

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016604.D
 Acq On : 05 Dec 2023 18:17
 Operator : SY/MD
 Sample : 05599-15
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-08

Quant Time: Dec 06 02:28:12 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)

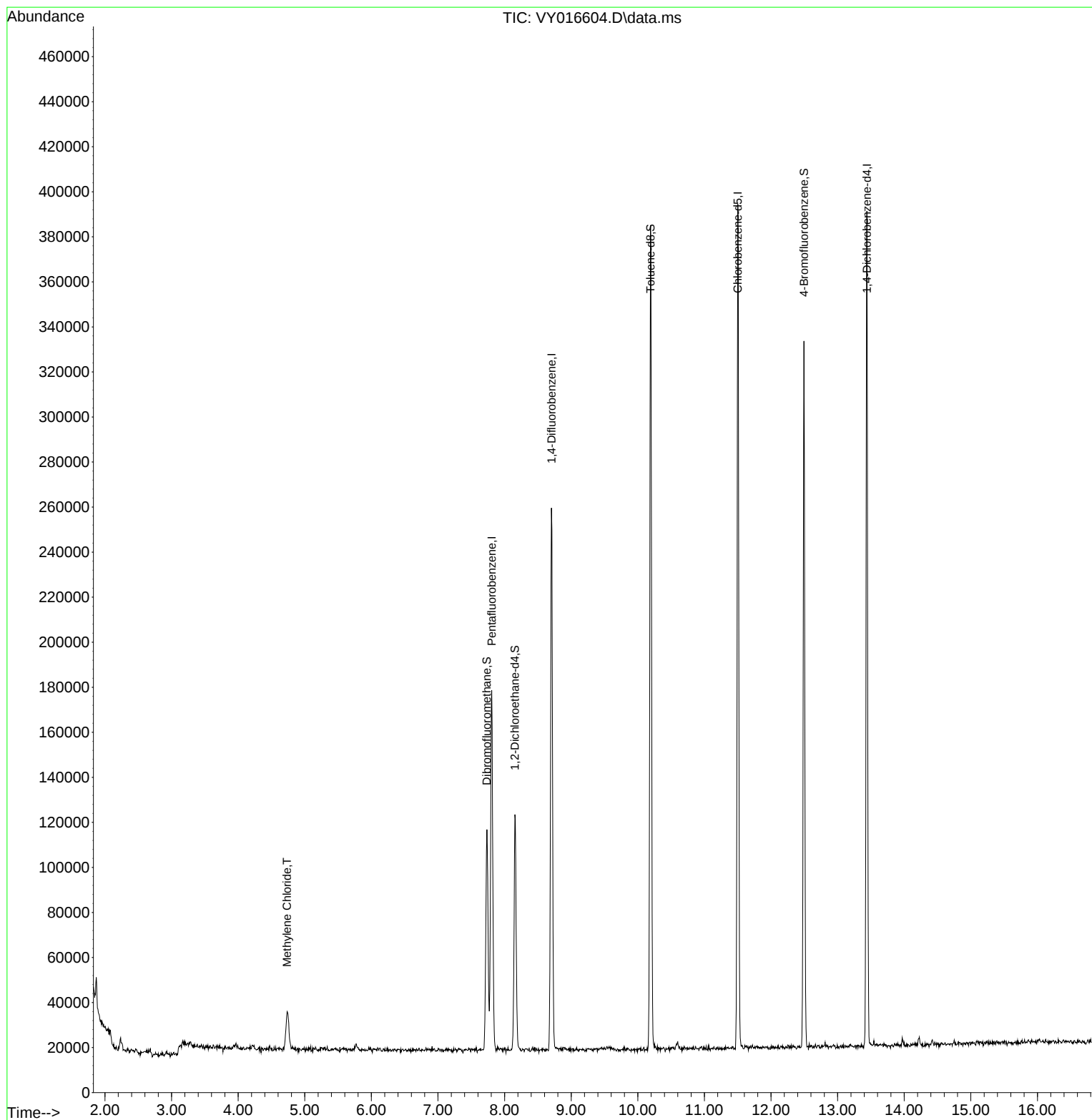
Internal Standards						
1) Pentafluorobenzene	7.807	168	128869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	213497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	208508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	99779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	83112	69.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.560%	
35) Dibromofluoromethane	7.734	113	68398	53.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.191	98	247642	50.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.495	95	89480	55.988	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.980%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	13635	8.692	ug/l #	89

