

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016815.D
 Acq On : 22 Dec 2023 17:57
 Operator : SY/MD
 Sample : 05877-19
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM56

Quant Time: Dec 22 23:02:52 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)

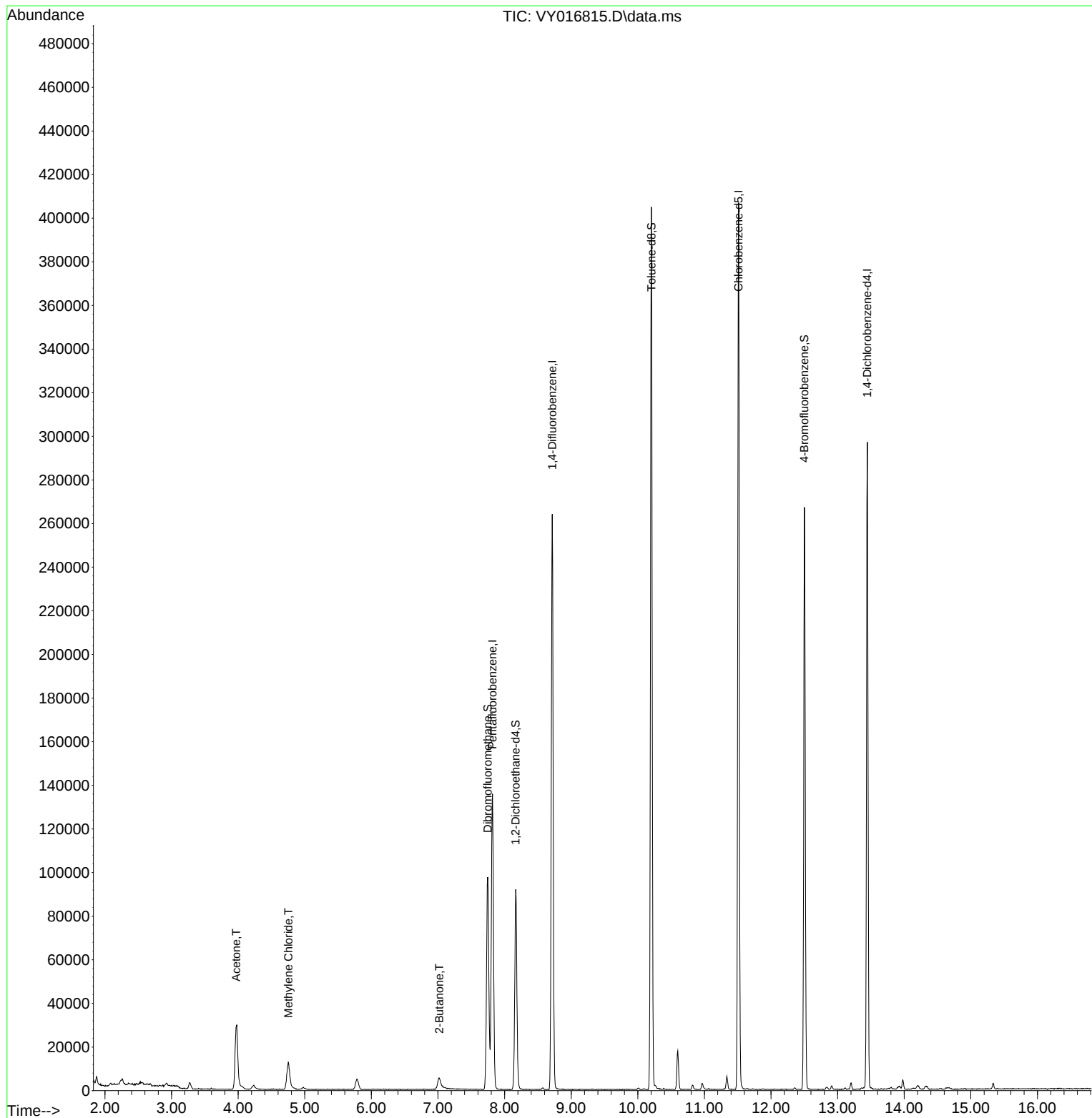
Internal Standards						
1) Pentafluorobenzene	7.819	168	101723	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	224593	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	219878	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	74111	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	68926	74.224	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.440%	
35) Dibromofluoromethane	7.746	113	72434	56.302	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.600%	
50) Toluene-d8	10.203	98	260960	56.268	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.540%	
62) 4-Bromofluorobenzene	12.501	95	78880	52.425	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.840%	
Target Compounds						
						Qvalue
16) Acetone	3.972	43	55175	219.724	ug/l	99
20) Methylene Chloride	4.753	84	9338	4.502	ug/l	95
25) 2-Butanone	7.020	43	3925	11.353	ug/l #	82

