

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019096.D
 Acq On : 16 Aug 2024 16:16
 Operator : SY/MD
 Sample : P3580-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 923-K1-SD-0.5-1-081224

Quant Time: Aug 17 00:06:40 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)

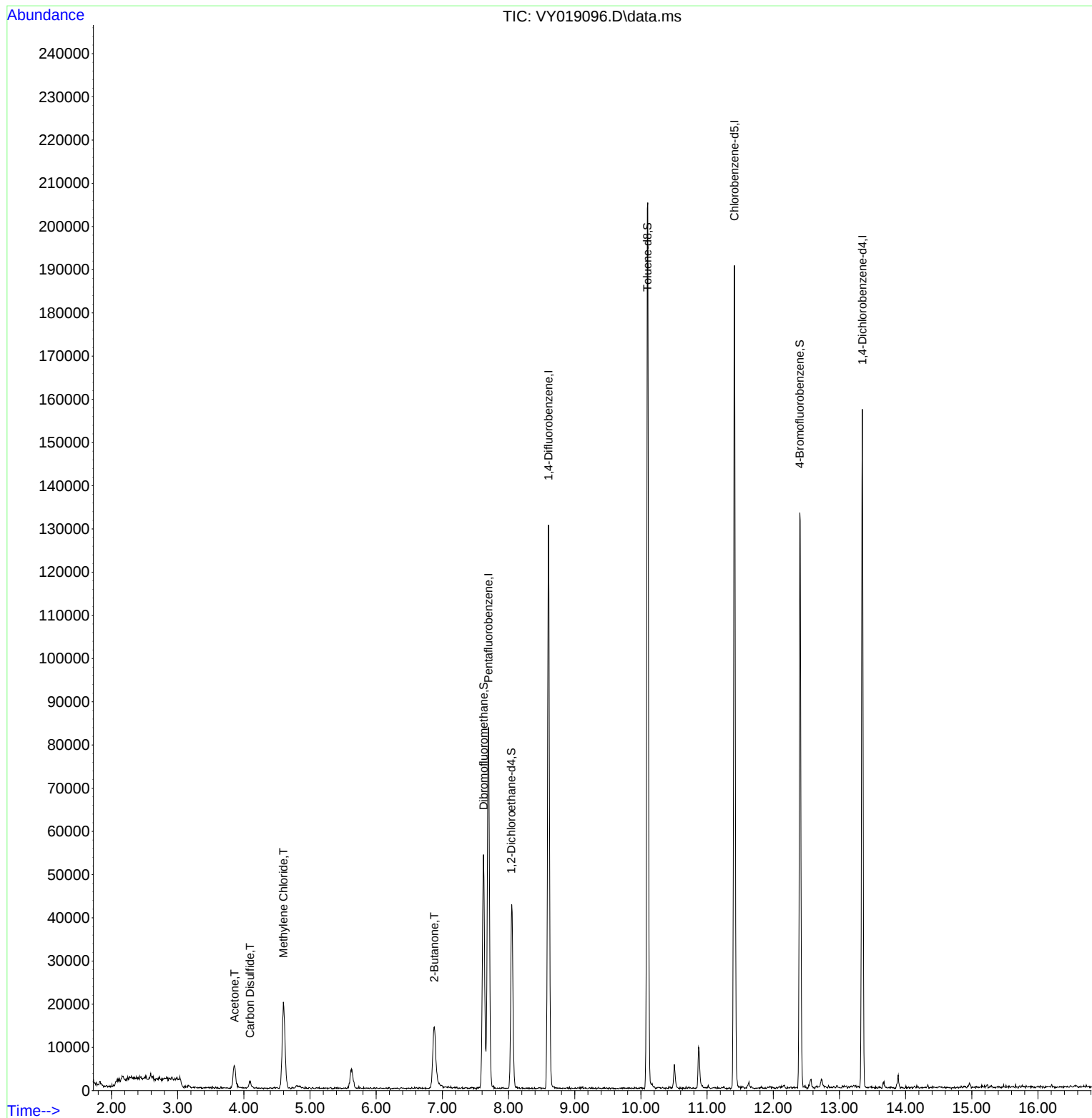
Internal Standards						
1) Pentafluorobenzene	7.695	168	64506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	112156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	99049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	38908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.043	65	32800	50.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.460%
35) Dibromofluoromethane	7.622	113	36913	50.335	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.680%
50) Toluene-d8	10.097	98	134557	50.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.401	95	39319	43.705	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.400%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	9512	79.321	ug/l #	85
17) Carbon Disulfide	4.092	76	2791	1.538	ug/l #	85
20) Methylene Chloride	4.598	84	14881	12.263	ug/l	87
25) 2-Butanone	6.878	43	3568	18.475	ug/l	95

