

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016597.D
 Acq On : 05 Dec 2023 15:33
 Operator : SY/MD
 Sample : 05599-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-01

Quant Time: Dec 06 02:25:41 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)

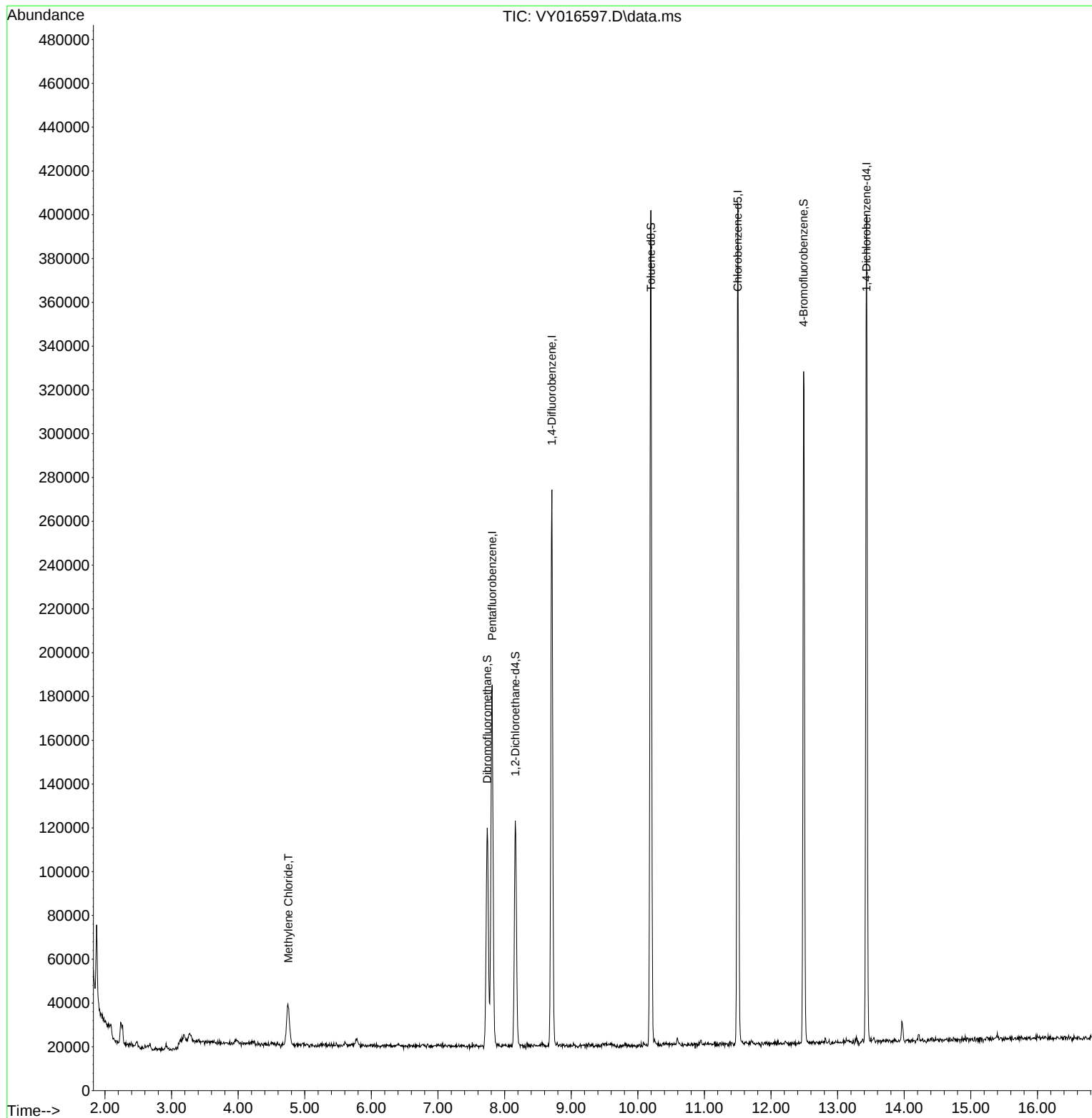
Internal Standards						
1) Pentafluorobenzene	7.813	168	131233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	217744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	211213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	102589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	85215	70.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.500%	
35) Dibromofluoromethane	7.740	113	69361	52.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.860%	
50) Toluene-d8	10.197	98	252201	50.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.489	95	91204	55.953	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.900%	
Target Compounds						Qvalue
20) Methylene Chloride	4.753	84	14835	9.533	ug/l	# 84