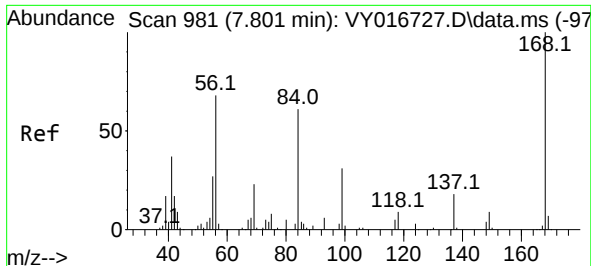
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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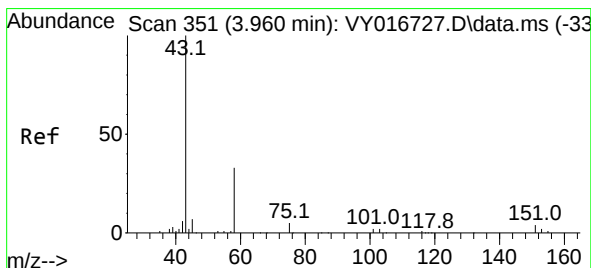
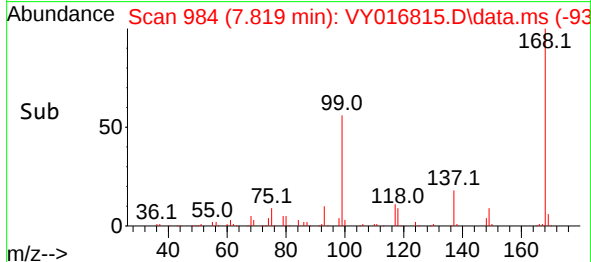
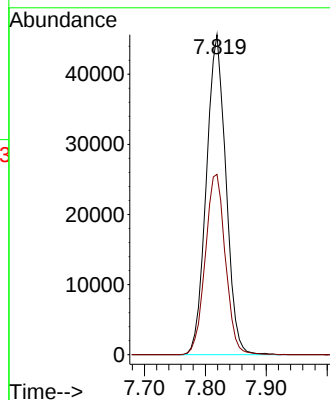
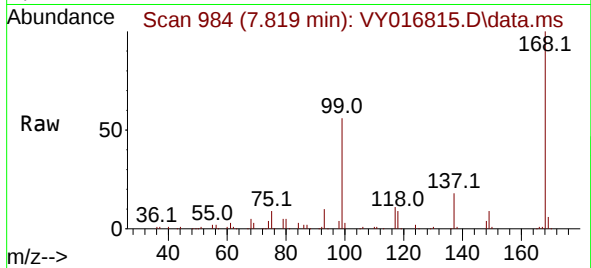




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016815.D
Acq: 22 Dec 2023 17:57

