

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019177.D
 Acq On : 21 Aug 2024 18:18
 Operator : SY/MD
 Sample : P3643-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 917-J-SD-0-0.5-081524

Quant Time: Aug 22 01:17:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

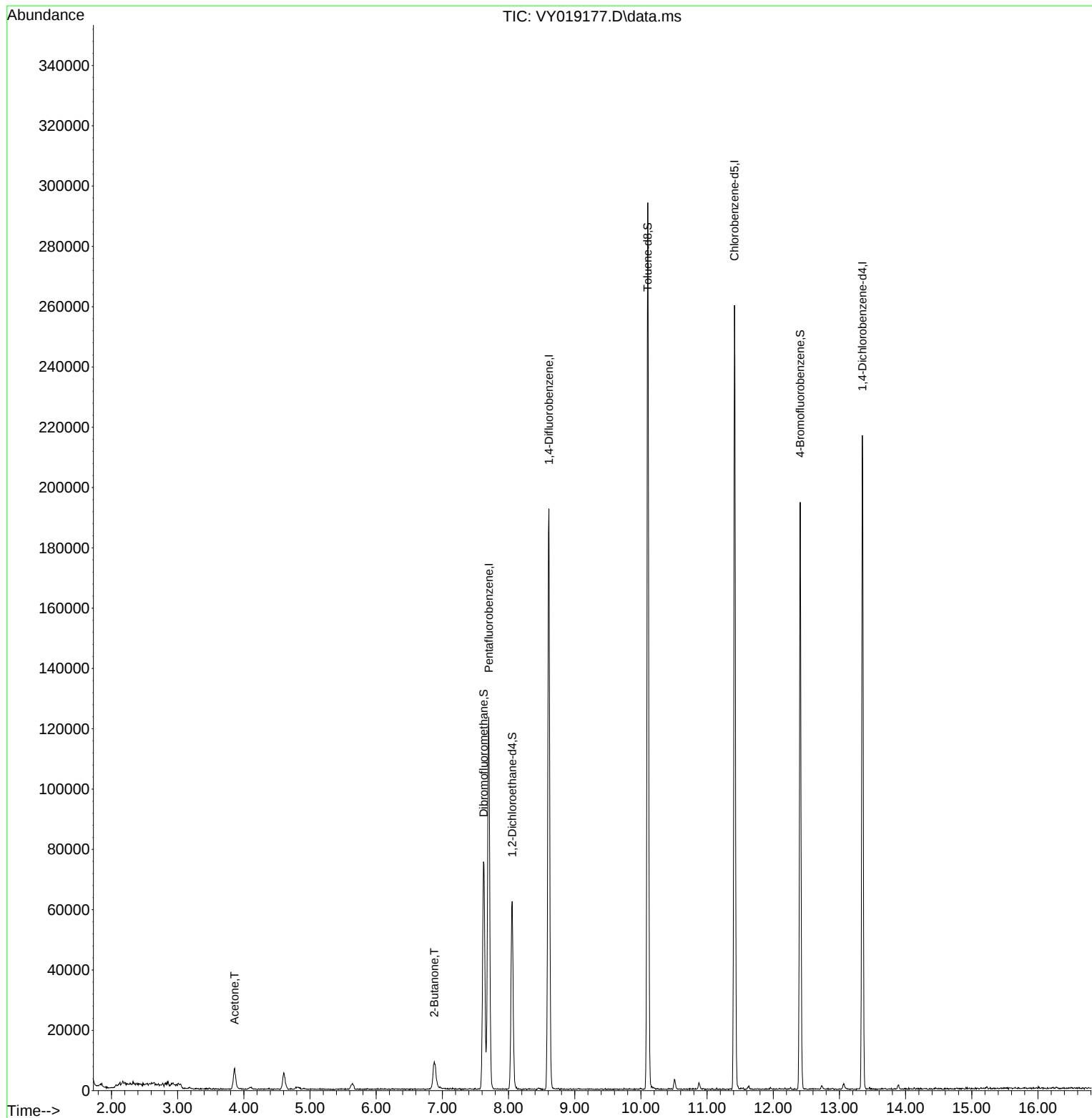
Internal Standards						
1) Pentafluorobenzene	7.701	168	97585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	166078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	54165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49754	50.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.720%	
35) Dibromofluoromethane	7.622	113	53276	49.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.120%	
50) Toluene-d8	10.103	98	185702	47.520	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.040%	
62) 4-Bromofluorobenzene	12.408	95	57328	43.033	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.060%	
Target Compounds						Qvalue
16) Acetone	3.860	43	11191	61.688	ug/l #	83
25) 2-Butanone	6.878	43	4228	14.472	ug/l #	84

