

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016821.D
 Acq On : 22 Dec 2023 20:17
 Operator : SY/MD
 Sample : 05879-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM30

Quant Time: Dec 22 23:05:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

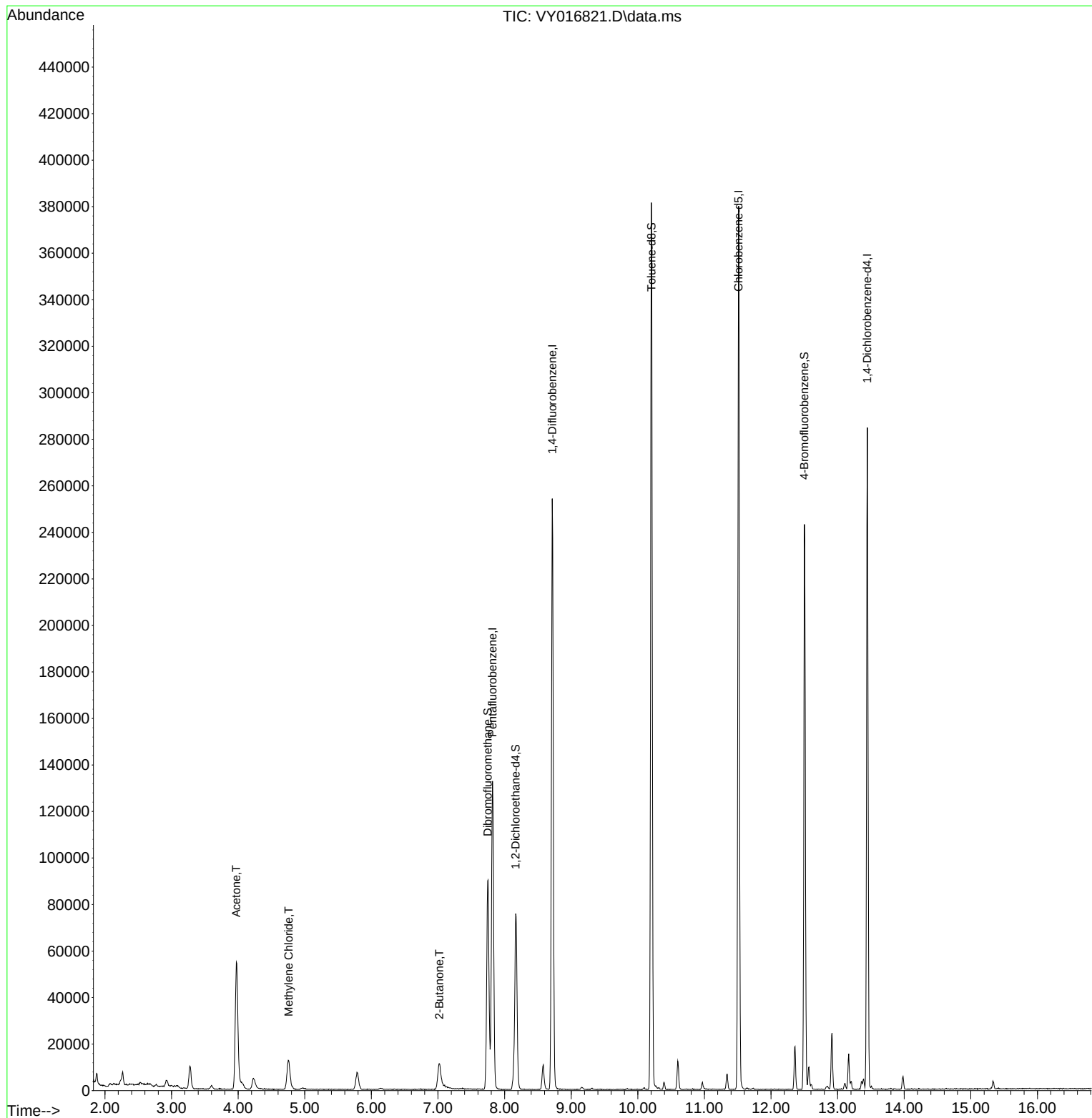
Internal Standards						
1) Pentafluorobenzene	7.819	168	99702	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	217755	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	204815	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	70207	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	57818	63.524	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.040%	
35) Dibromofluoromethane	7.746	113	66687	53.463	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.203	98	244114	54.289	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.580%	
62) 4-Bromofluorobenzene	12.502	95	70081	48.039	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.080%	
Target Compounds						
						Qvalue
16) Acetone	3.973	43	100372	407.815	ug/l	99
20) Methylene Chloride	4.759	84	9773	5.006	ug/l	94
25) 2-Butanone	7.021	43	9663	28.516	ug/l	93

