

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019542.D
 Acq On : 13 Sep 2024 16:22
 Operator : SY/MD
 Sample : P3984-06
 Misc : 6.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRAB

Quant Time: Sep 13 23:33:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

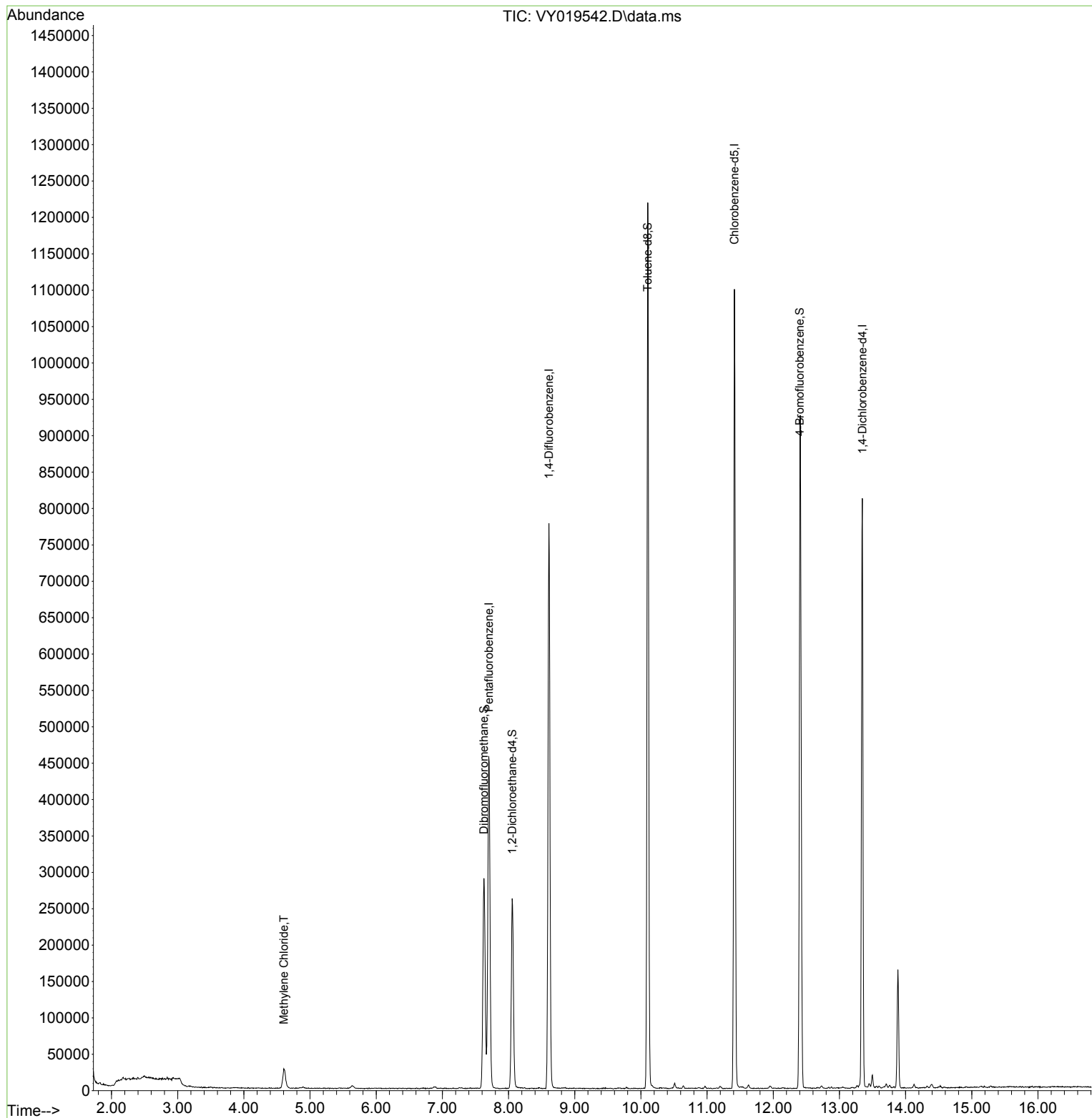
Internal Standards						
1) Pentafluorobenzene	7.701	168	339705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	653835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	561401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	209884	66.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.440%
35) Dibromofluoromethane	7.628	113	206804	55.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.580%
50) Toluene-d8	10.103	98	772115	56.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.620%
62) 4-Bromofluorobenzene	12.401	95	238705	45.275	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.560%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.604	84	19243	5.631	ug/l	91