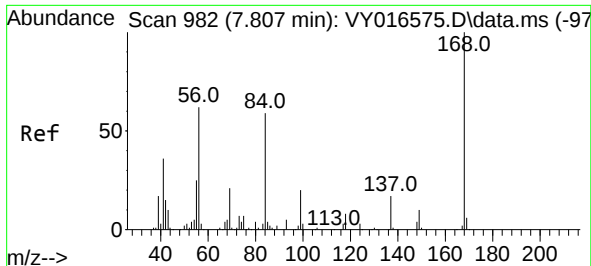
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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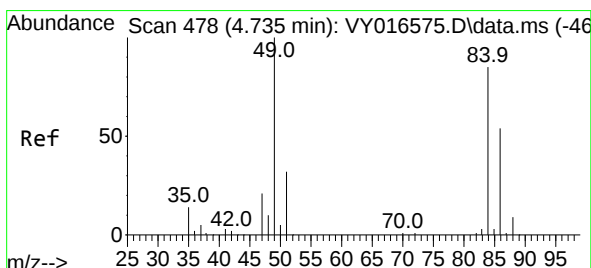
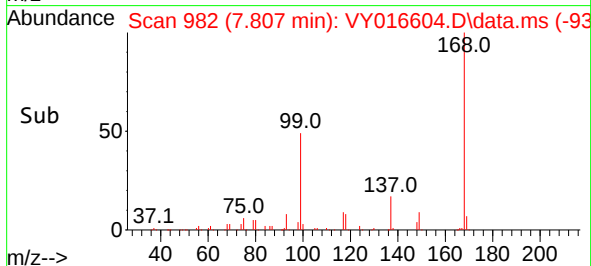
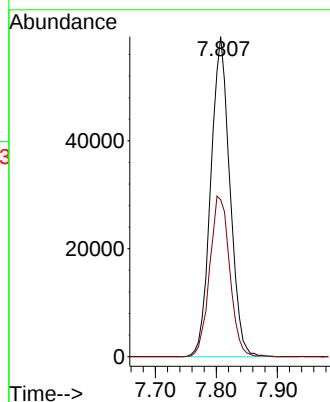
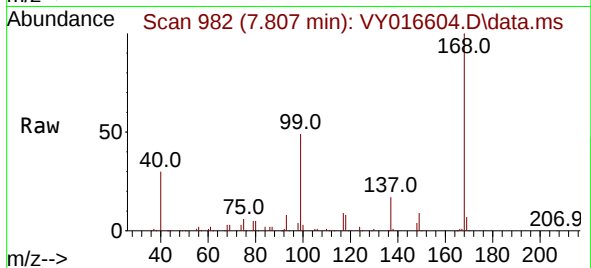




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY016604.D
Acq: 05 Dec 2023 18:17

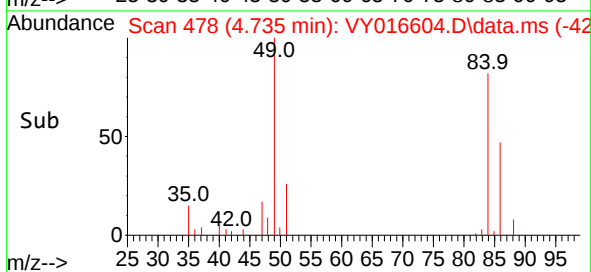
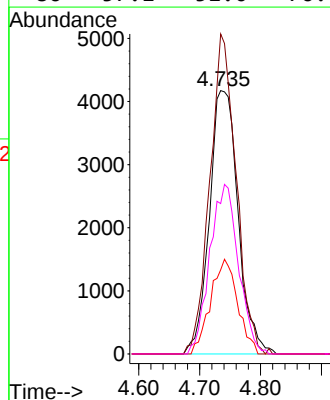
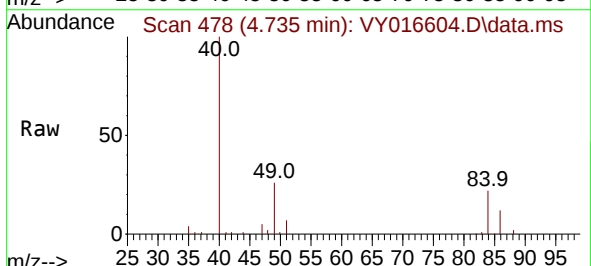
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-08