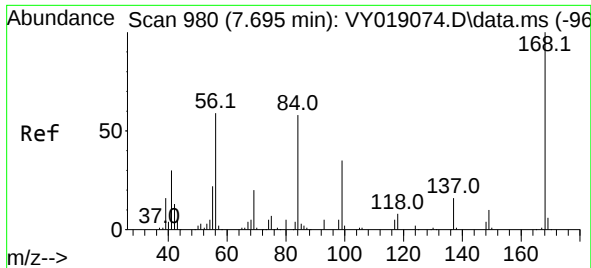
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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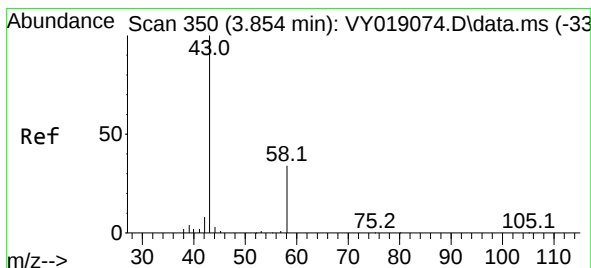
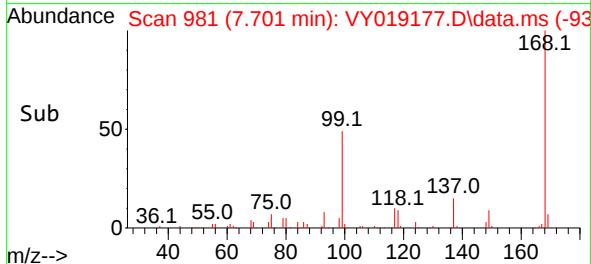
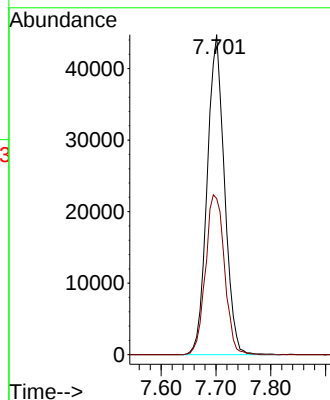
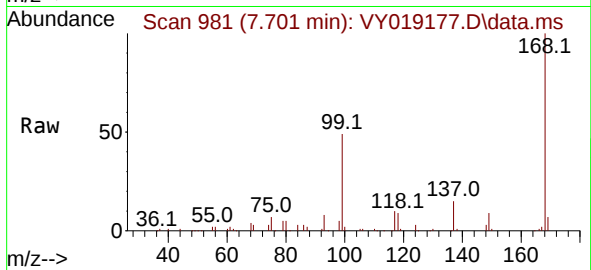




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

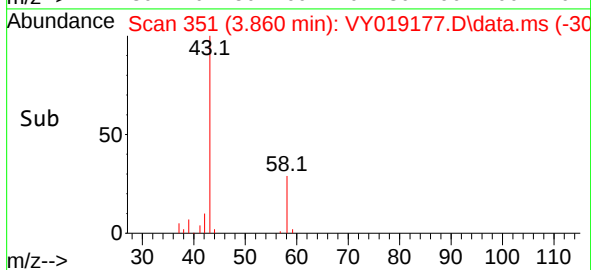
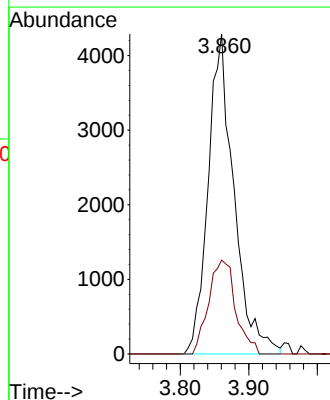
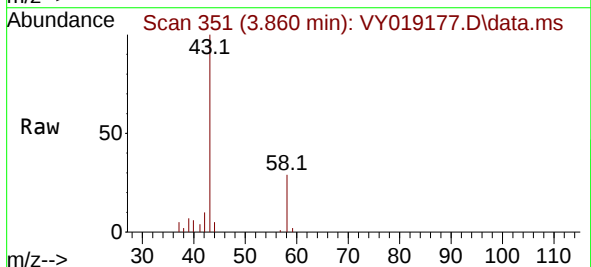
Instrument :
MSVOA_Y
ClientSampleId :
917-J-SD-0-0.5-081524