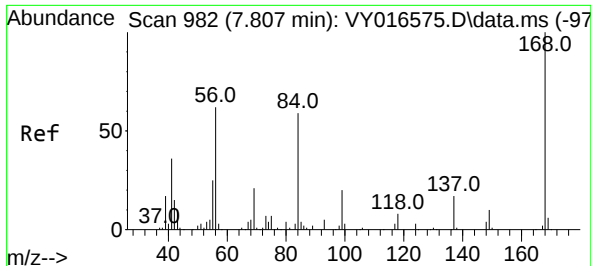
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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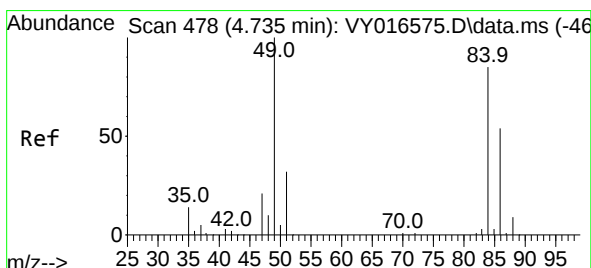
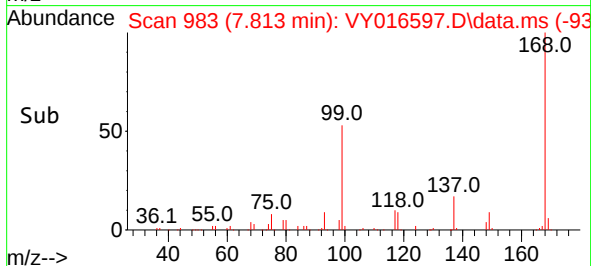
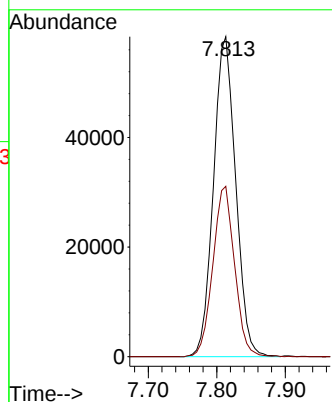
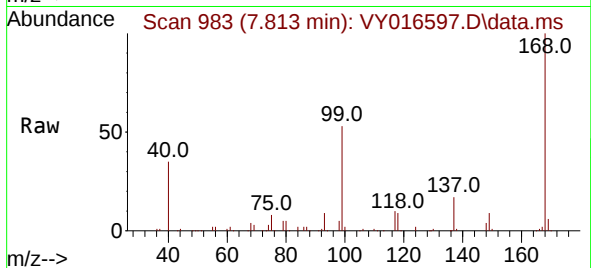