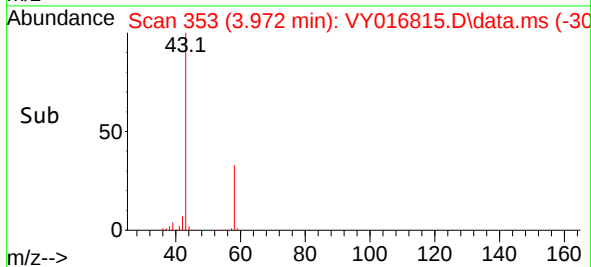
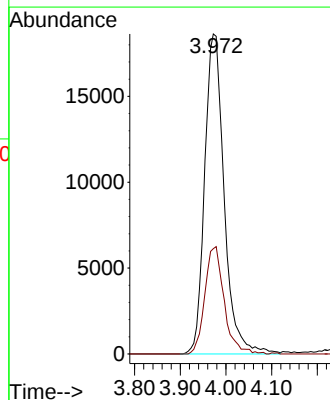
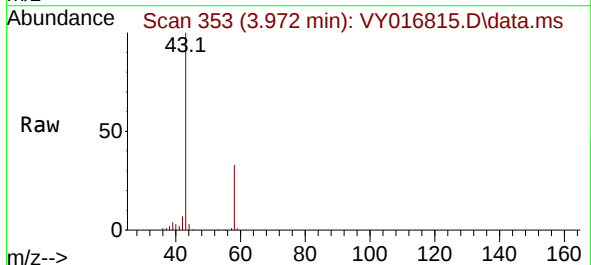
Instrument :
MSVOA_Y
ClientSampleId :
COM56

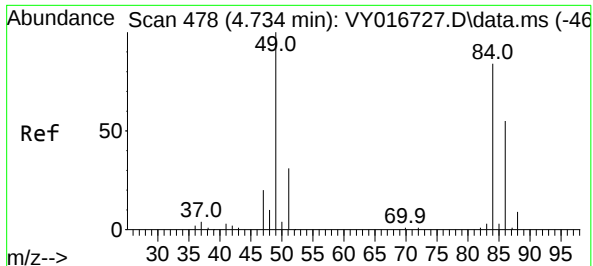
Tgt Ion:168 Resp: 101723
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#16
Acetone
Concen: 219.724 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016815.D
Acq: 22 Dec 2023 17:57

Tgt Ion: 43 Resp: 55175
Ion Ratio Lower Upper
43 100
58 32.9 26.6 39.8



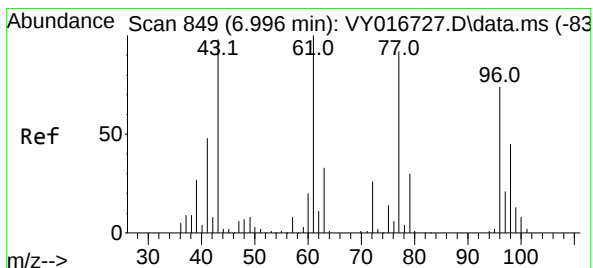
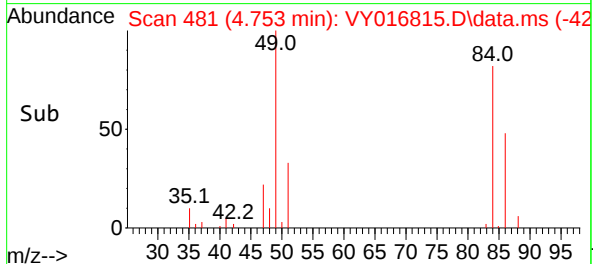
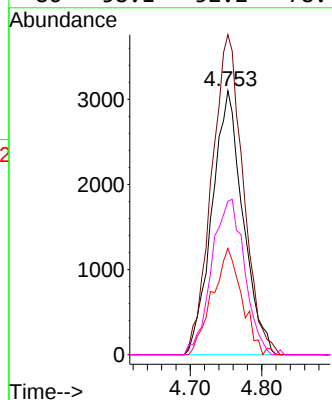
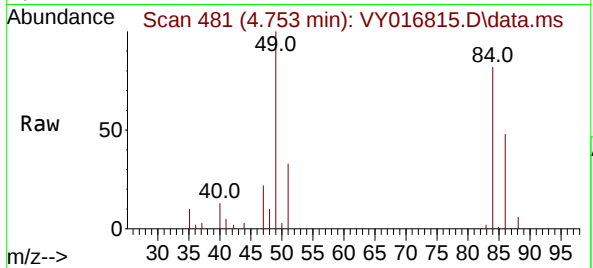