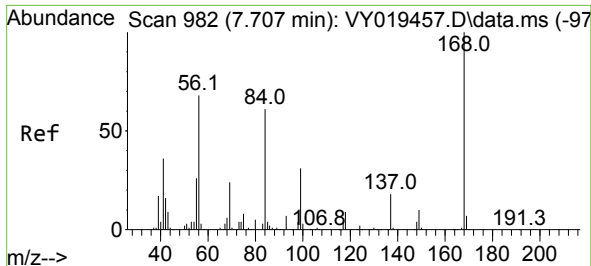
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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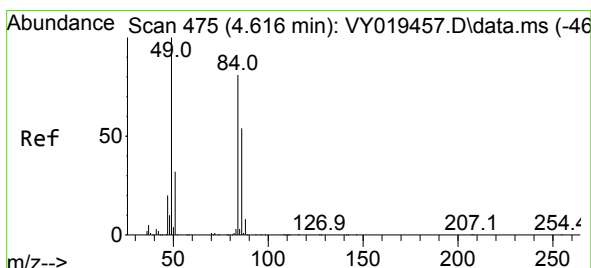
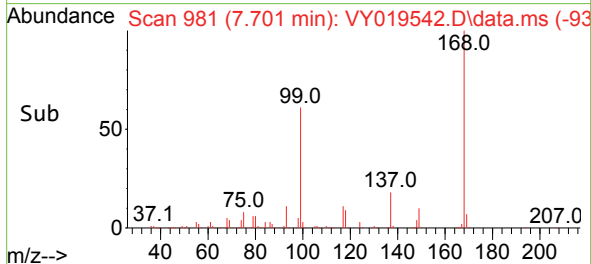
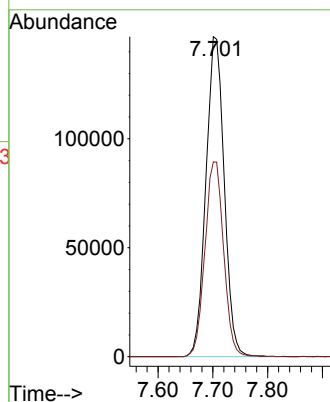
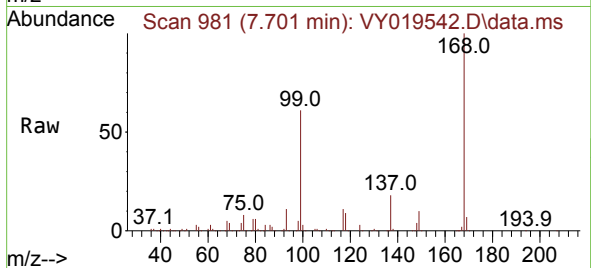




