

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019242.D
 Acq On : 23 Aug 2024 01:27
 Operator : SY/MD
 Sample : P3663-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 920-J-SD-0-0.5-081624

Quant Time: Aug 23 02:06:26 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)

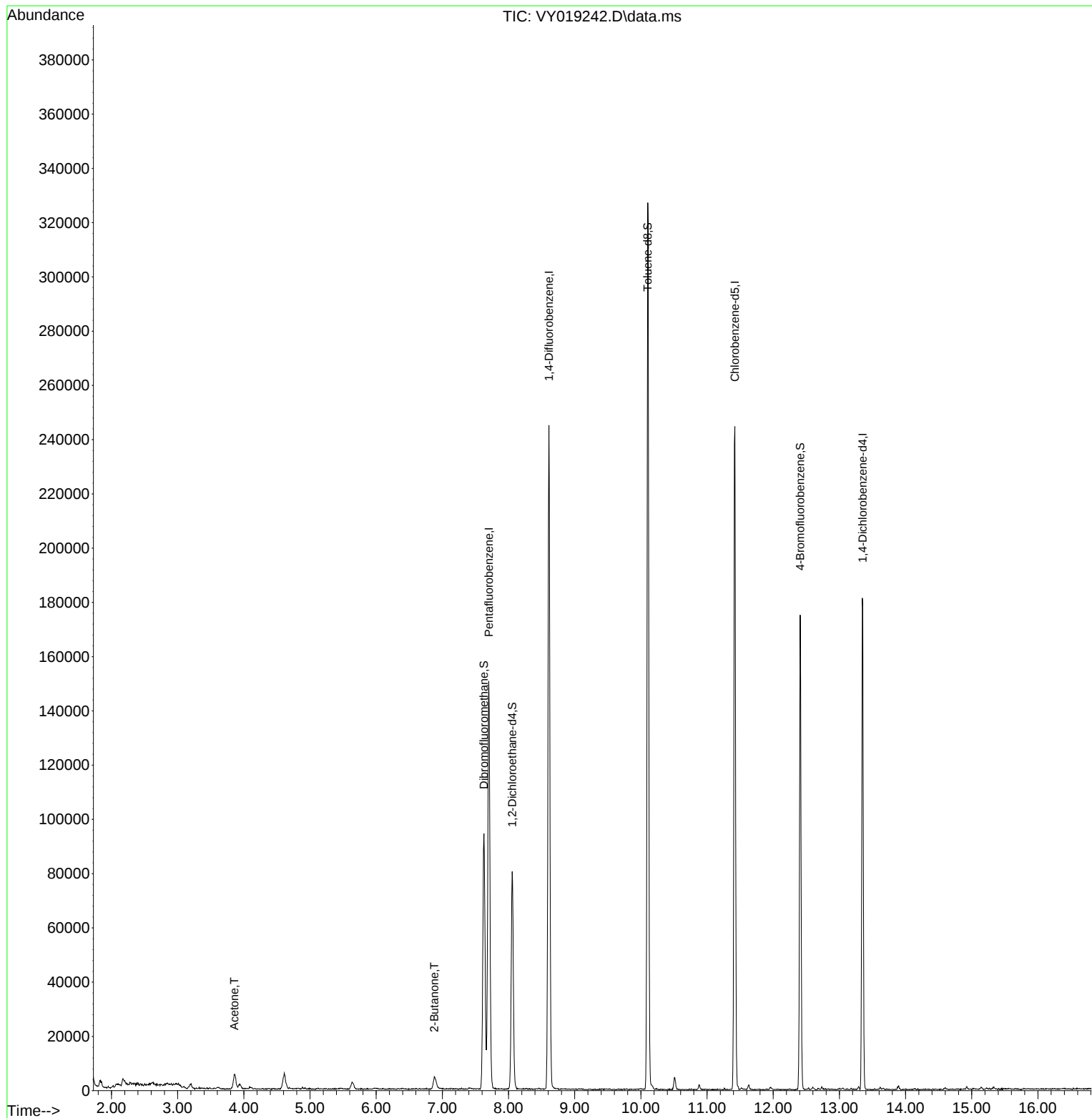
Internal Standards						
1) Pentafluorobenzene	7.701	168	116842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	209548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	137265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	45871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	63412	54.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.280%
35) Dibromofluoromethane	7.628	113	65916	48.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.220%
50) Toluene-d8	10.103	98	213740	43.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.700%
62) 4-Bromofluorobenzene	12.408	95	49967	29.727	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	59.460%
Target Compounds						
						Qvalue
16) Acetone	3.854	43	10166	46.802	ug/l #	83
25) 2-Butanone	6.878	43	3965	11.335	ug/l #	85