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

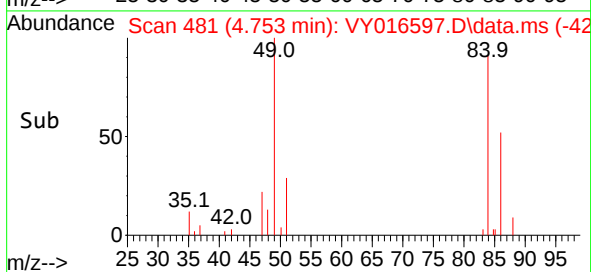
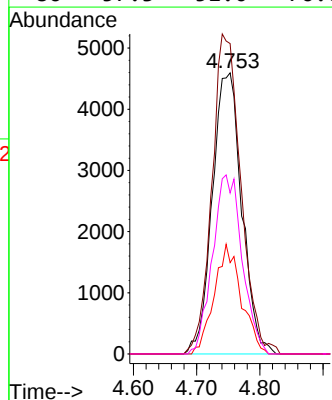
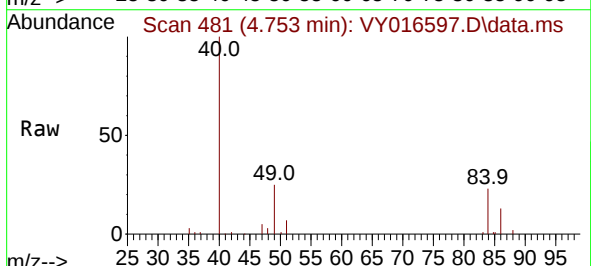
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01

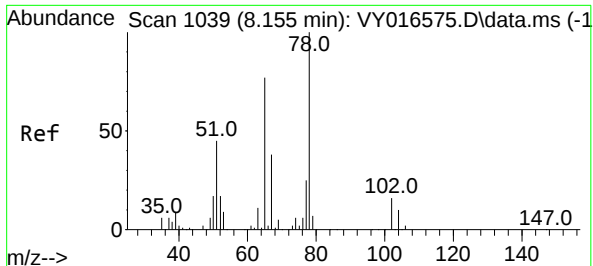
Tgt Ion:168 Resp: 131233
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#20
Methylene Chloride
Concen: 9.533 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.018 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion: 84 Resp: 14835
Ion Ratio Lower Upper
84 100
49 110.4 106.9 160.3
51 32.5 33.2 49.8#
86 57.3 51.0 76.6

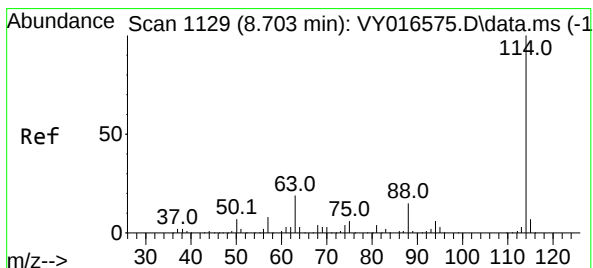
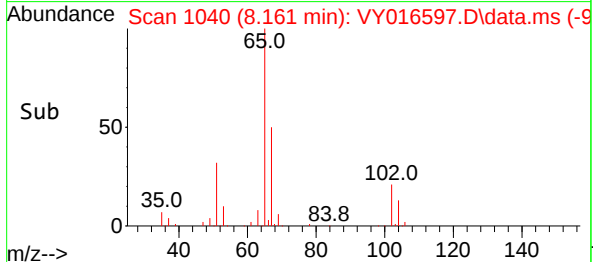
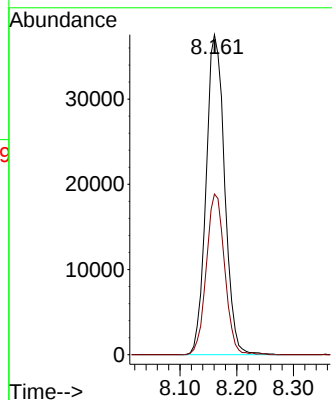
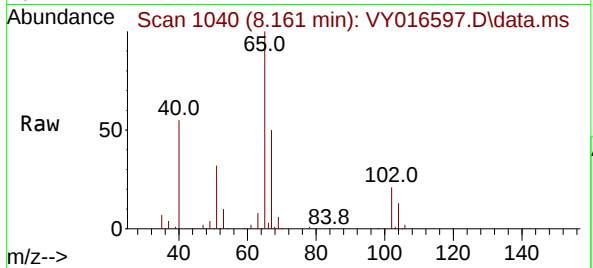