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

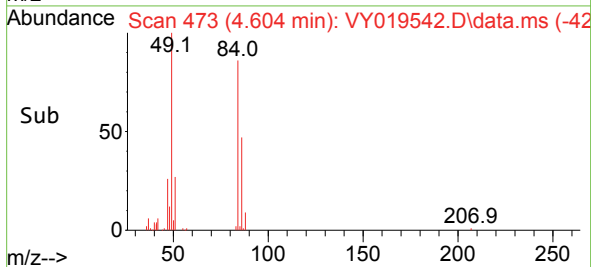
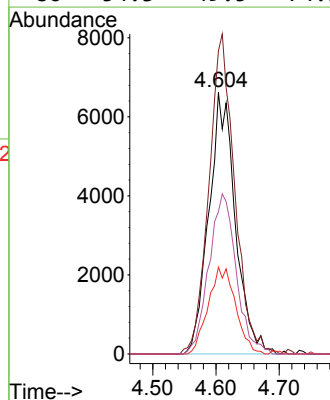
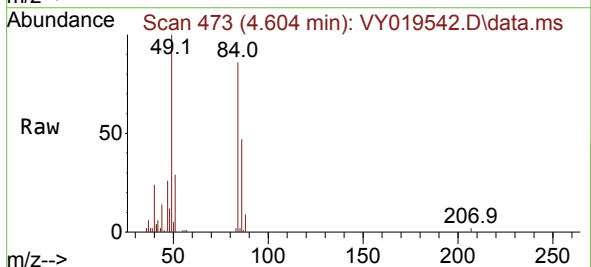
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

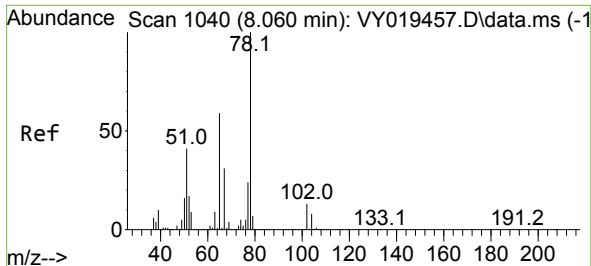
Tgt Ion:168 Resp: 339705
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#20
Methylene Chloride
Concen: 5.631 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion: 84 Resp: 19243
Ion Ratio Lower Upper
84 100
49 115.9 84.4 126.6
51 33.2 26.0 39.0
86 54.3 49.5 74.3

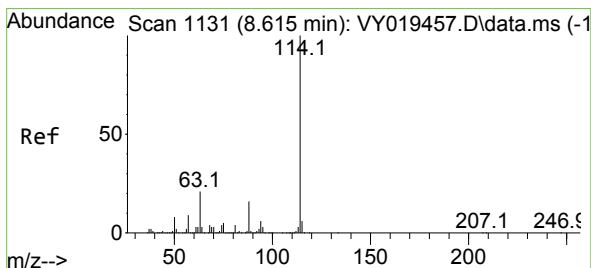
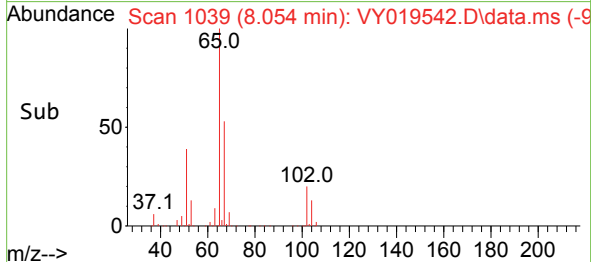
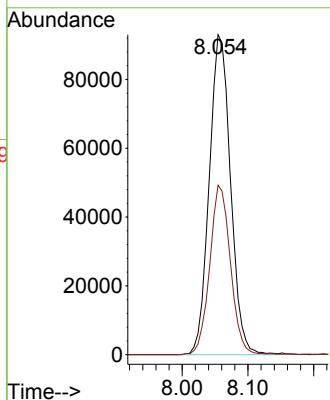
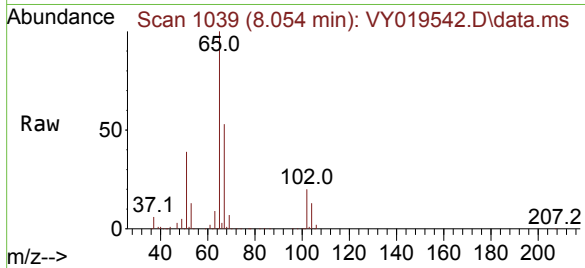