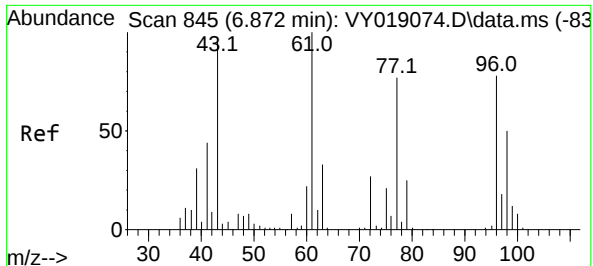
Tgt Ion:168 Resp: 97585
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#16
Acetone
Concen: 61.688 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

Tgt Ion: 43 Resp: 11191
Ion Ratio Lower Upper
43 100
58 29.3 31.7 47.5#

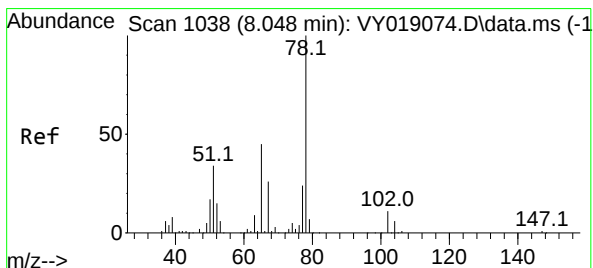
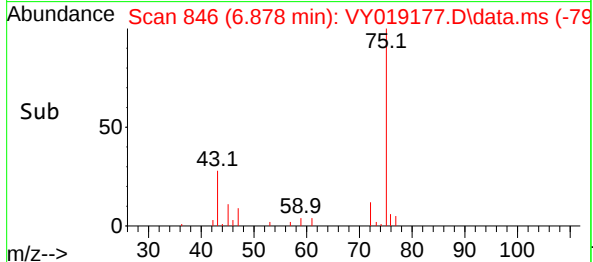
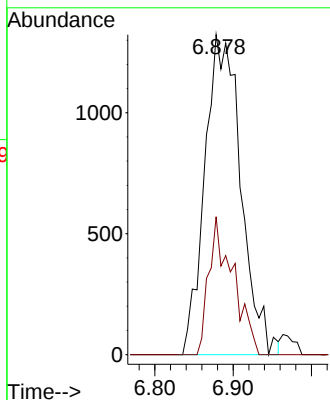
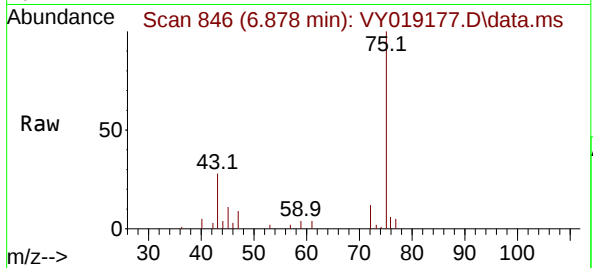




#25
2-Butanone
Concen: 14.472 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