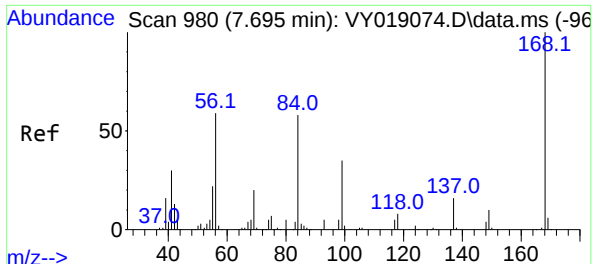
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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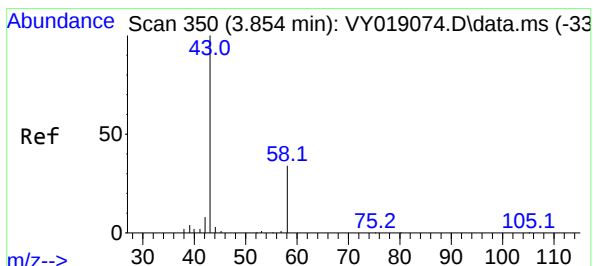
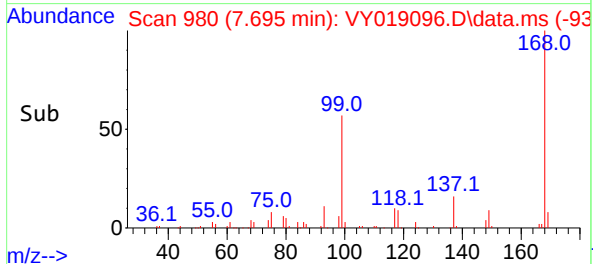
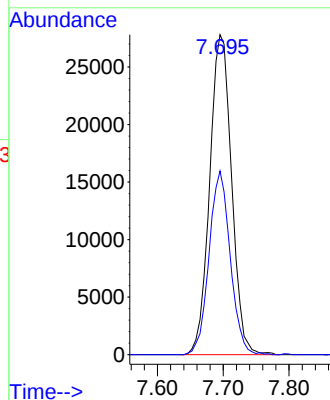
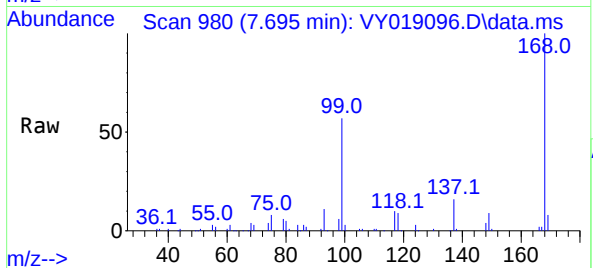




