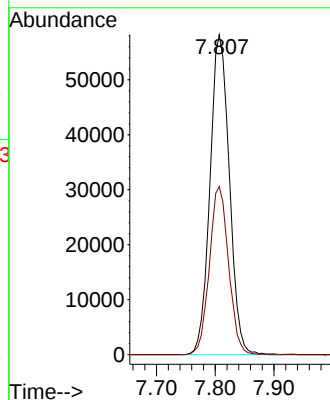
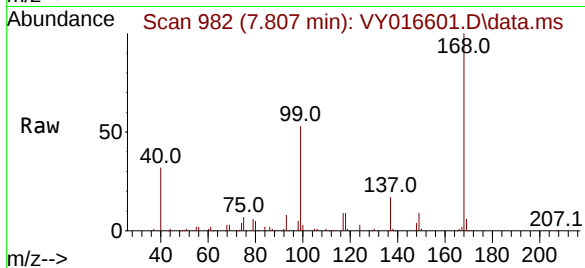




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

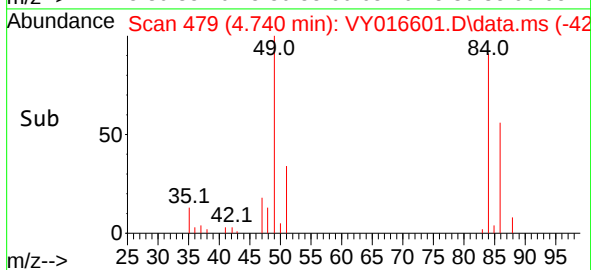
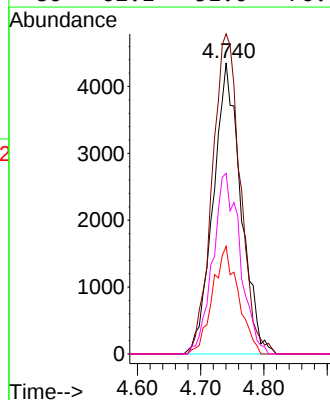
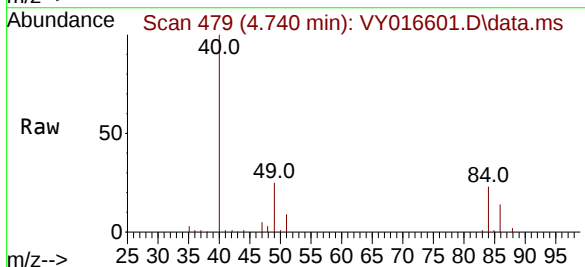
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-05

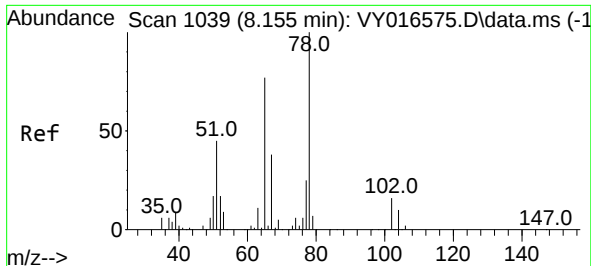
Tgt Ion:168 Resp: 133225
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#20
Methylene Chloride
Concen: 7.932 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.005 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

Tgt Ion: 84 Resp: 13226
Ion Ratio Lower Upper
84 100
49 109.9 106.9 160.3
51 37.0 33.2 49.8
86 62.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 70.095 ug/l