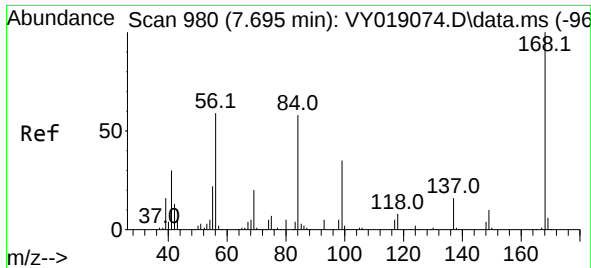
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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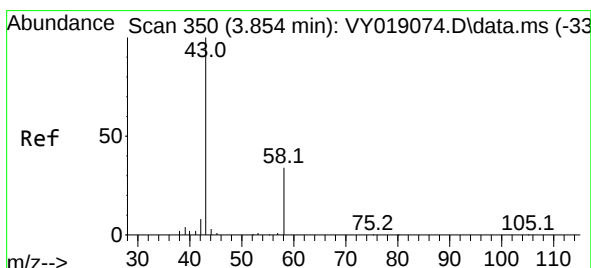
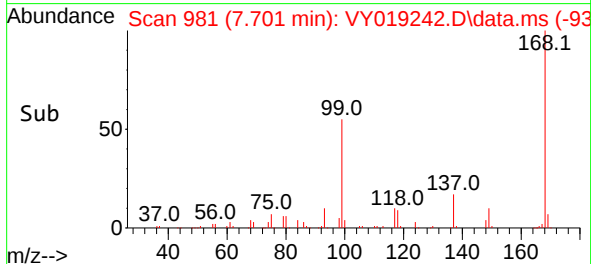
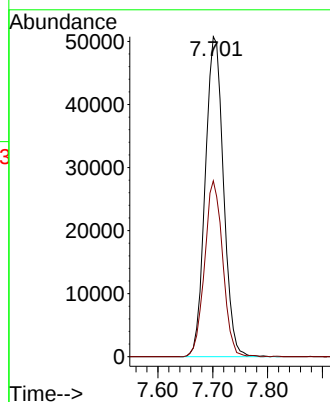
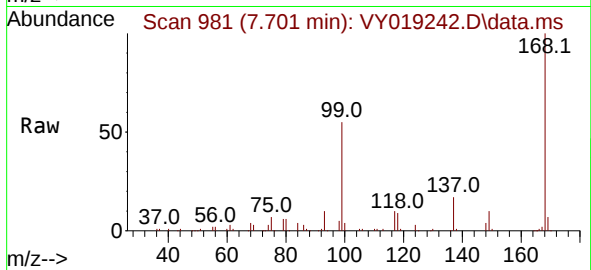




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

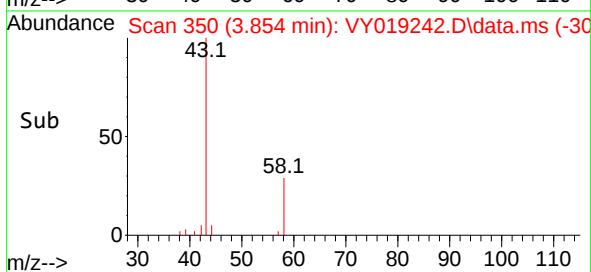
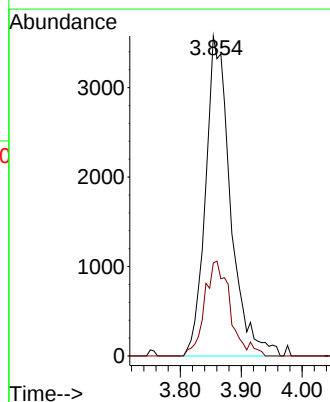
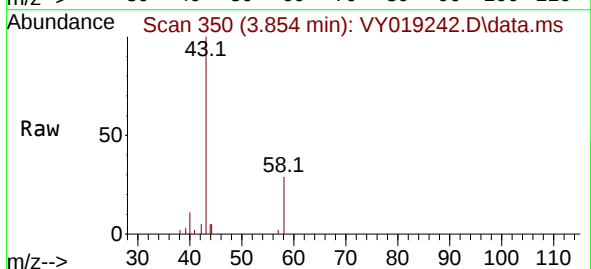
Instrument :
MSVOA_Y
ClientSampleId :
920-J-SD-0-0.5-081624