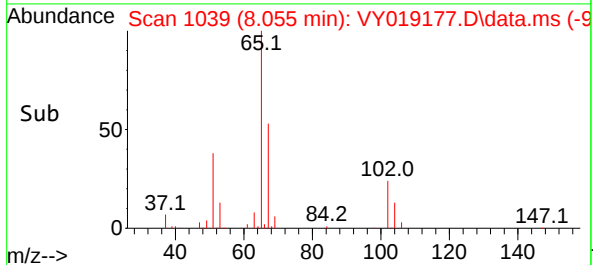
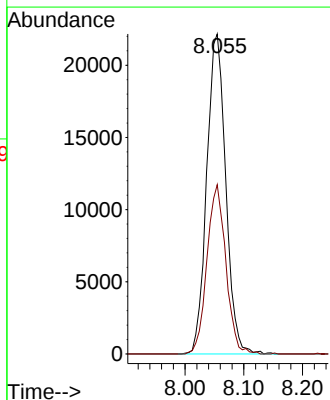
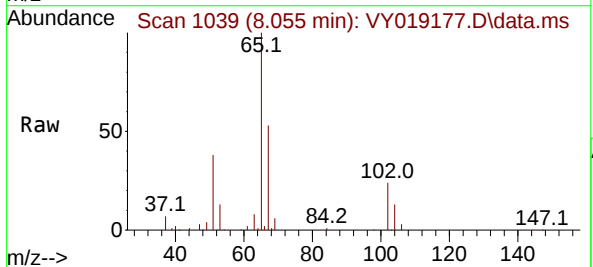
Instrument :
MSVOA_Y
ClientSampleId :
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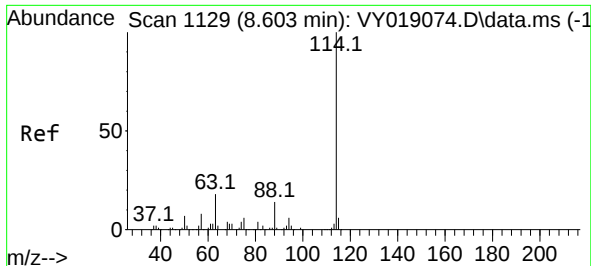
Tgt Ion: 43 Resp: 4228
Ion Ratio Lower Upper
43 100
72 43.1 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 50.862 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

Tgt Ion: 65 Resp: 49754
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

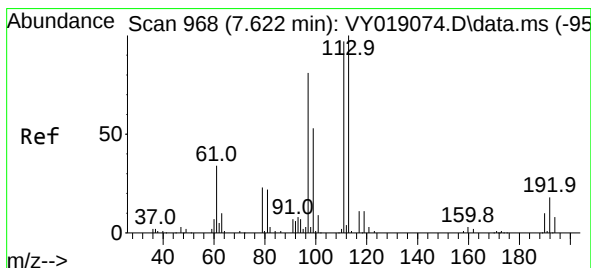
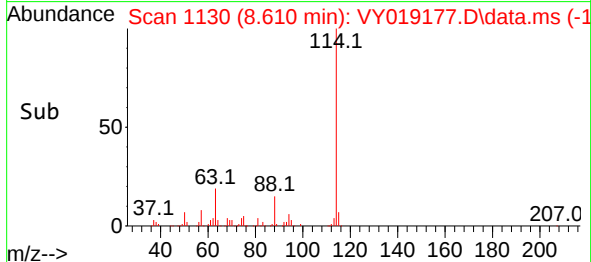
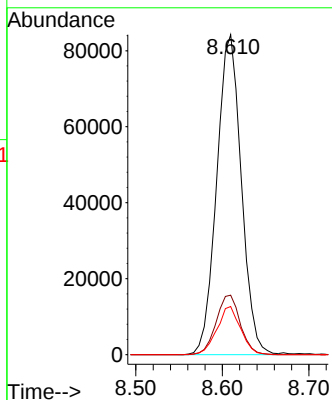
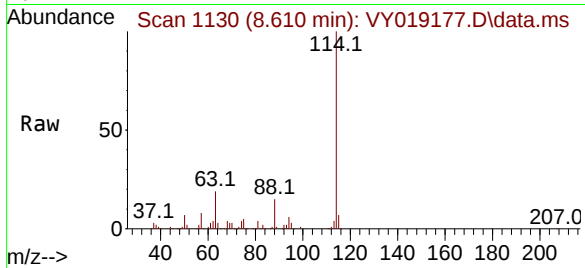