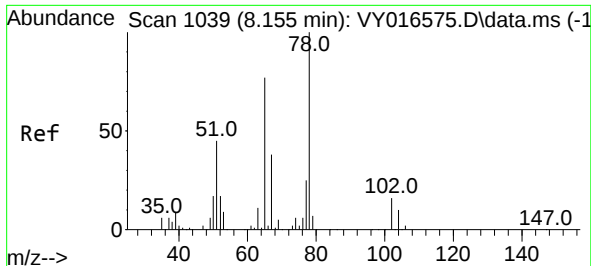
Tgt Ion:168 Resp: 128869
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.0



#20
Methylene Chloride
Concen: 8.692 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY016604.D
Acq: 05 Dec 2023 18:17

Tgt Ion: 84 Resp: 13635
Ion Ratio Lower Upper
84 100
49 121.5 106.9 160.3
51 32.0 33.2 49.8#
86 57.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 69.778 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016604.D

Acq: 05 Dec 2023 18:17

Instrument :

MSVOA_Y

ClientSampleId :

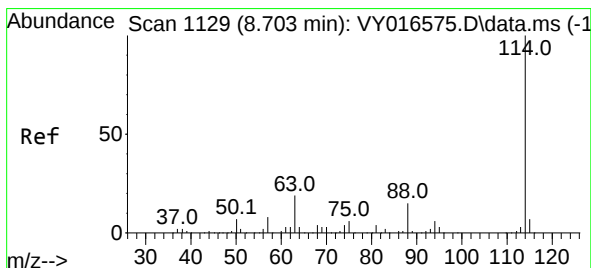
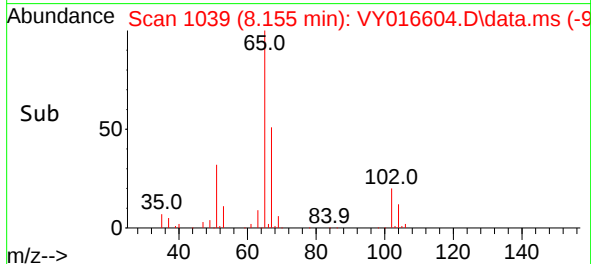
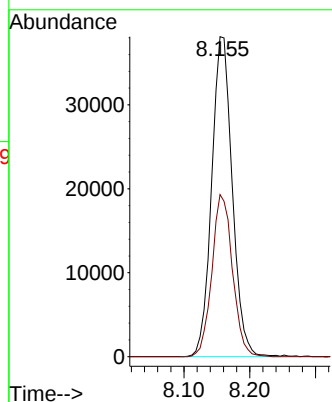
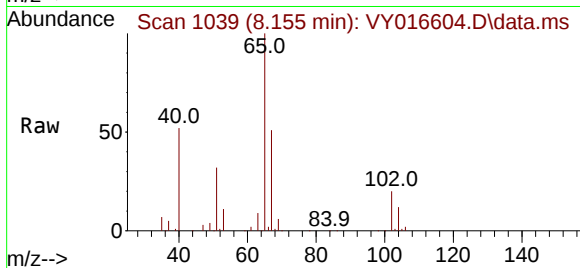
LKWD-BACKFILL-08