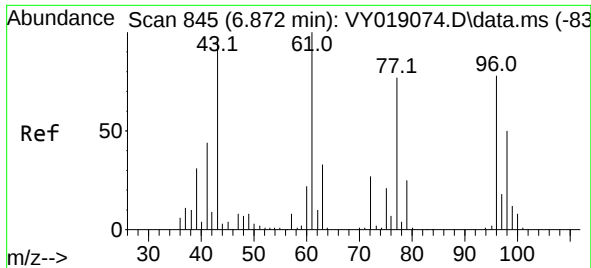
Tgt Ion:168 Resp: 116842
Ion Ratio Lower Upper
168 100
99 54.9 39.1 58.7



#16
Acetone
Concen: 46.802 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

Tgt Ion: 43 Resp: 10166
Ion Ratio Lower Upper
43 100
58 29.0 31.7 47.5#

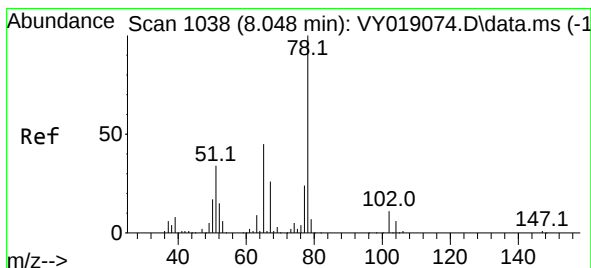
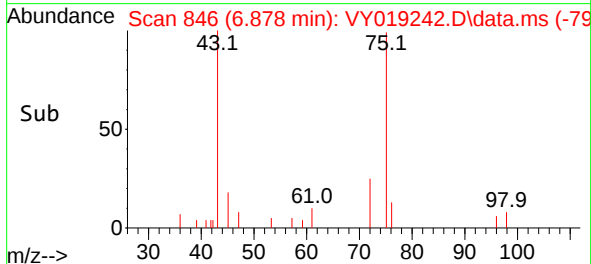
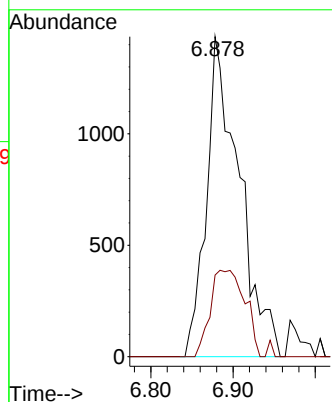
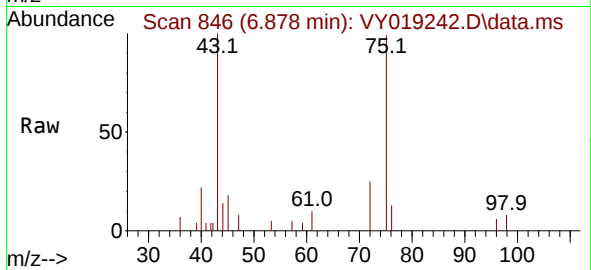




#25
2-Butanone
Concen: 11.335 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

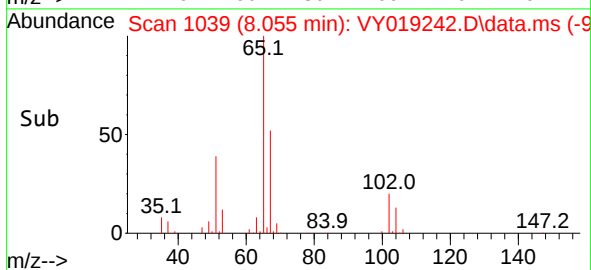
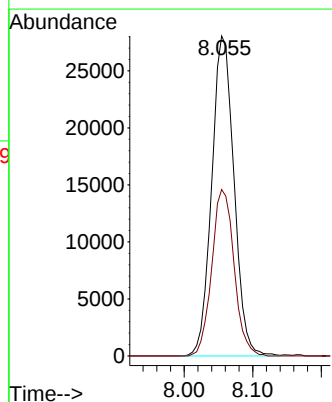
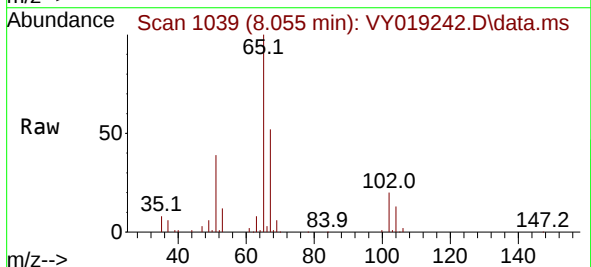
Instrument :
MSVOA_Y
ClientSampleId :
920-J-SD-0-0.5-081624