#33
 1,2-Dichloroethane-d4
 Concen: 70.255 ug/l
 RT: 8.161 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016597.D
 Acq: 05 Dec 2023 15:33

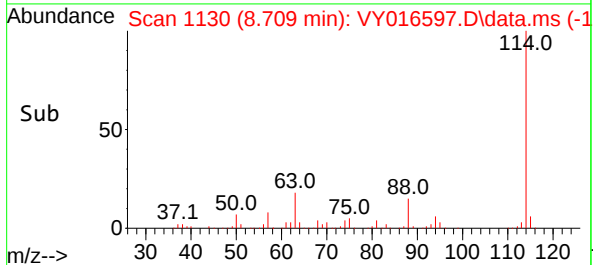
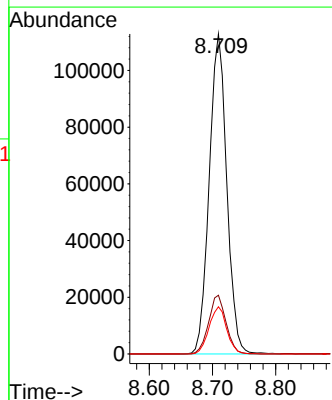
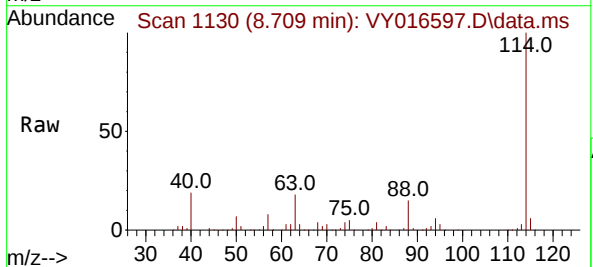
Instrument :
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 ClientSampleId :
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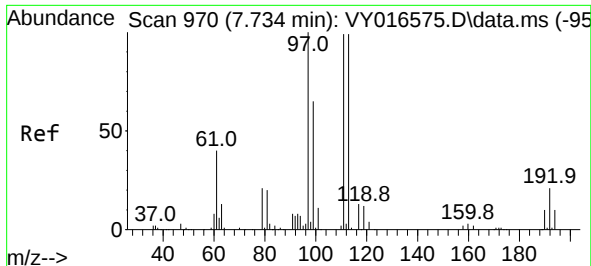
Tgt Ion: 65 Resp: 85215
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016597.D
 Acq: 05 Dec 2023 15:33

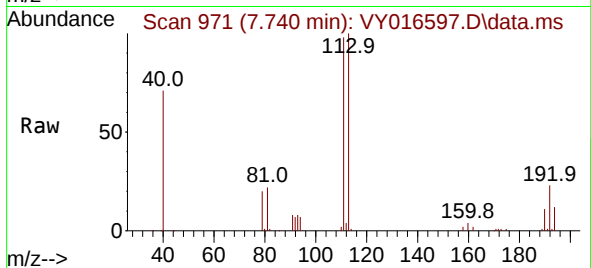
Tgt Ion: 114 Resp: 217744
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 14.8 0.0 30.6