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

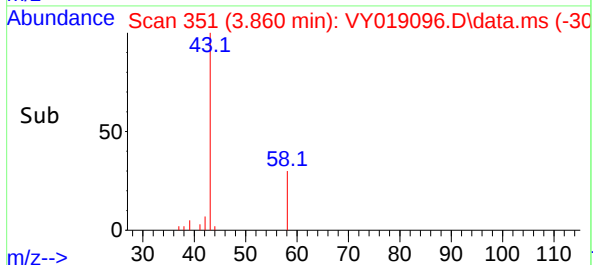
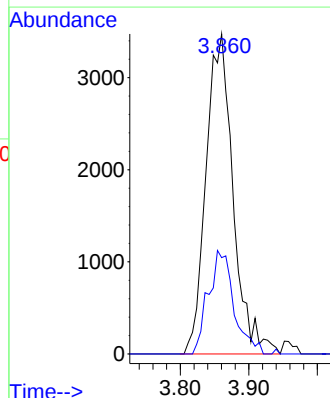
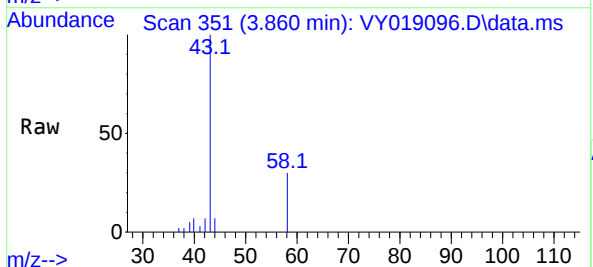
Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0.5-1-081224

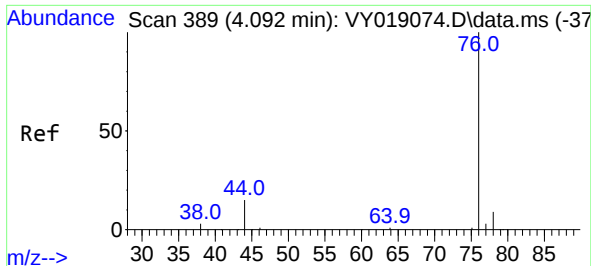
Tgt Ion:168 Resp: 64506
Ion Ratio Lower Upper
168 100
99 57.4 39.1 58.7



#16
Acetone
Concen: 79.321 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion: 43 Resp: 9512
Ion Ratio Lower Upper
43 100
58 30.1 31.7 47.5#

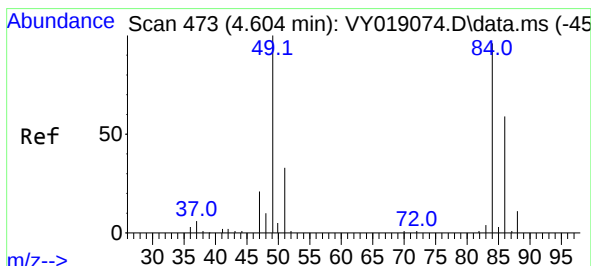
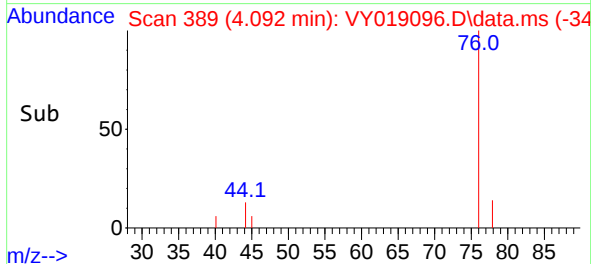
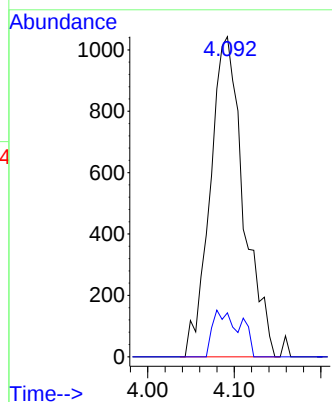
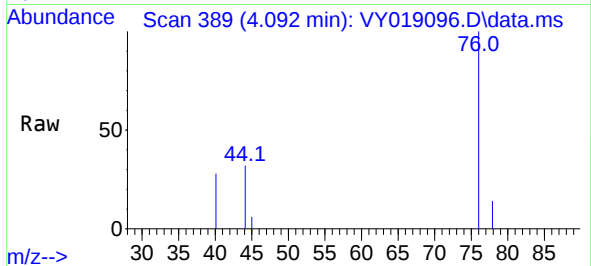