Tgt Ion: 65 Resp: 83112

Ion Ratio Lower Upper

65 100

67 50.6 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: VY016604.D

Acq: 05 Dec 2023 18:17

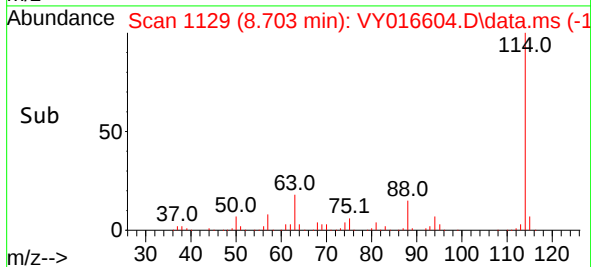
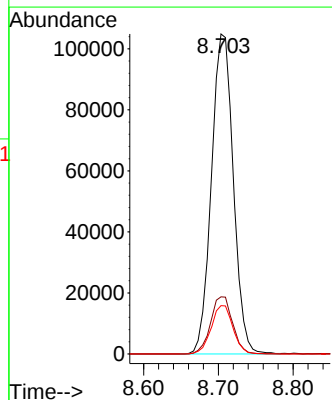
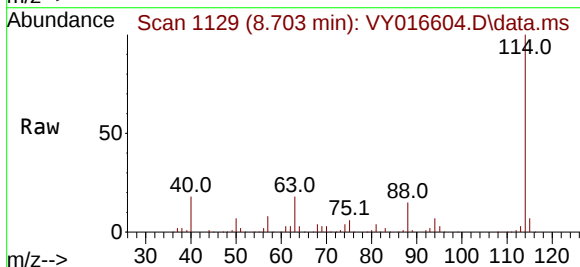
Tgt Ion: 114 Resp: 213497

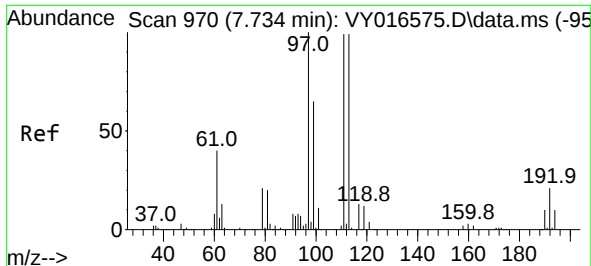
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 15.1 0.0 30.6

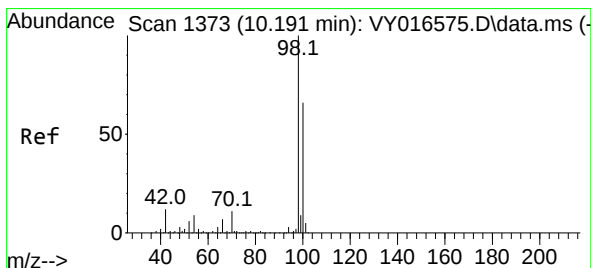
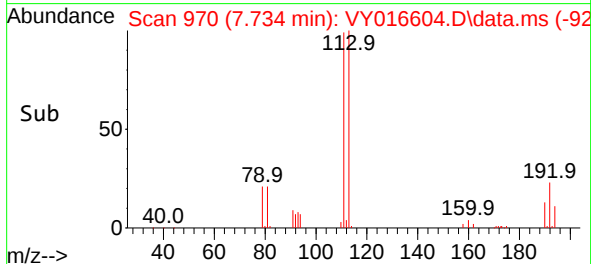
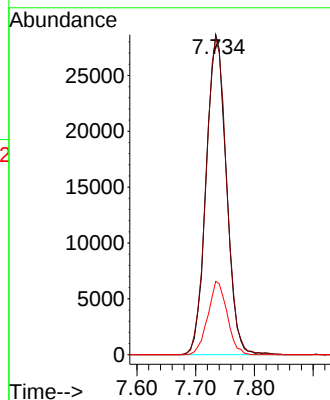
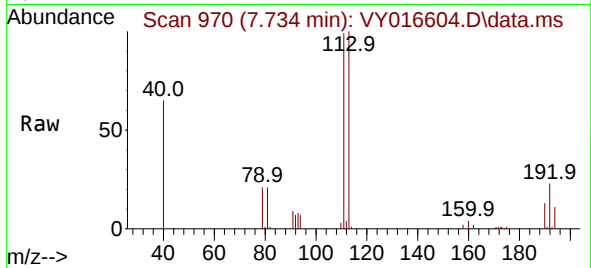