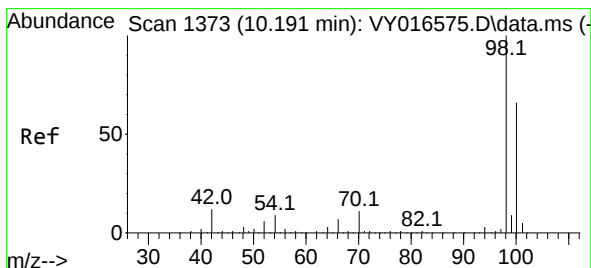
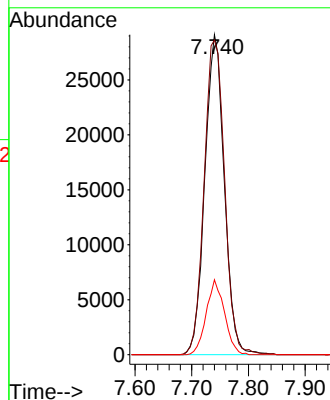
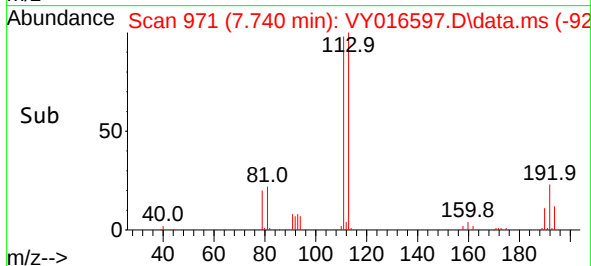


#35
Dibromofluoromethane
Concen: 52.932 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-01

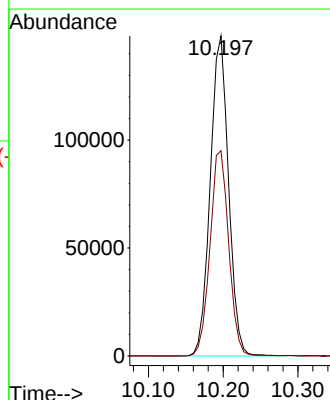
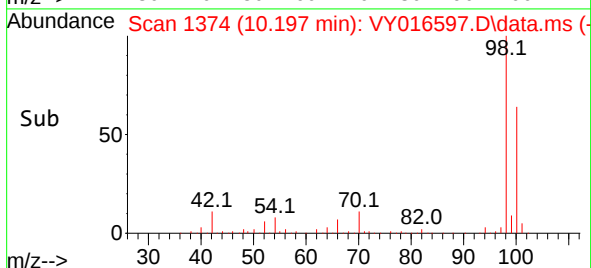
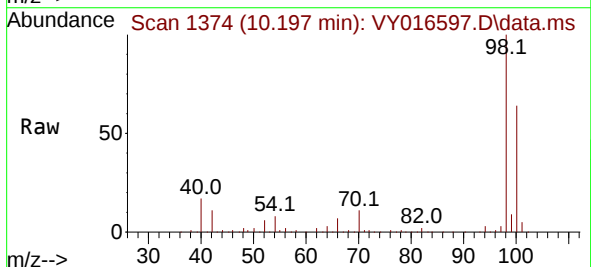


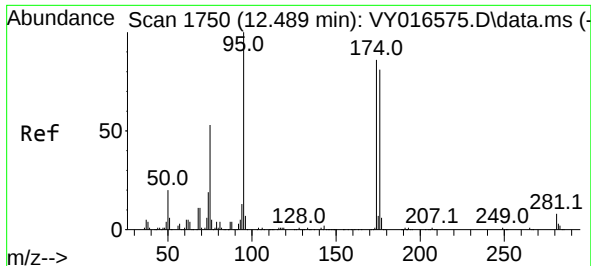
Tgt Ion:113 Resp: 69361
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 50.882 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion: 98 Resp: 252201
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