#17
Carbon Disulfide
Concen: 1.538 ug/l
RT: 4.092 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

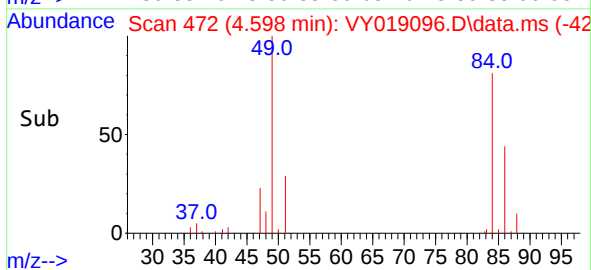
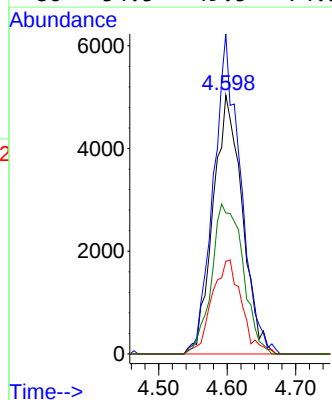
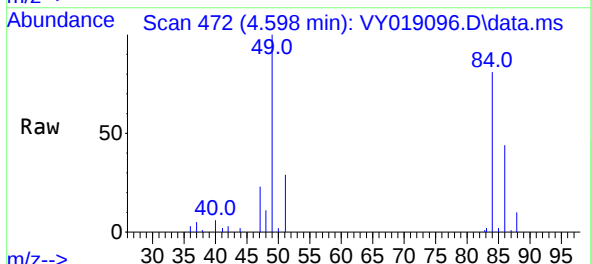
Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0.5-1-081224

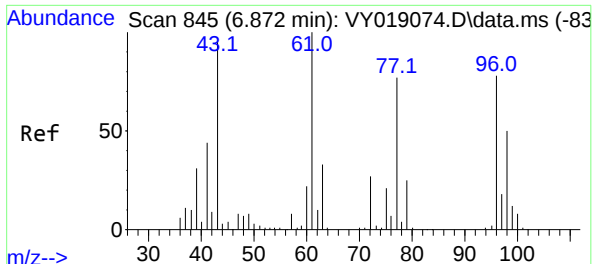
Tgt Ion: 76 Resp: 2791
Ion Ratio Lower Upper
76 100
78 13.7 6.8 10.2#



#20
Methylene Chloride
Concen: 12.263 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion: 84 Resp: 14881
Ion Ratio Lower Upper
84 100
49 123.6 84.4 126.6
51 35.7 26.0 39.0
86 54.5 49.5 74.3