#35
Dibromofluoromethane
Concen: 53.235 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016604.D
Acq: 05 Dec 2023 18:17

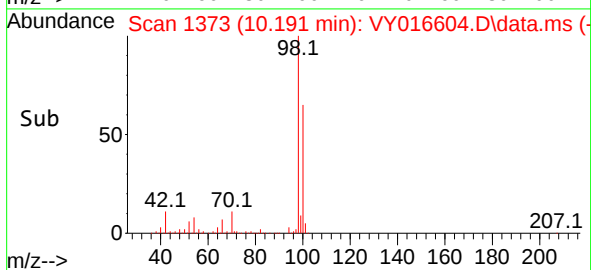
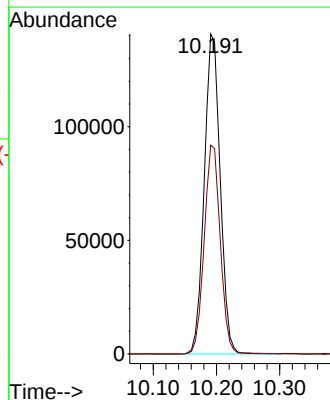
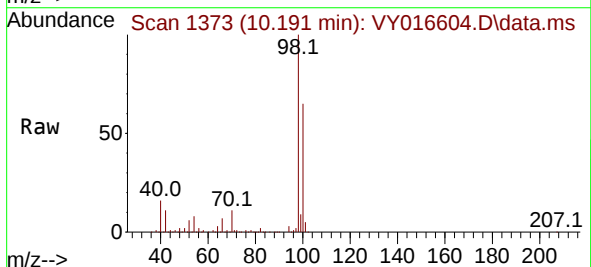
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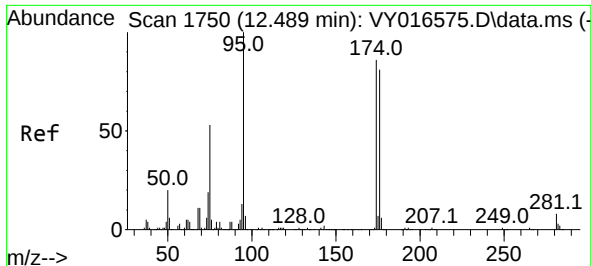
Tgt Ion:113 Resp: 68398
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 21.8 16.9 25.3



#50
Toluene-d8
Concen: 50.956 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016604.D
Acq: 05 Dec 2023 18:17

Tgt Ion: 98 Resp: 247642
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

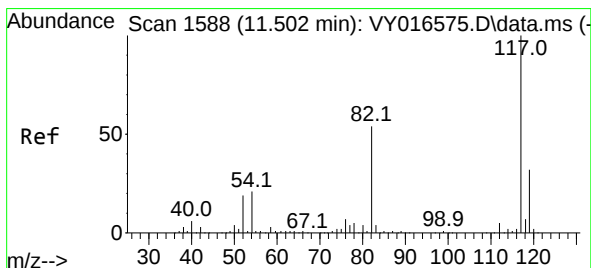
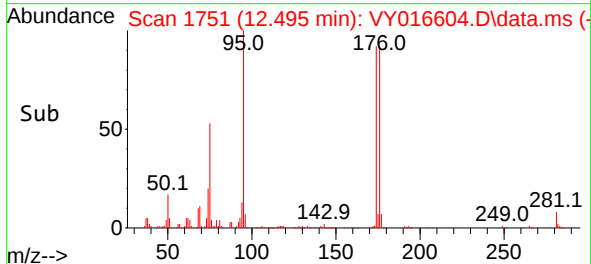
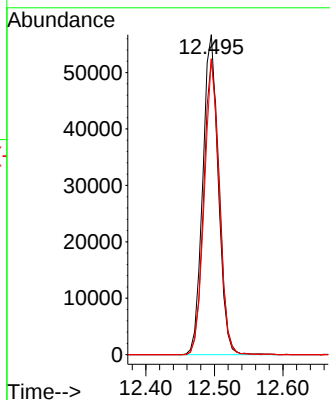
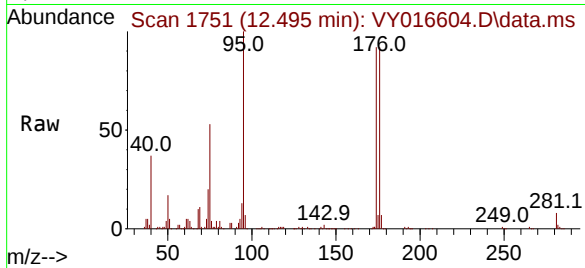