#33
 1,2-Dichloroethane-d4
 Concen: 66.723 ug/l
 RT: 8.054 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: VY019542.D
 Acq: 13 Sep 2024 16:22

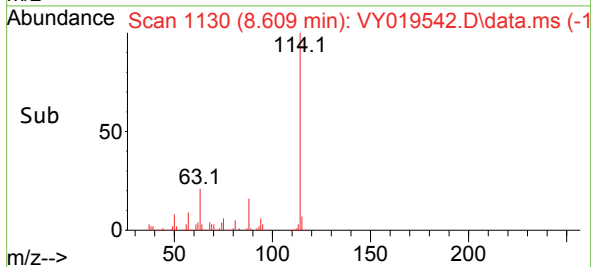
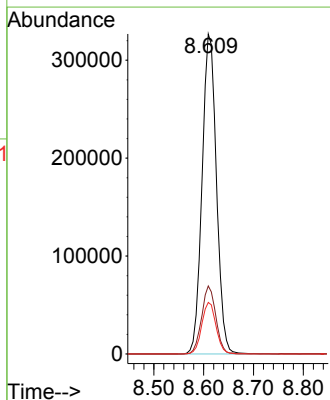
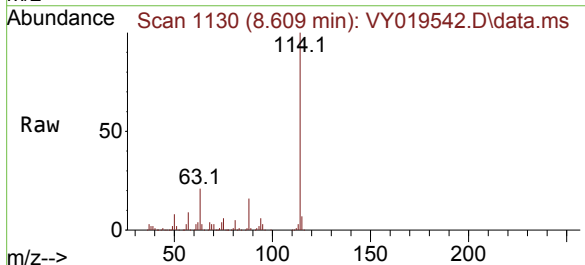
Instrument :
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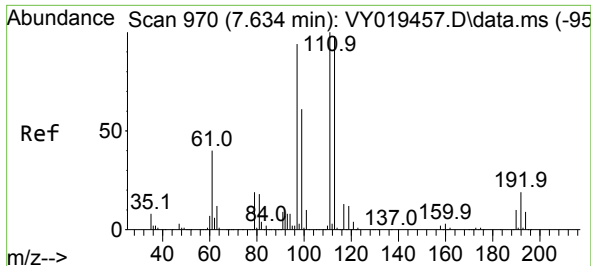
Tgt Ion: 65 Resp: 209884
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY019542.D
 Acq: 13 Sep 2024 16:22

Tgt Ion: 114 Resp: 653835
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 35.0
 88 16.1 0.0 27.2

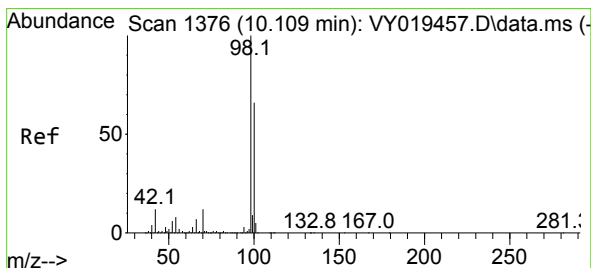
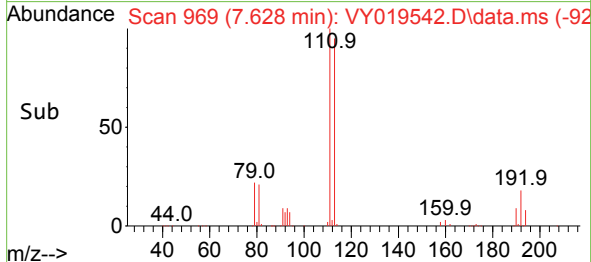
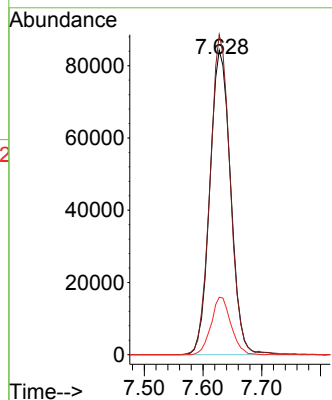
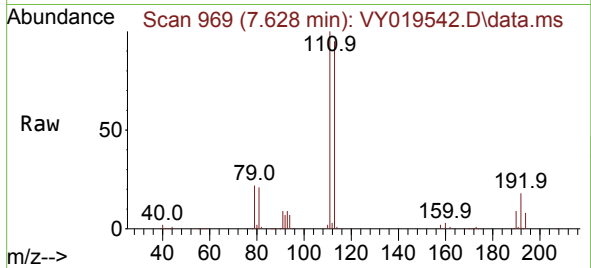