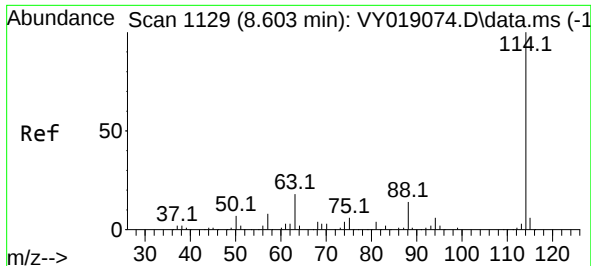
Tgt Ion: 43 Resp: 3965
Ion Ratio Lower Upper
43 100
72 25.5 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 54.140 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

Tgt Ion: 65 Resp: 63412
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

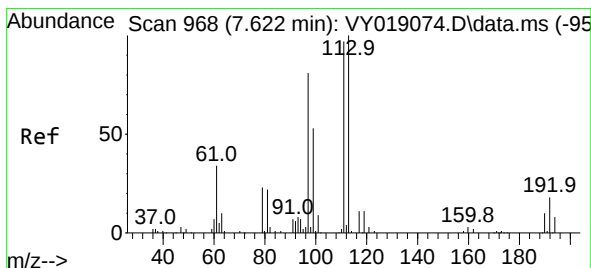
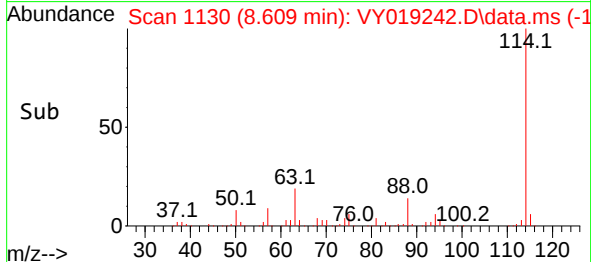
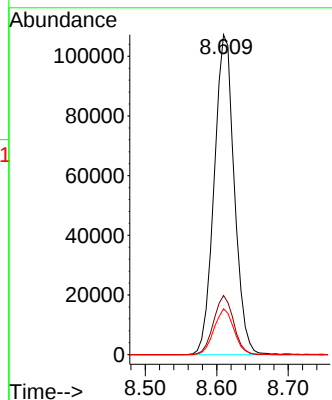
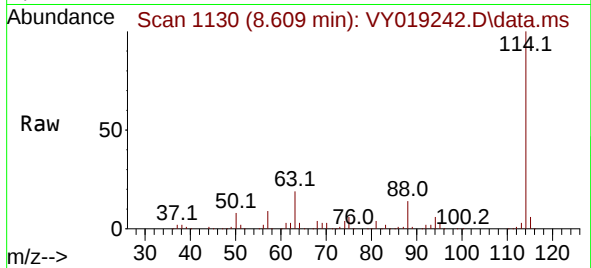