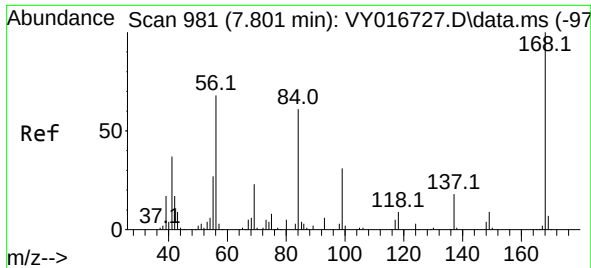
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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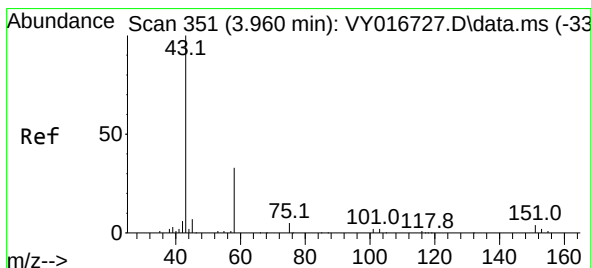
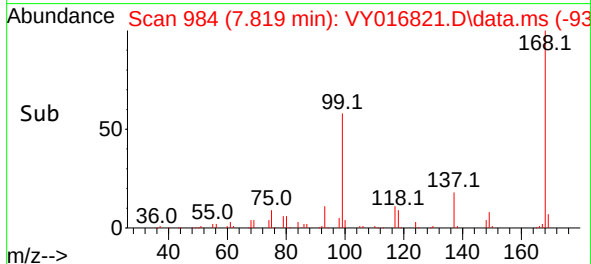
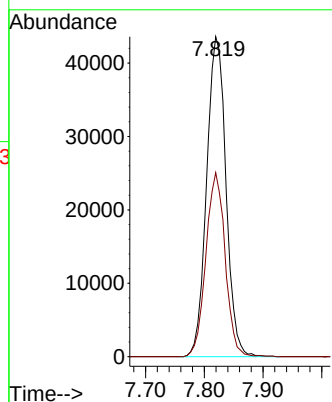
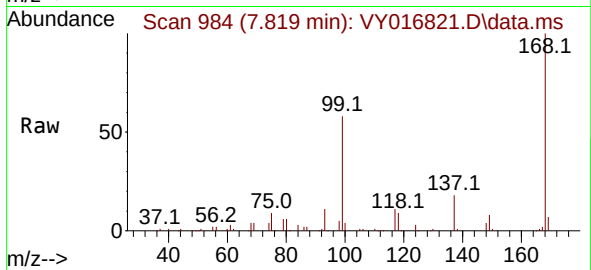




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016821.D
Acq: 22 Dec 2023 20:17