#35
Dibromofluoromethane
Concen: 55.786 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

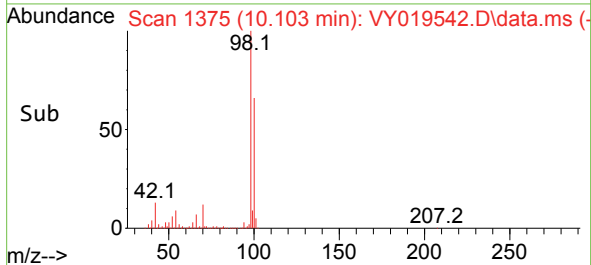
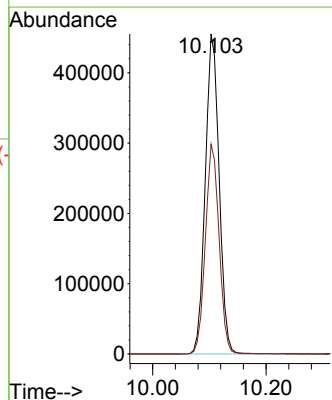
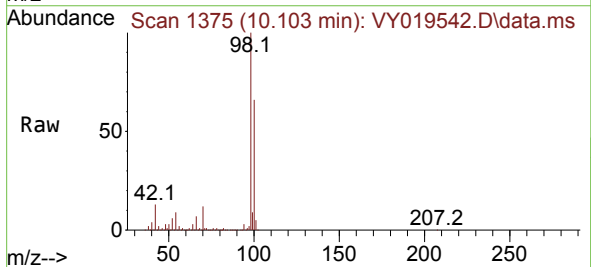
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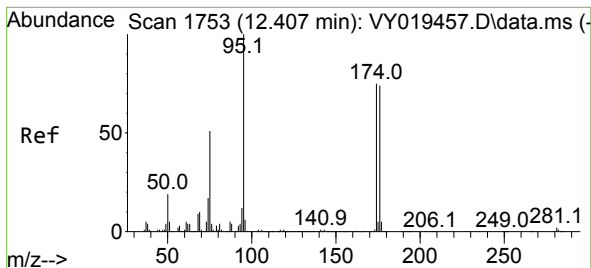
Tgt Ion:113 Resp: 206804
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.0 15.9 23.9



#50
Toluene-d8
Concen: 56.310 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion: 98 Resp: 772115
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