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

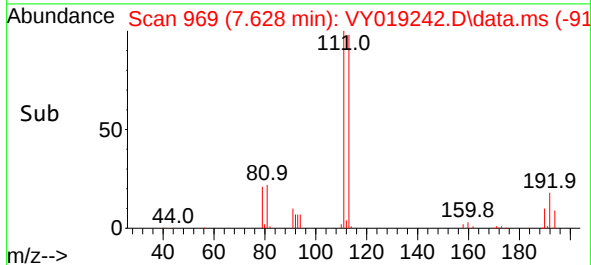
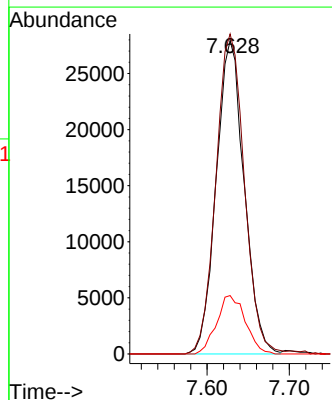
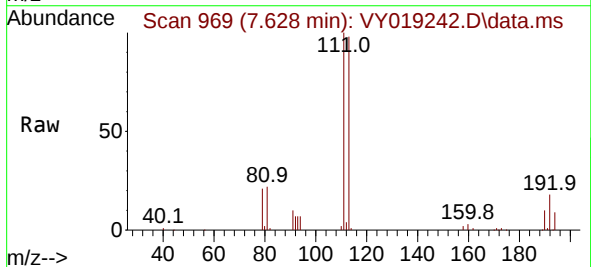
Instrument :
MSVOA_Y
ClientSampleId :
920-J-SD-0-0.5-081624

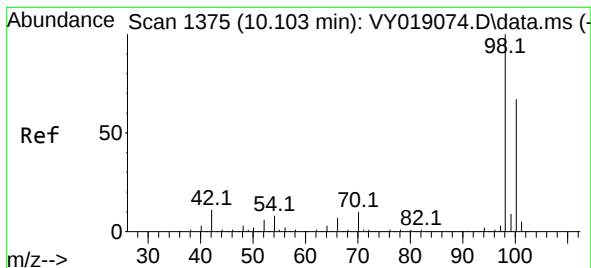
Tgt Ion:114 Resp: 209548
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.109 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

Tgt Ion:113 Resp: 65916
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 19.2 15.9 23.9

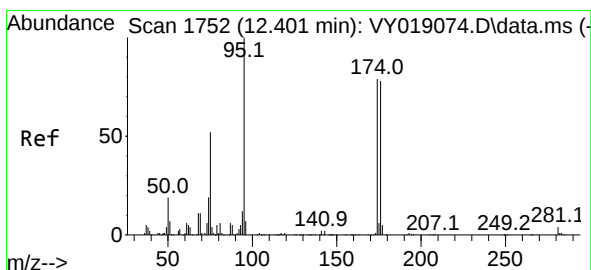
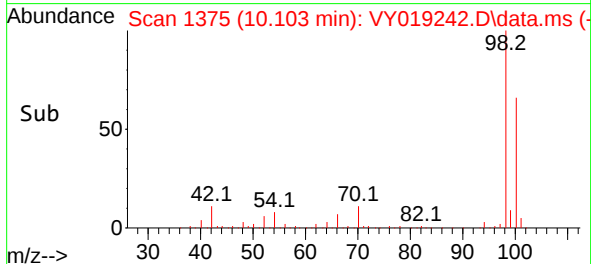
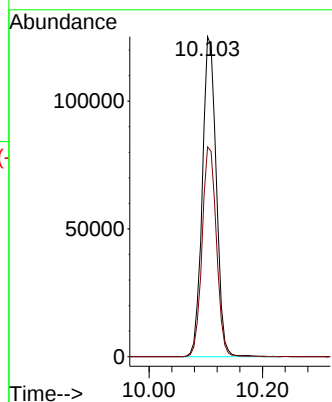
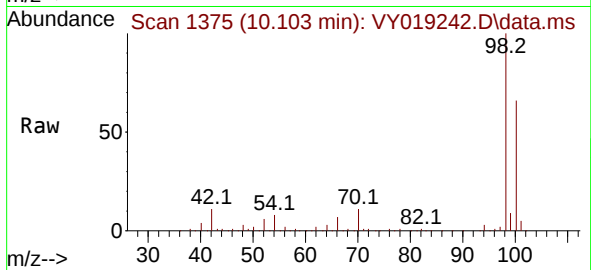




#50
Toluene-d8
Concen: 43.349 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