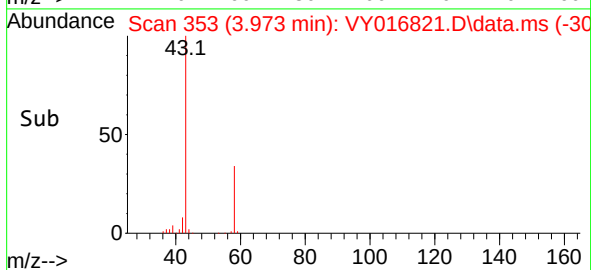
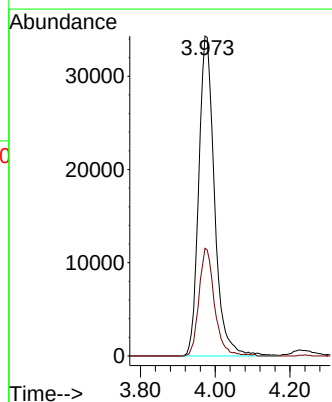
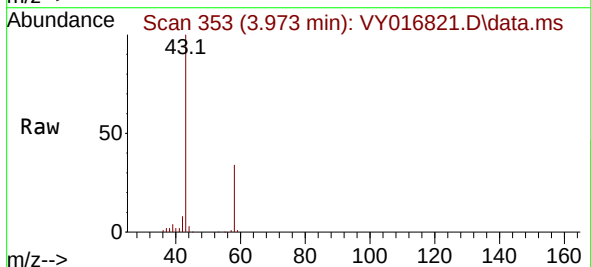
Instrument :
MSVOA_Y
ClientSampleId :
COM30

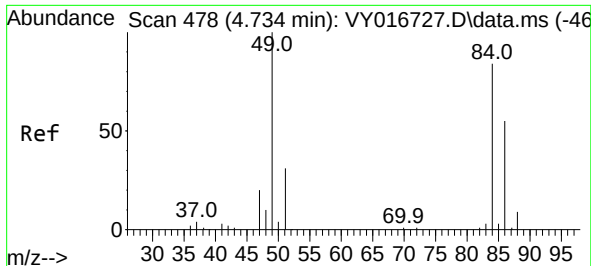
Tgt Ion:168 Resp: 99702
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#16
Acetone
Concen: 407.815 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016821.D
Acq: 22 Dec 2023 20:17

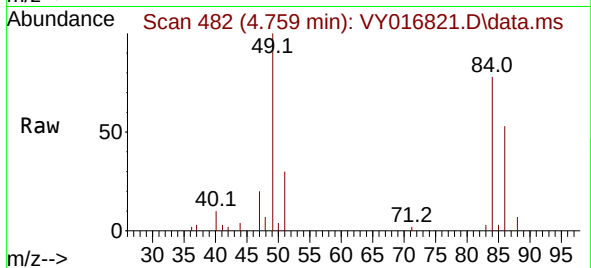
Tgt Ion: 43 Resp: 100372
Ion Ratio Lower Upper
43 100
58 33.7 26.6 39.8



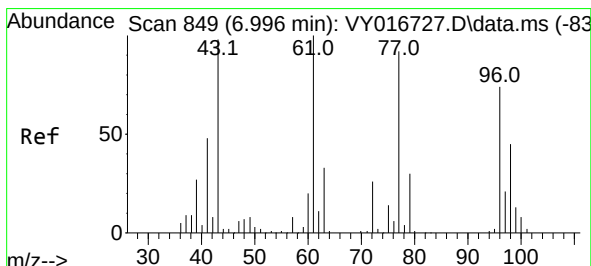
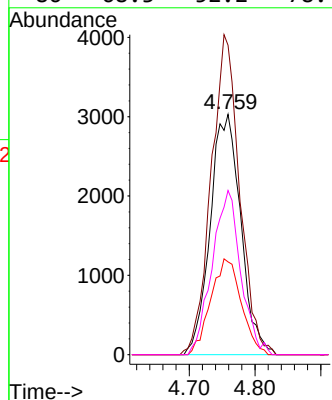
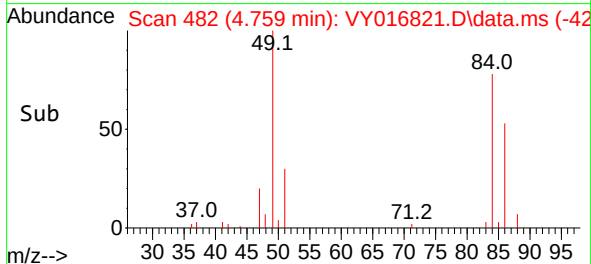


#20
Methylene Chloride
Concen: 5.006 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY016821.D
Acq: 22 Dec 2023 20:17