RT: 8.160 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016601.D

Acq: 05 Dec 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

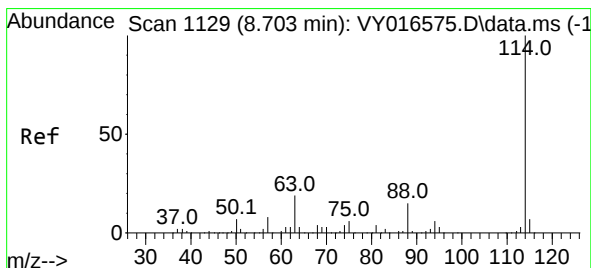
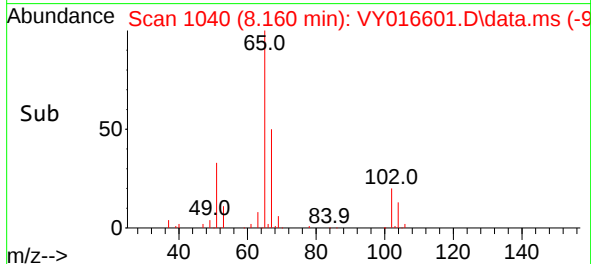
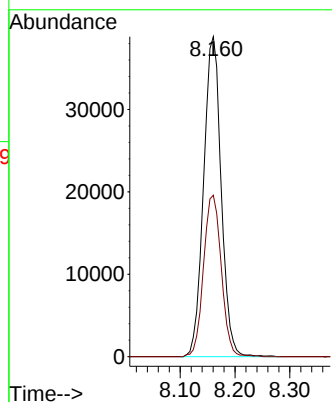
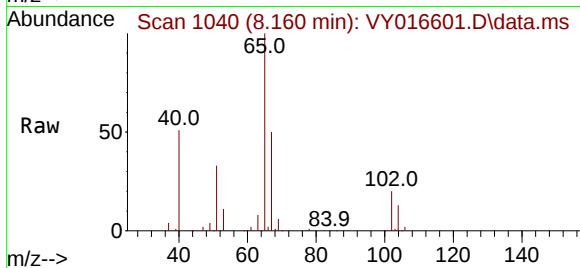
LKWD-BACKFILL-05

Tgt Ion: 65 Resp: 86312

Ion Ratio Lower Upper

65 100

67 51.0 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: VY016601.D

Acq: 05 Dec 2023 17:06

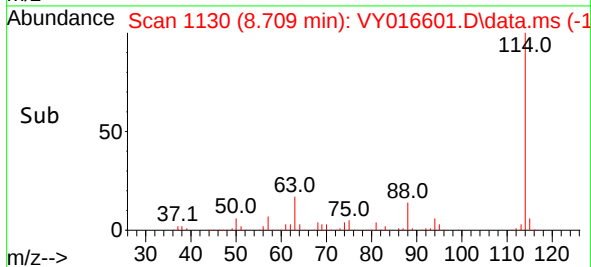
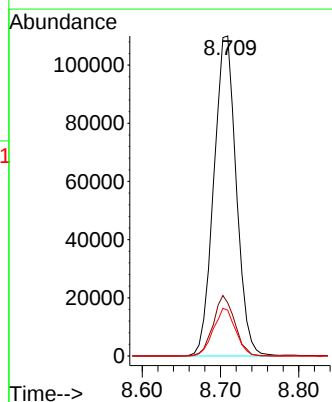
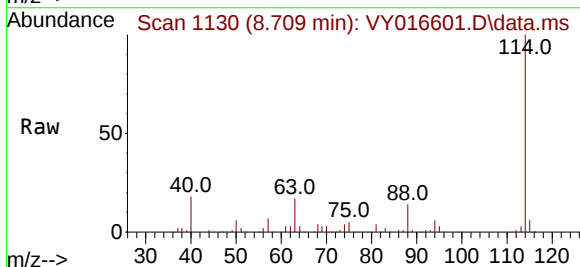
Tgt Ion: 114 Resp: 219453

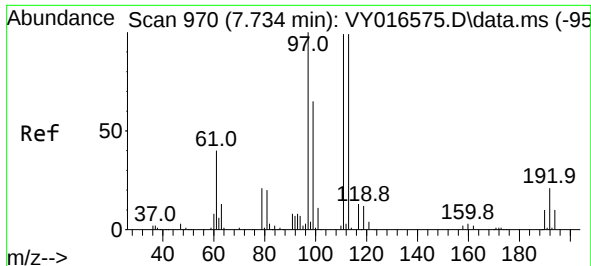
Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.4