#20
Methylene Chloride
Concen: 4.502 ug/l
RT: 4.753 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY016815.D
Acq: 22 Dec 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
COM56

Tgt Ion: 84 Resp: 9338

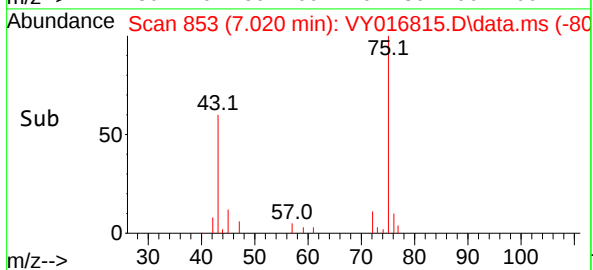
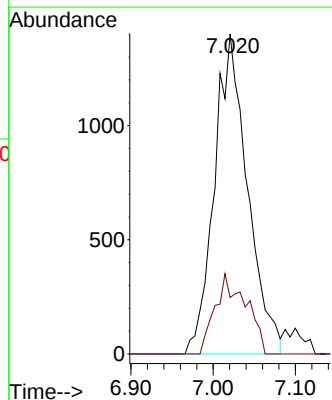
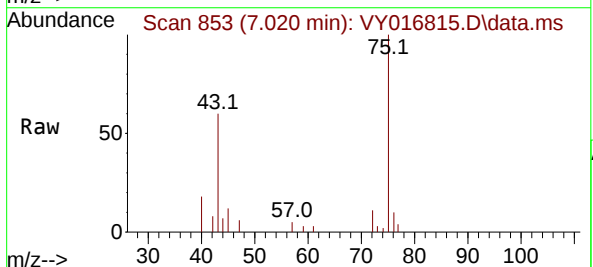
Ion	Ratio	Lower	Upper
84	100		
49	121.3	95.2	142.8
51	40.3	29.9	44.9
86	58.1	52.2	78.4

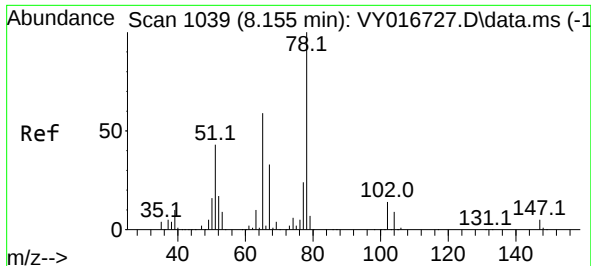


#25
2-Butanone
Concen: 11.353 ug/l
RT: 7.020 min Scan# 853
Delta R.T. 0.024 min
Lab File: VY016815.D
Acq: 22 Dec 2023 17:57