Instrument :
MSVOA_Y
ClientSampleId :
COM30

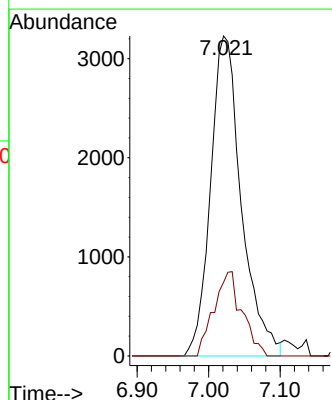
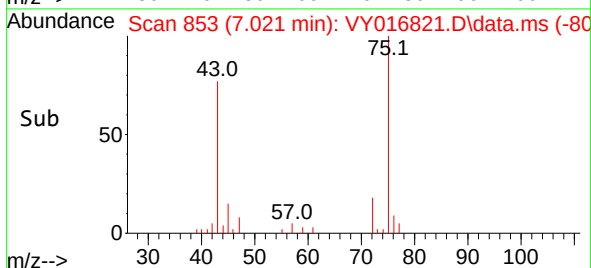
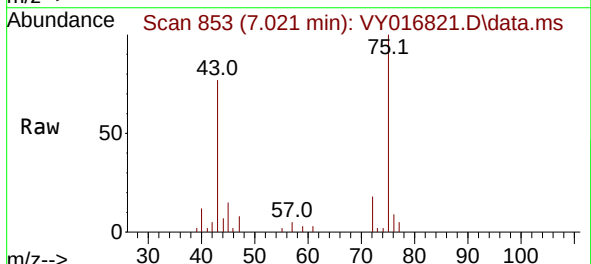


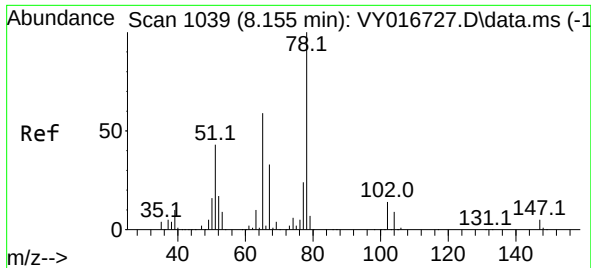
Tgt Ion: 84	Resp: 9773
Ion Ratio	Lower Upper
84 100	
49 128.7	95.2 142.8
51 38.6	29.9 44.9
86 68.3	52.2 78.4



#25
2-Butanone
Concen: 28.516 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.025 min
Lab File: VY016821.D
Acq: 22 Dec 2023 20:17

Tgt Ion: 43	Resp: 9663		
Ion	Ratio	Lower	Upper
43	100		
72	23.0	21.4	32.2

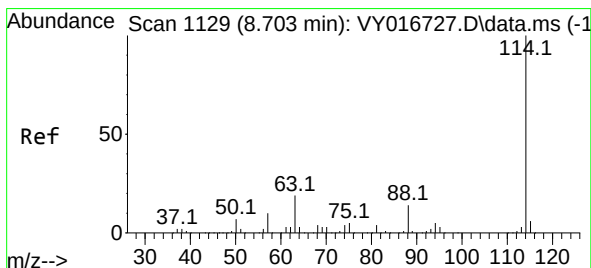
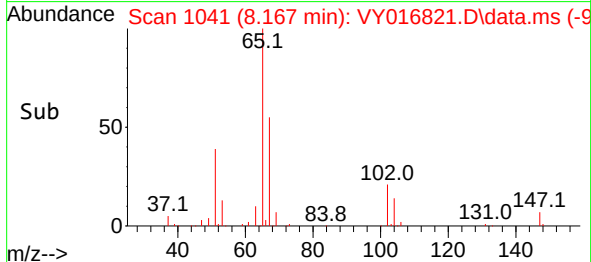
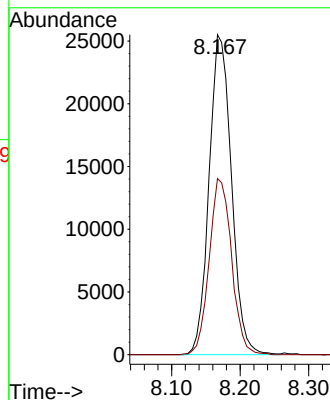
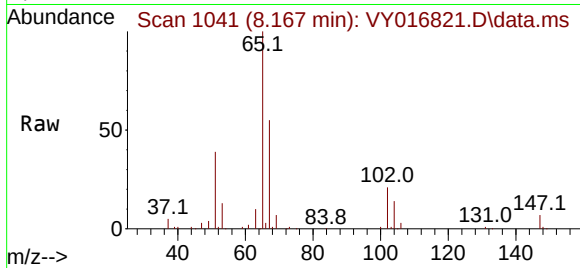