88 14.3 0.0 30.6

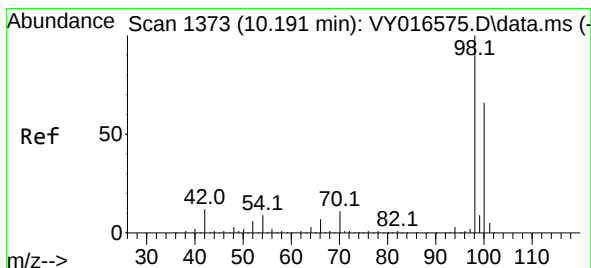
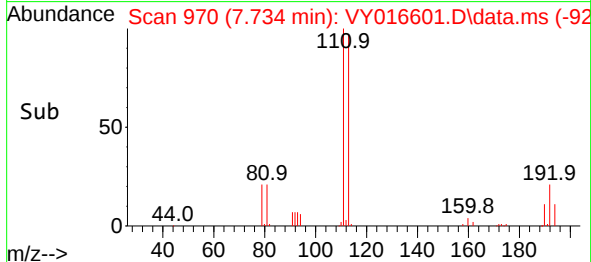
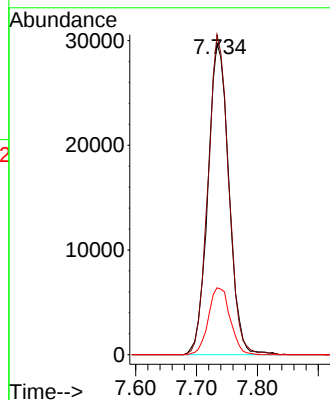
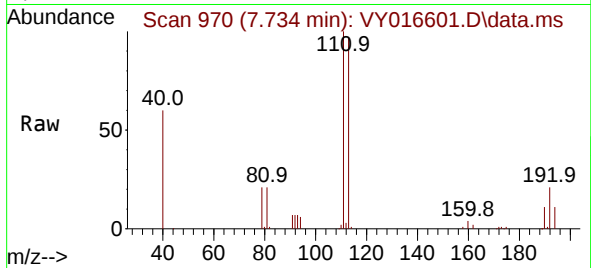




#35
Dibromofluoromethane
Concen: 53.927 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

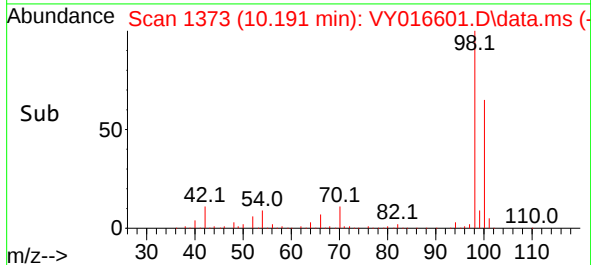
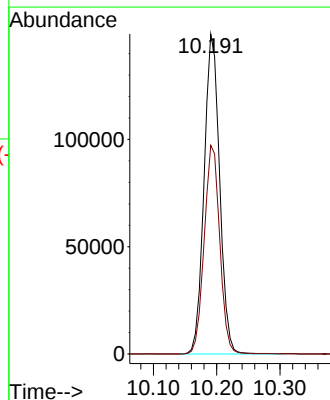
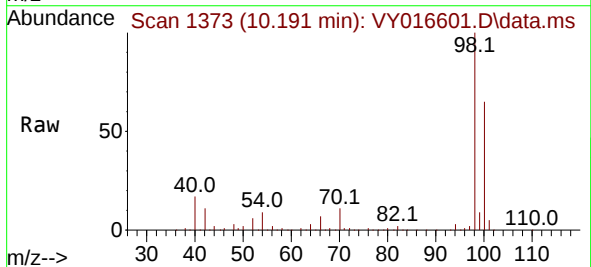
Instrument :
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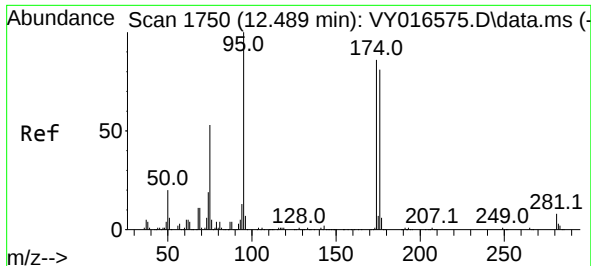
Tgt Ion:113 Resp: 71220
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 22.3 16.9 25.3



#50
Toluene-d8
Concen: 51.109 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