#62
4-Bromofluorobenzene
Concen: 55.988 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016604.D
Acq: 05 Dec 2023 18:17

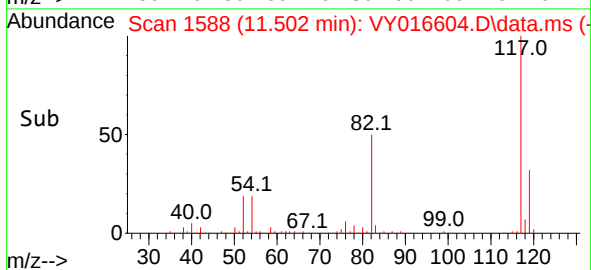
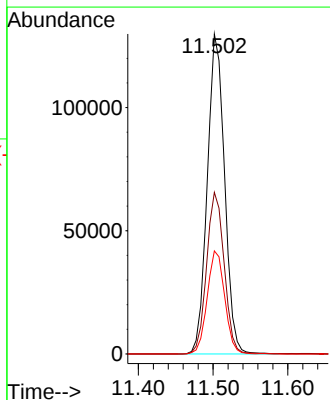
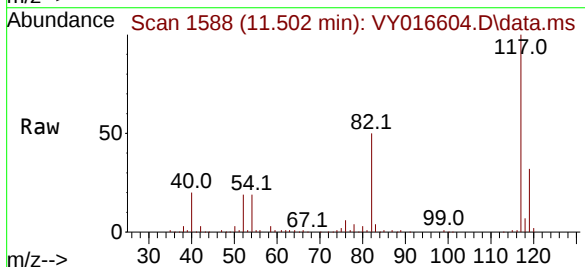
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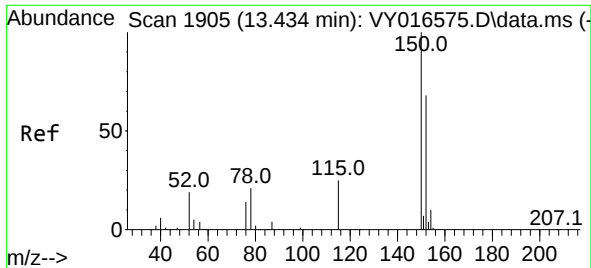
Tgt Ion: 95 Resp: 89480
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 88.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016604.D
Acq: 05 Dec 2023 18:17

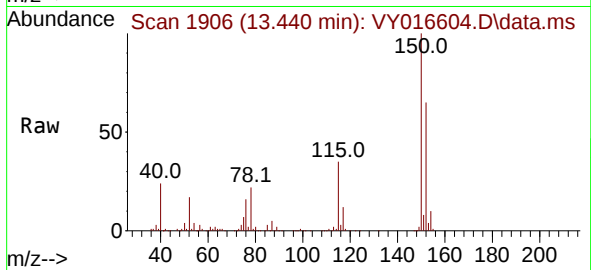
Tgt Ion: 117 Resp: 208508
Ion Ratio Lower Upper
117 100
82 50.5 43.4 65.0
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016604.D
 Acq: 05 Dec 2023 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-08



Tgt Ion:	152	Resp:	99779
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.8	86.5
150	156.9	0.0	348.8