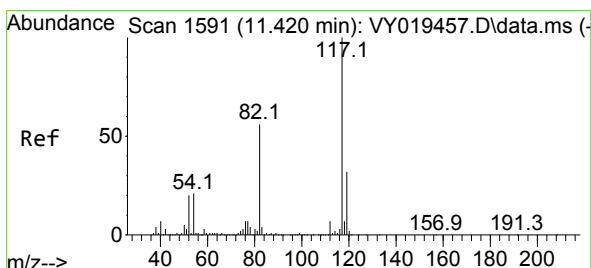
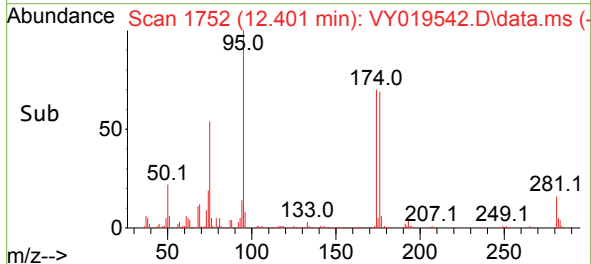
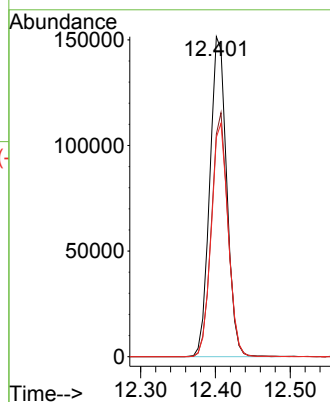
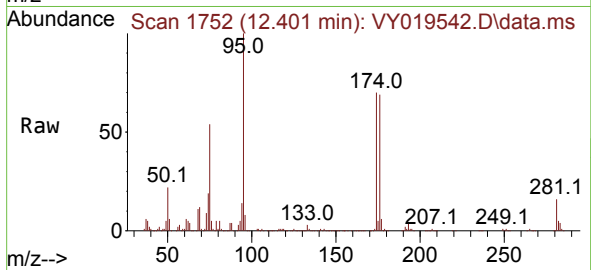




#62
4-Bromofluorobenzene
Concen: 45.275 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

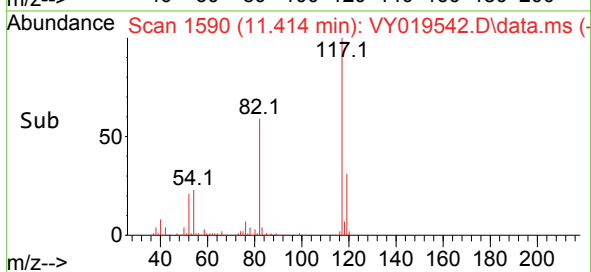
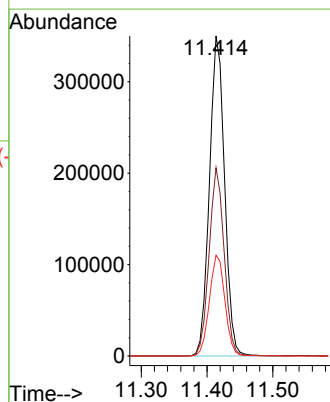
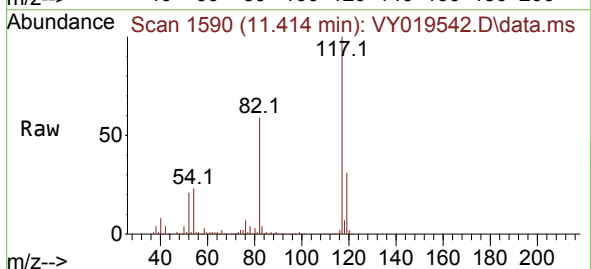
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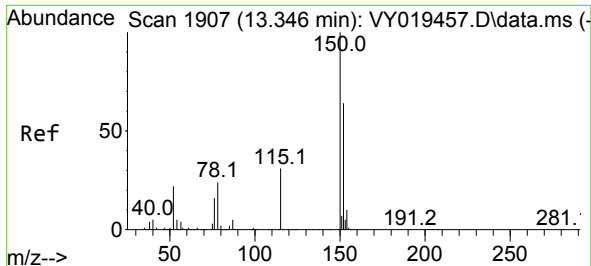
Tgt Ion: 95 Resp: 238705
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 73.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019542.D
Acq: 13 Sep 2024 16:22

Tgt Ion: 117 Resp: 561401
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 31.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019542.D
 Acq: 13 Sep 2024 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRAB

Tgt Ion:152 Resp: 196526
 Ion Ratio Lower Upper
 152 100
 115 61.7 28.2 84.7
 150 157.0 0.0 345.6