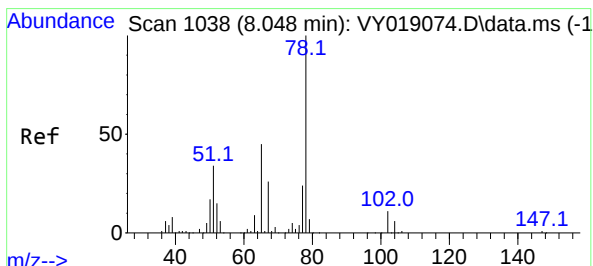
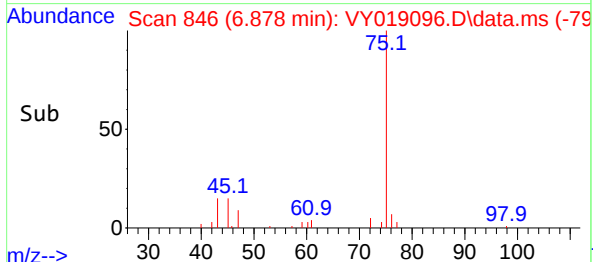
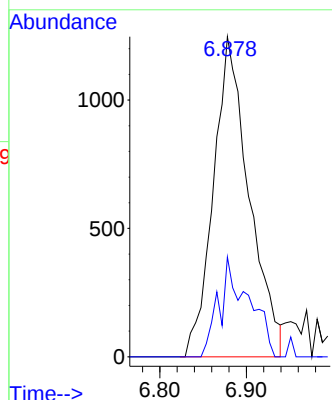
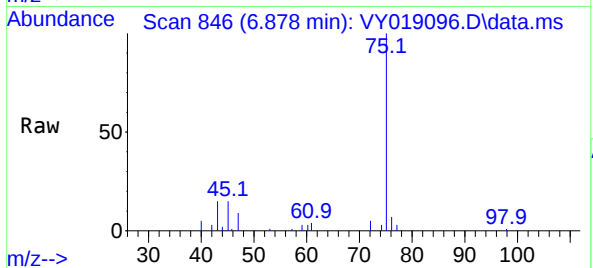




#25
2-Butanone
Concen: 18.475 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

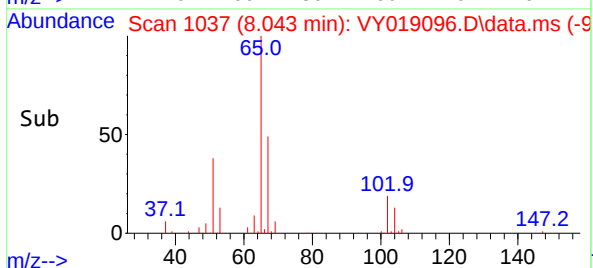
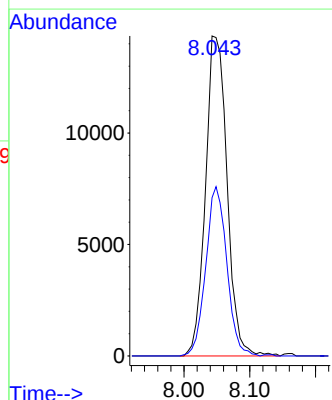
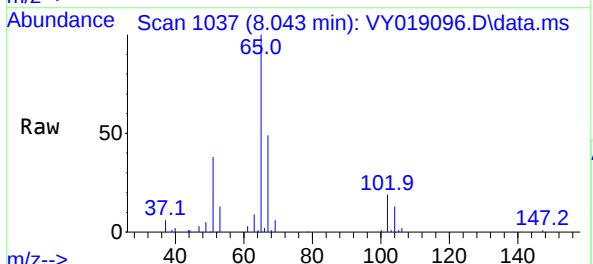
Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0.5-1-081224

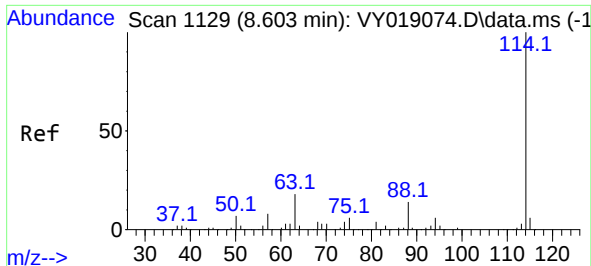
Tgt Ion: 43 Resp: 3568
Ion Ratio Lower Upper
43 100
72 31.2 27.3 40.9



#33
1,2-Dichloroethane-d4
Concen: 50.725 ug/l
RT: 8.043 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion: 65 Resp: 32800
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