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

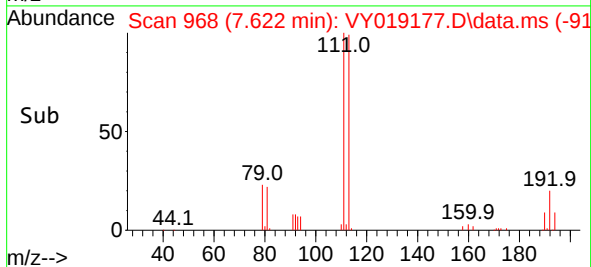
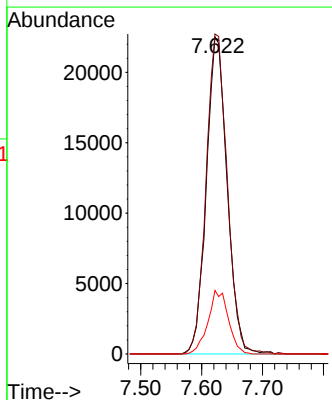
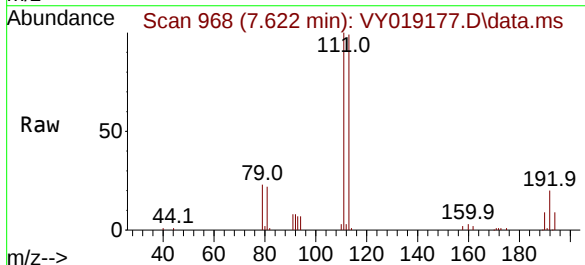
Instrument :
MSVOA_Y
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917-J-SD-0-0.5-081524

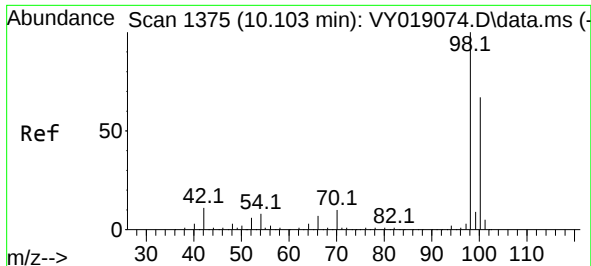
Tgt Ion:114	Resp:	166078
Ion Ratio	Lower	Upper
114	100	
63	18.6	0.0 35.0
88	15.0	0.0 27.2



#35
Dibromofluoromethane
Concen: 49.061 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

Tgt Ion:113	Resp:	53276
Ion Ratio	Lower	Upper
113	100	
111	102.6	82.2 123.4
192	19.7	15.9 23.9

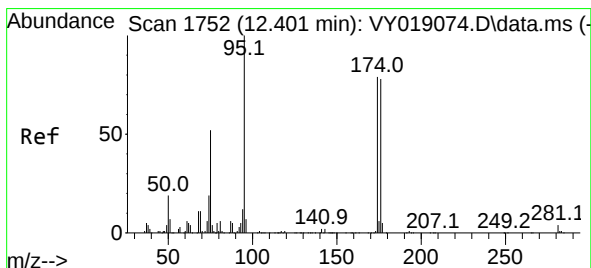
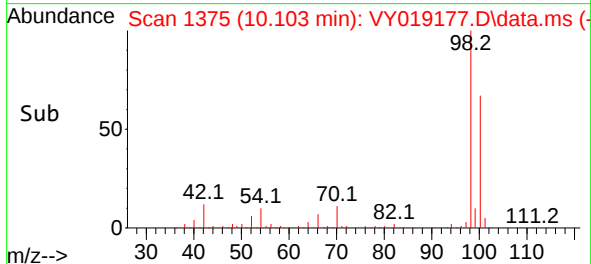
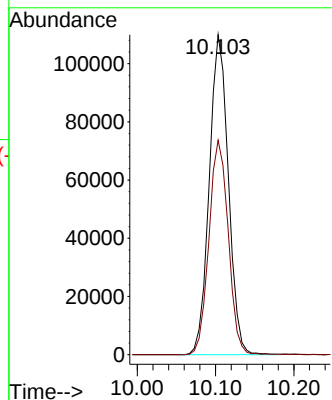
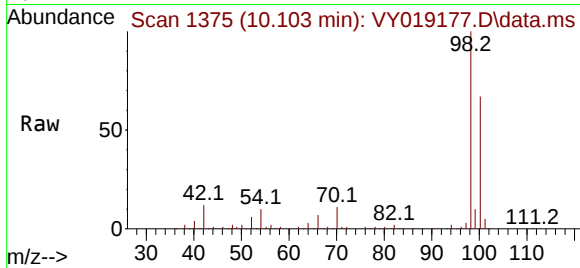




#50
Toluene-d8
Concen: 47.520 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