#33
 1,2-Dichloroethane-d4
 Concen: 63.524 ug/l
 RT: 8.167 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: VY016821.D
 Acq: 22 Dec 2023 20:17

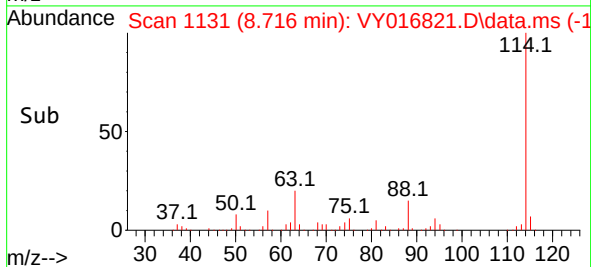
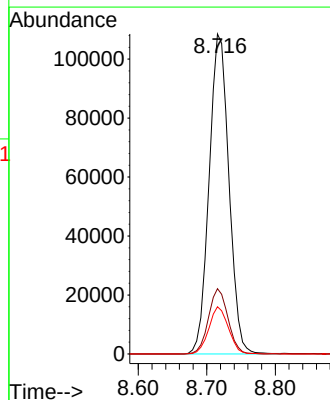
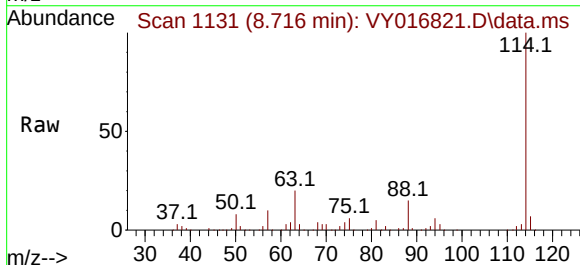
Instrument :
 MSVOA_Y
 ClientSampleId :
 COM30

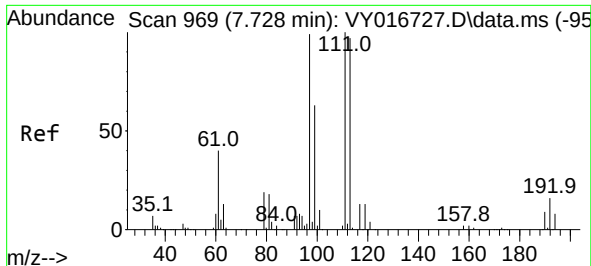
Tgt Ion: 65 Resp: 57818
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY016821.D
 Acq: 22 Dec 2023 20:17

Tgt Ion: 114 Resp: 217755
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 37.4
 88 14.8 0.0 29.0

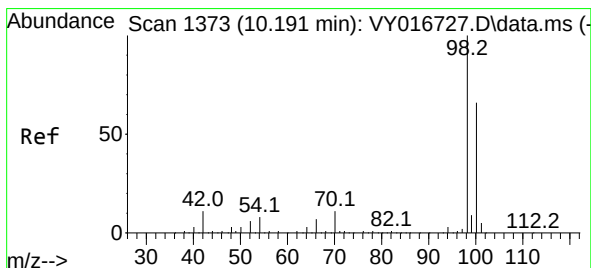
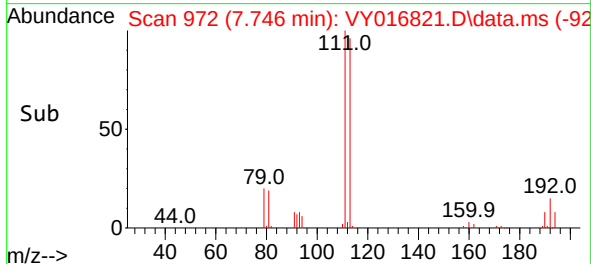
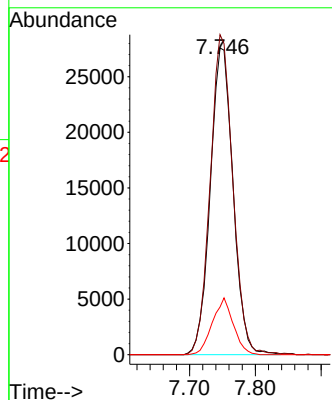
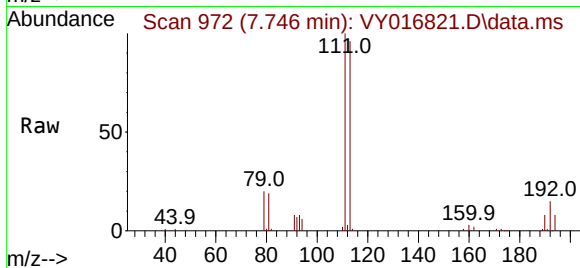