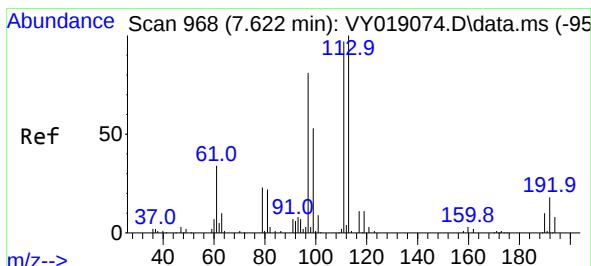
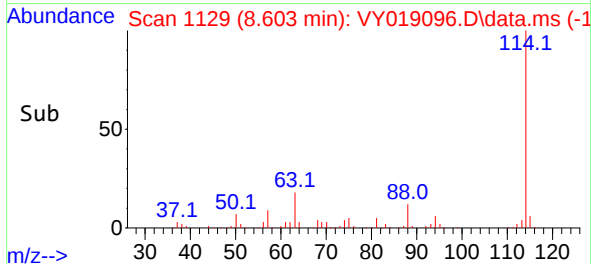
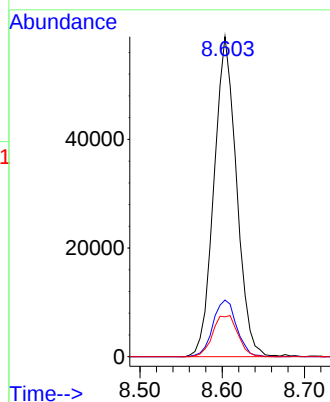
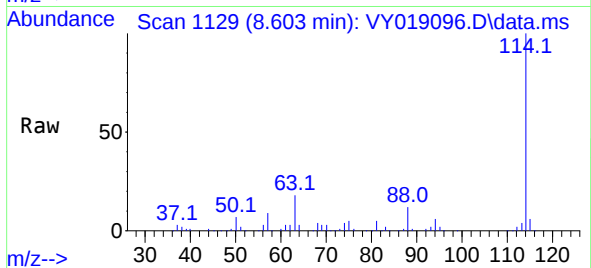




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

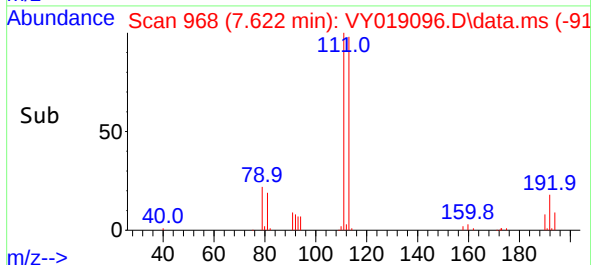
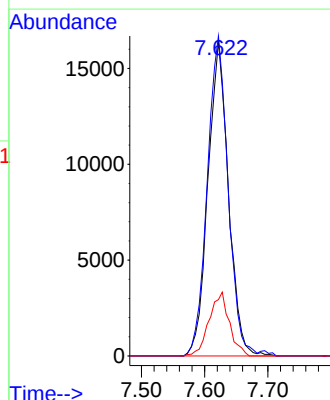
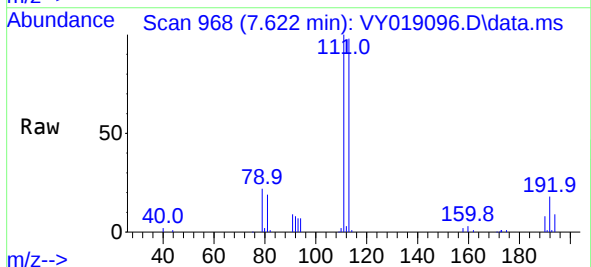
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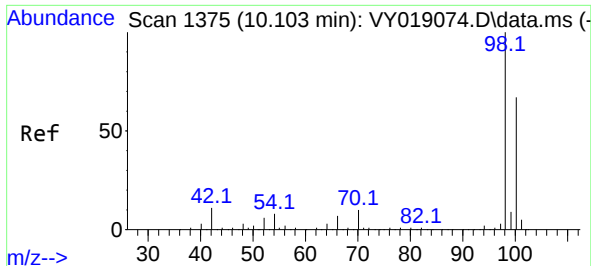
Tgt Ion:114 Resp: 112156
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 12.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.335 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion:113 Resp: 36913
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 20.0 15.9 23.9