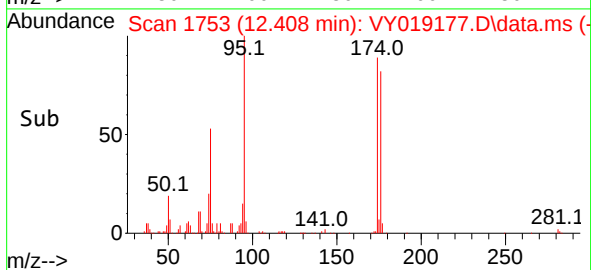
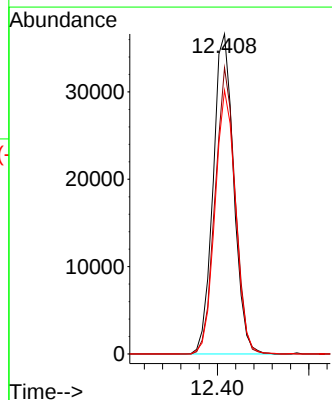
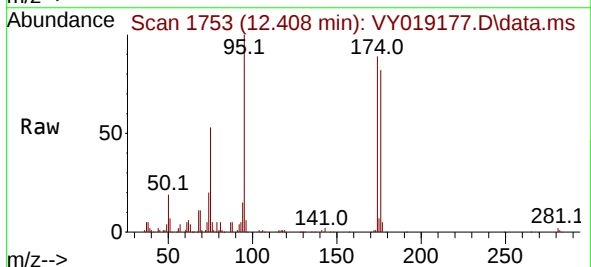
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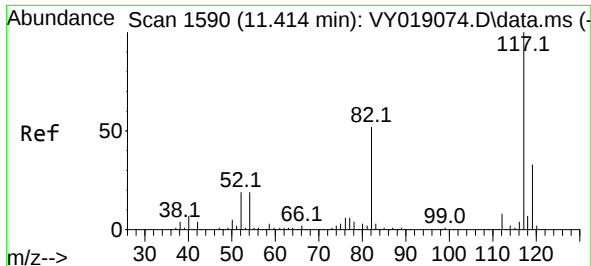
Tgt Ion: 98 Resp: 185702
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.033 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

Tgt Ion: 95 Resp: 57328
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 82.7 0.0 171.4

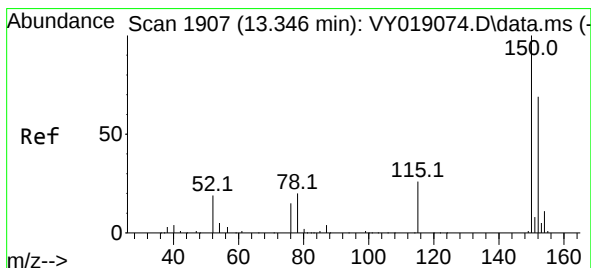
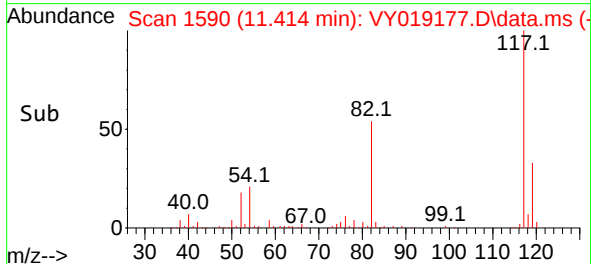
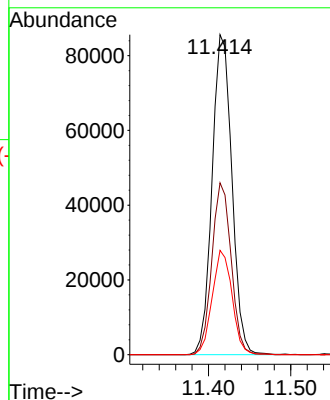
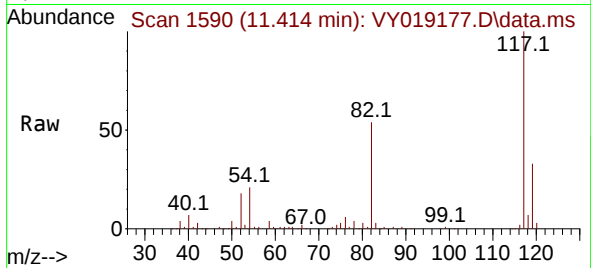




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.4	63.6
119	32.6	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019177.D
Acq: 21 Aug 2024 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.2	84.7
150	155.9	0.0	345.6