#35
Dibromofluoromethane
Concen: 53.463 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016821.D
Acq: 22 Dec 2023 20:17

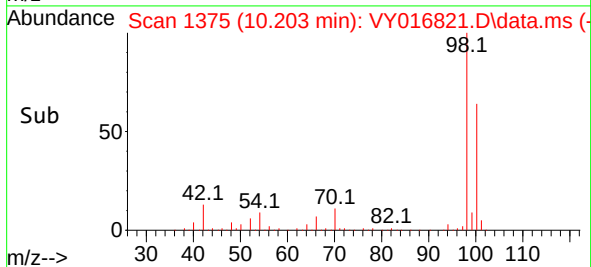
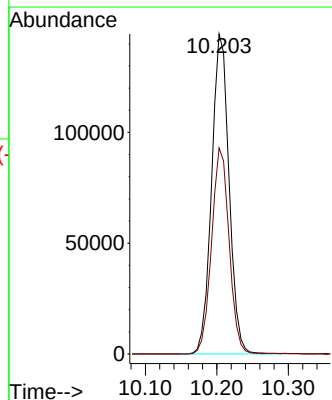
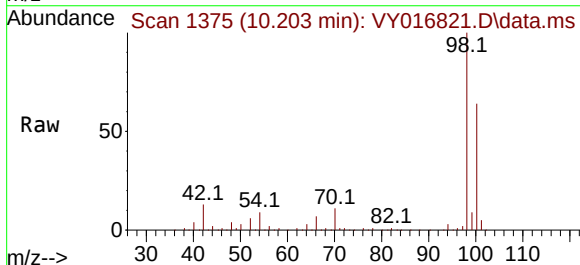
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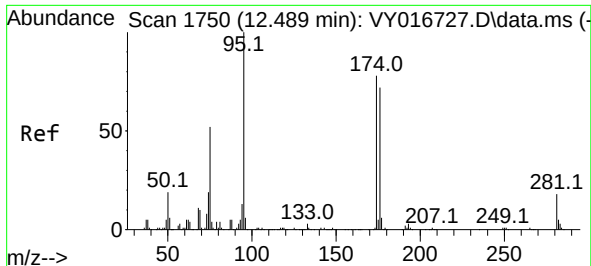
Tgt Ion:113 Resp: 66687
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.0 14.5 21.7



#50
Toluene-d8
Concen: 54.289 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016821.D
Acq: 22 Dec 2023 20:17