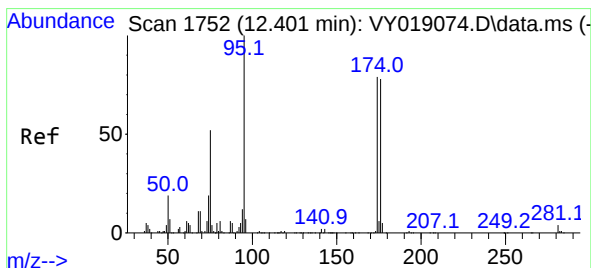
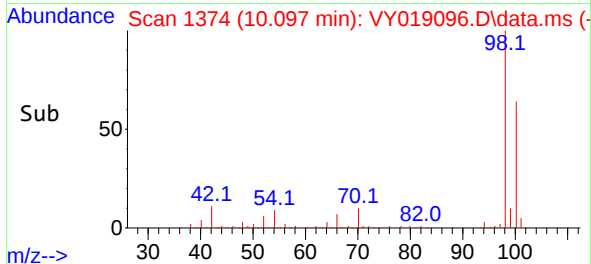
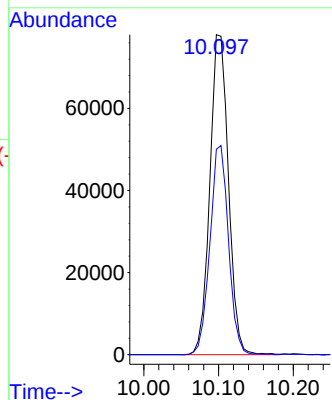
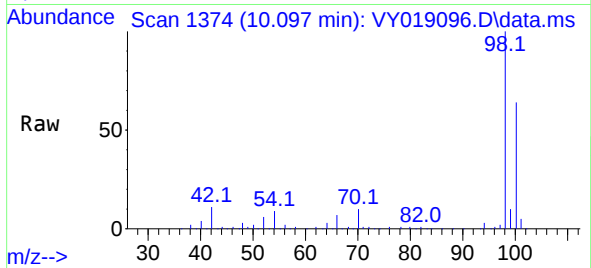




#50
Toluene-d8
Concen: 50.987 ug/l
RT: 10.097 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