Tgt Ion: 98 Resp: 255317
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

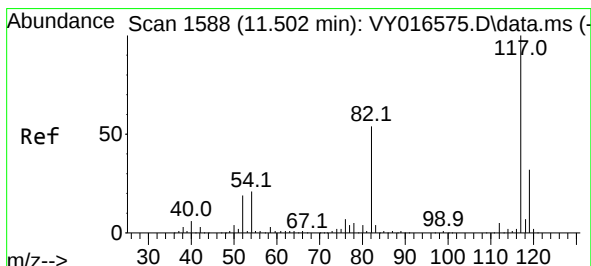
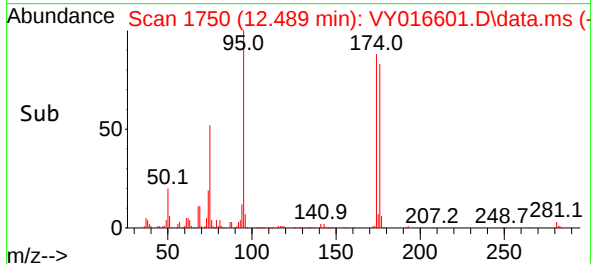
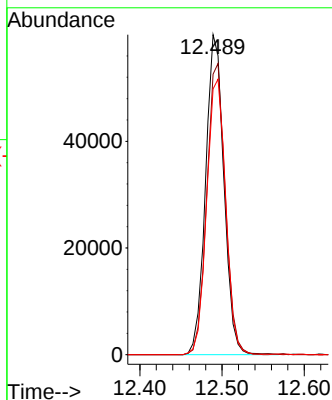
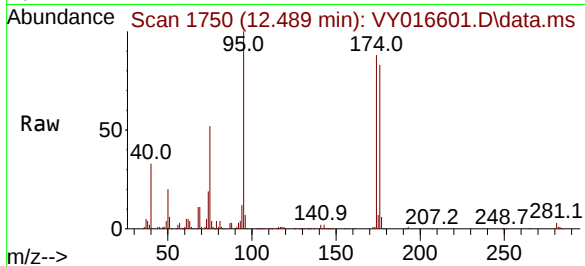




#62
4-Bromofluorobenzene
Concen: 56.479 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

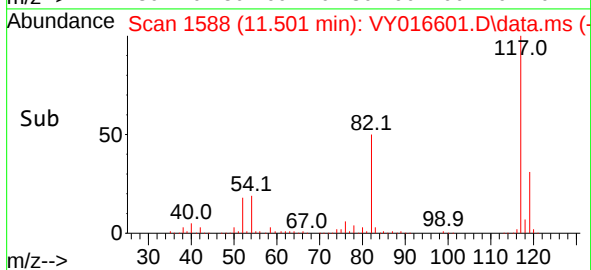
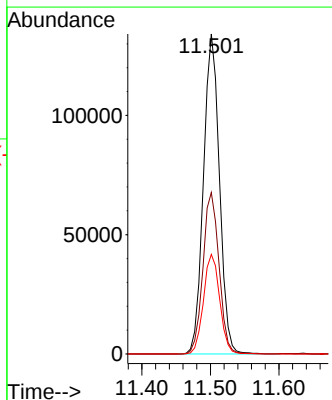
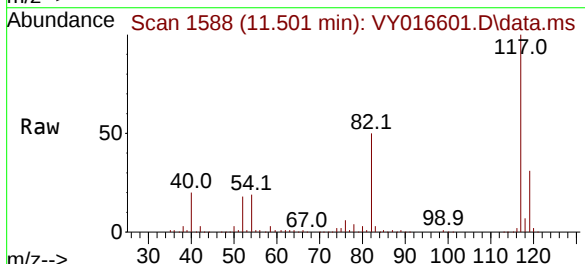
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LKWD-BACKFILL-05

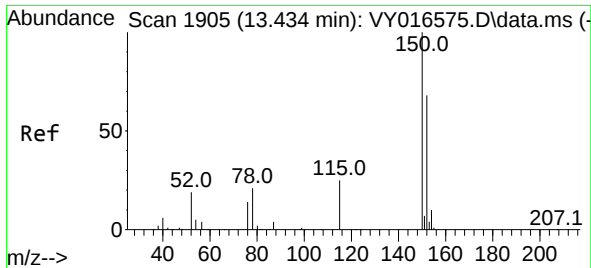
Tgt Ion:	95	Resp:	92783
Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	178.2
176	89.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

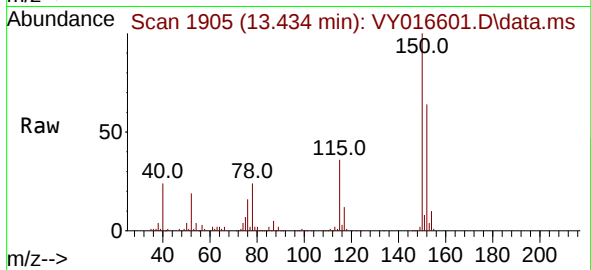
Tgt Ion:	117	Resp:	218074
Ion	Ratio	Lower	Upper
117	100		
82	50.5	43.4	65.0
119	31.1	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016601.D
 Acq: 05 Dec 2023 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-05



Tgt Ion:152 Resp: 103412

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.8	86.5
150	155.8	0.0	348.8