Tgt Ion: 98 Resp: 244114
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

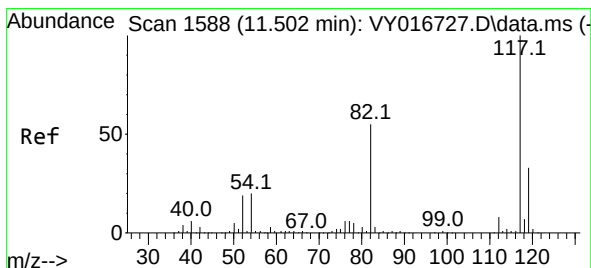
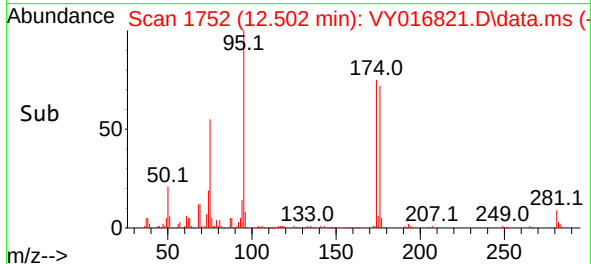
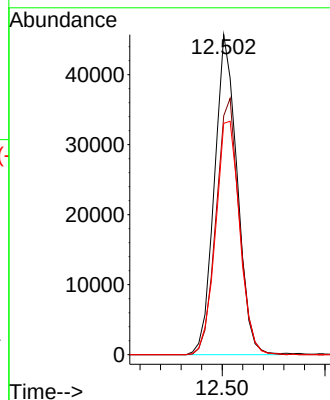
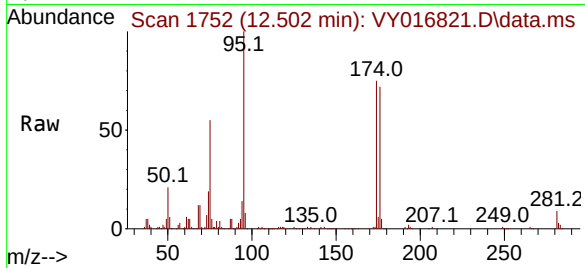




#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016821.D
Acq: 22 Dec 2023 20:17

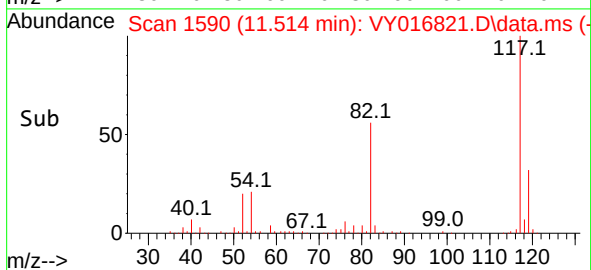
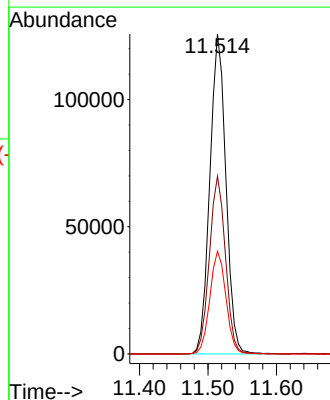
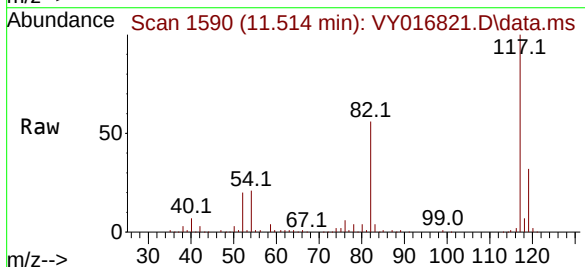
Instrument :
MSVOA_Y
ClientSampleId :
COM30

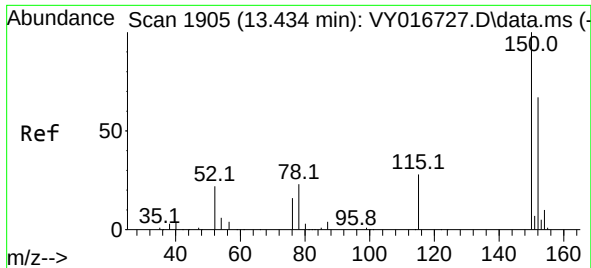
Tgt Ion: 95 Resp: 70081
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.0
176 77.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016821.D
Acq: 22 Dec 2023 20:17

Tgt Ion: 117 Resp: 204815
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 32.1 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.012 min
 Lab File: VY016821.D
 Acq: 22 Dec 2023 20:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM30

Tgt Ion:152 Resp: 70207
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.0 90.0
 150 158.7 0.0 344.6