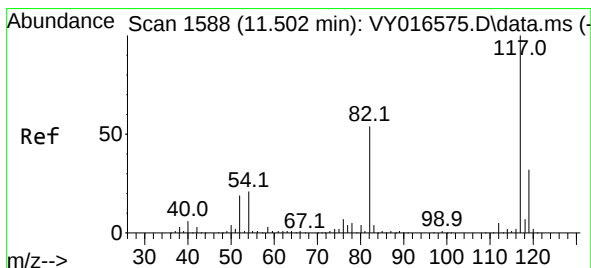
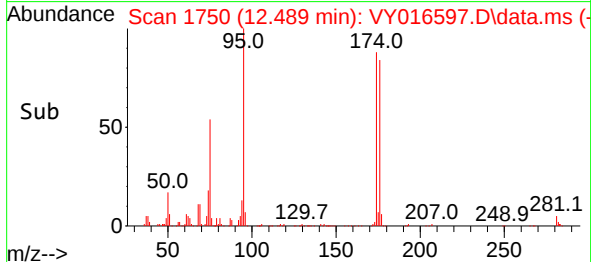
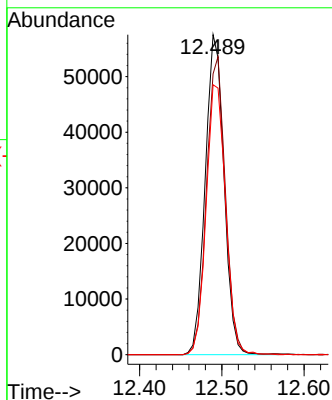
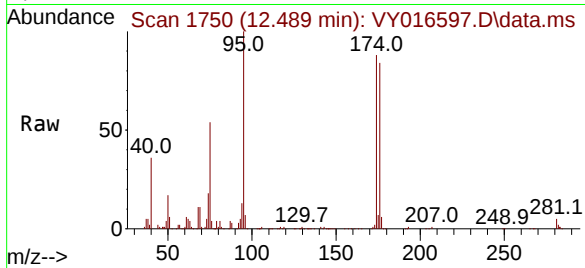




#62
4-Bromofluorobenzene
Concen: 55.953 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

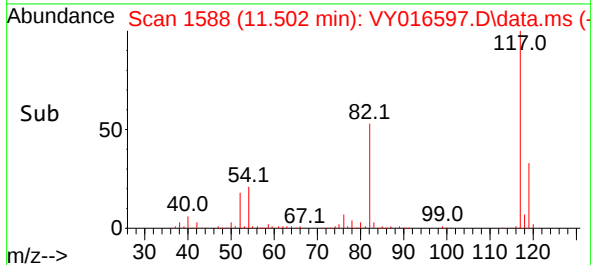
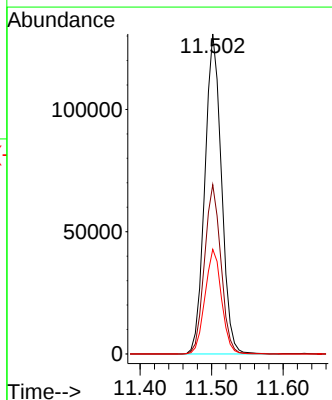
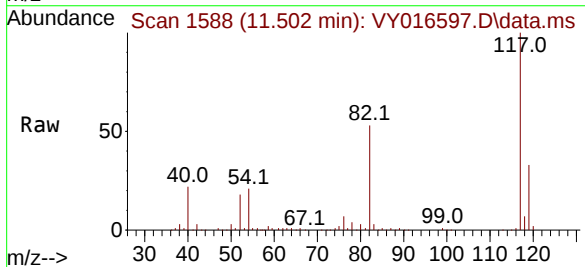
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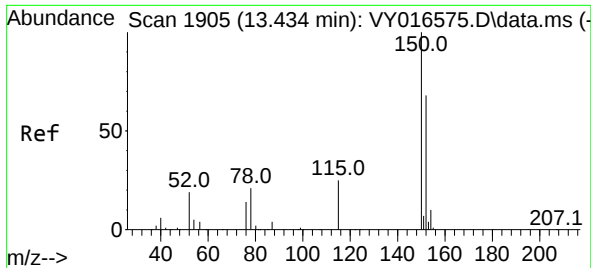
Tgt Ion:	95	Resp:	91204
Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	178.2
176	87.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016597.D
Acq: 05 Dec 2023 15:33

Tgt Ion:	117	Resp:	211213
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.4	65.0
119	32.7	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: VY016597.D
 Acq: 05 Dec 2023 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-01

Tgt Ion:152 Resp: 102589
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.8 86.5
 150 154.7 0.0 348.8