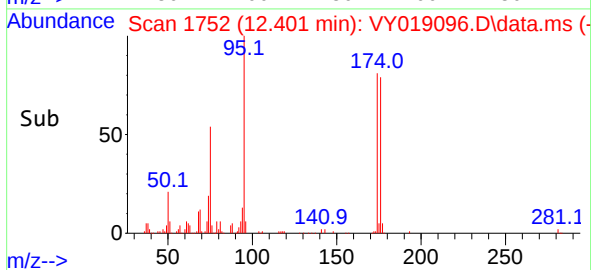
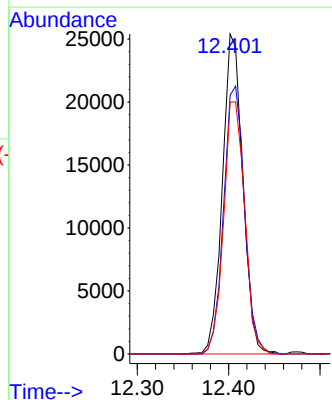
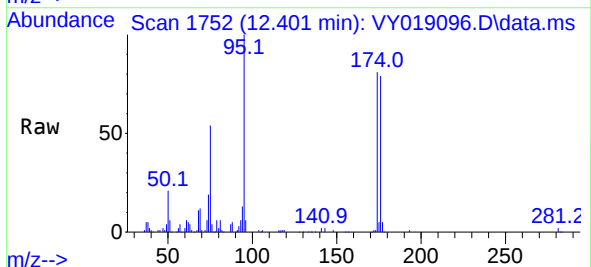
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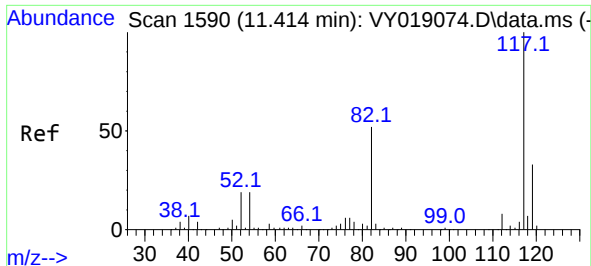
Tgt Ion: 98 Resp: 134557
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.705 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion: 95 Resp: 39319
Ion Ratio Lower Upper
95 100
174 86.4 0.0 175.6
176 81.9 0.0 171.4

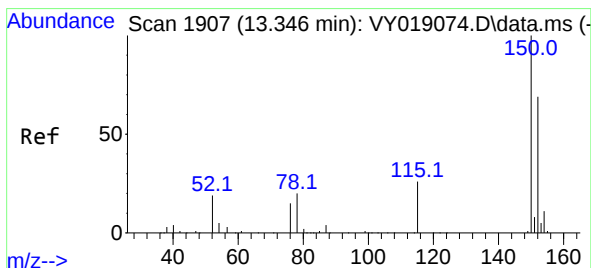
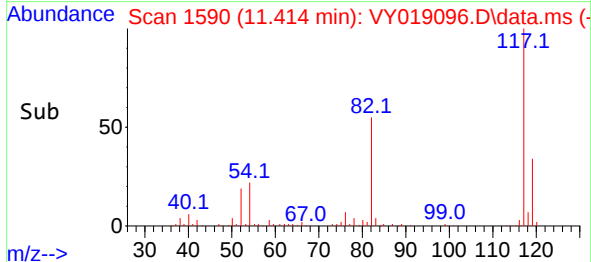
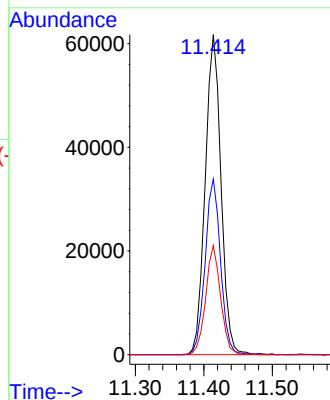
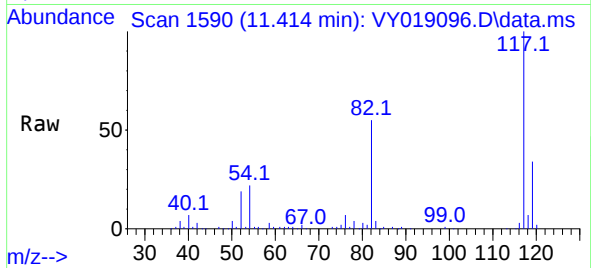




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019096.D
Acq: 16 Aug 2024 16:16

Instrument :
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Tgt Ion:117	Resp:	99049
Ion	Ratio	Lower Upper
117	100	
82	54.9	42.4 63.6
119	34.1	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: VY019096.D
Acq: 16 Aug 2024 16:16

Tgt Ion:152	Resp:	38908
Ion	Ratio	Lower Upper
152	100	
115	56.8	28.2 84.7
150	156.9	0.0 345.6