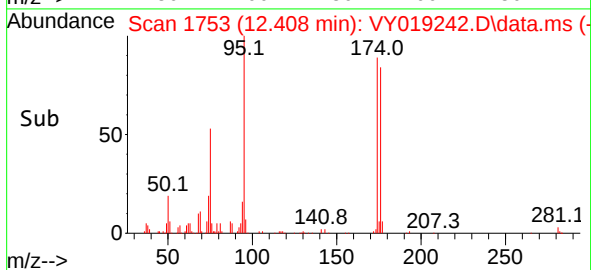
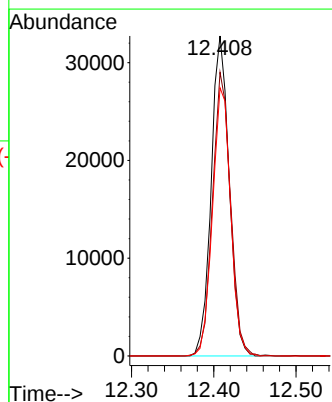
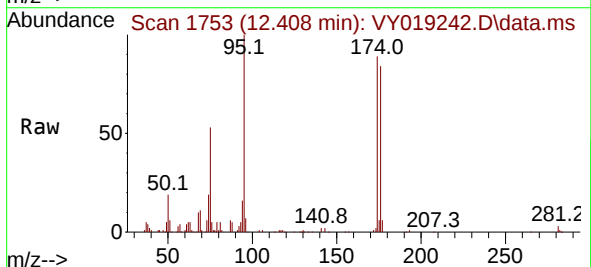
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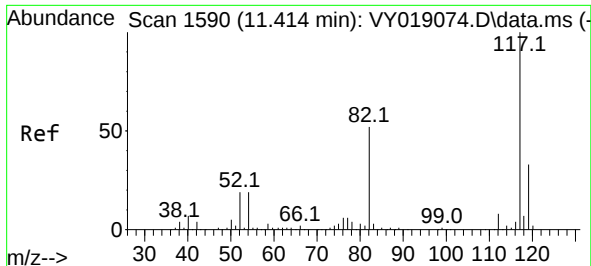
Tgt Ion: 98 Resp: 213740
Ion Ratio Lower Upper
98 100
100 67.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.727 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

Tgt Ion: 95 Resp: 49967
Ion Ratio Lower Upper
95 100
174 88.4 0.0 175.6
176 84.0 0.0 171.4

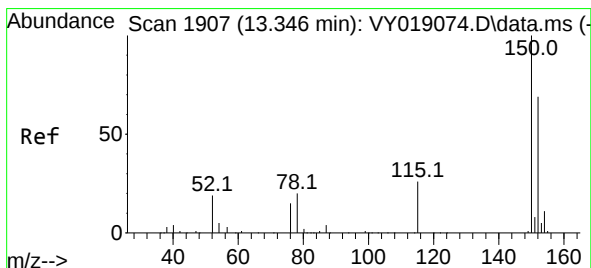
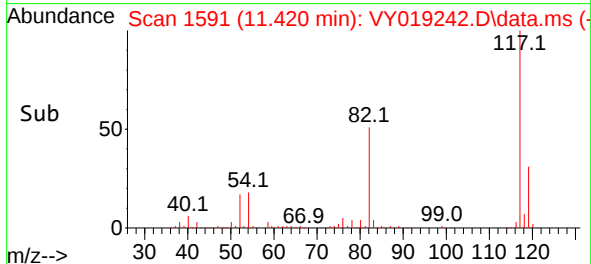
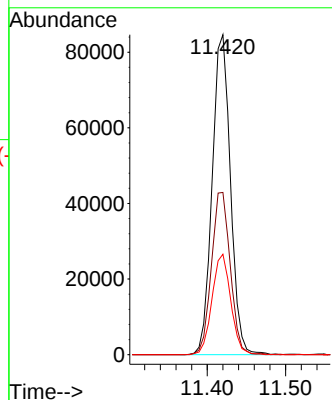
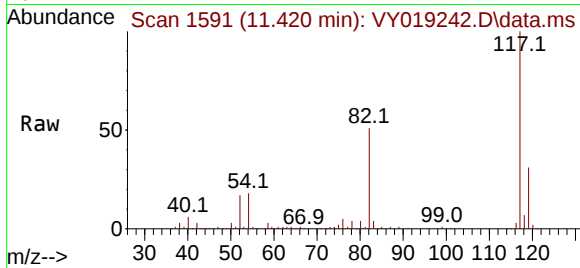




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

Instrument :
MSVOA_Y
ClientSampleId :
920-J-SD-0-0.5-081624

Tgt Ion:117 Resp: 137265
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019242.D
Acq: 23 Aug 2024 01:27

Tgt Ion:152 Resp: 45871
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 161.9 0.0 345.6