Tgt Ion: 43 Resp: 3925

Ion	Ratio	Lower	Upper
43	100		
72	17.6	21.4	32.2#





#33

1,2-Dichloroethane-d4

Concen: 74.224 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016815.D

Acq: 22 Dec 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

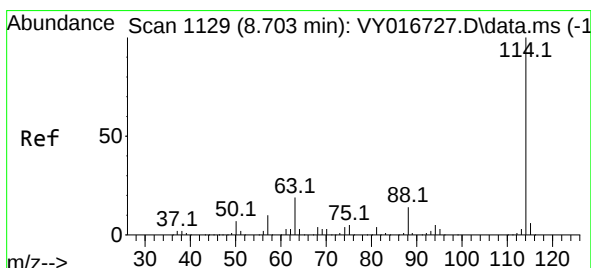
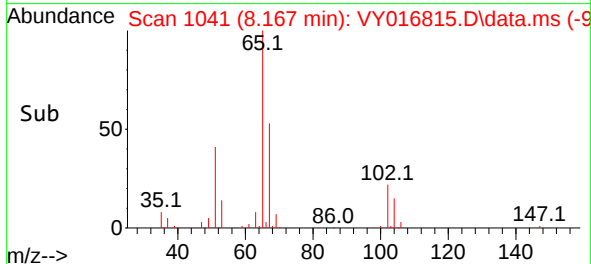
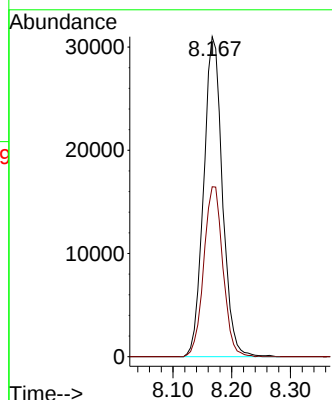
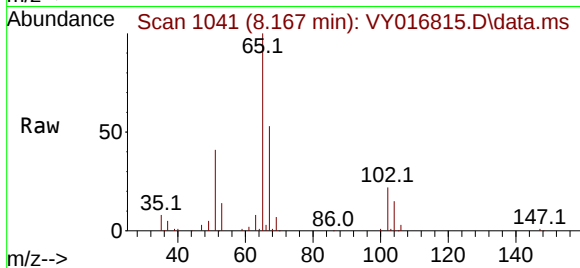
COM56

Tgt Ion: 65 Resp: 68926

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016815.D

Acq: 22 Dec 2023 17:57

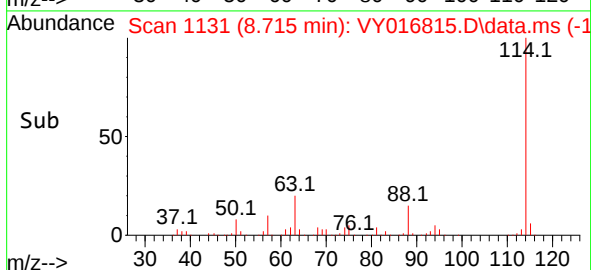
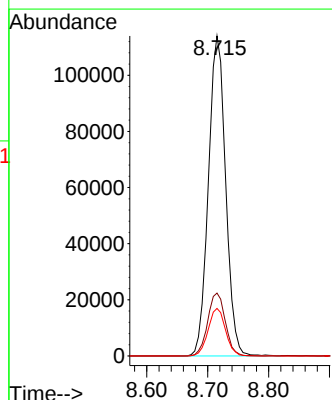
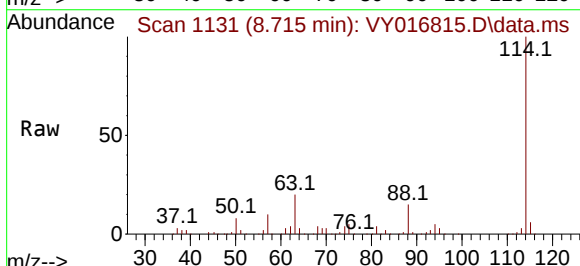
Tgt Ion: 114 Resp: 224593

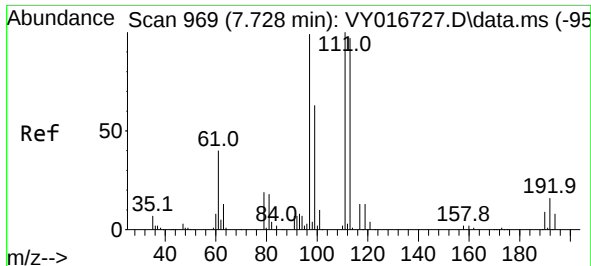
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.9 0.0 29.0

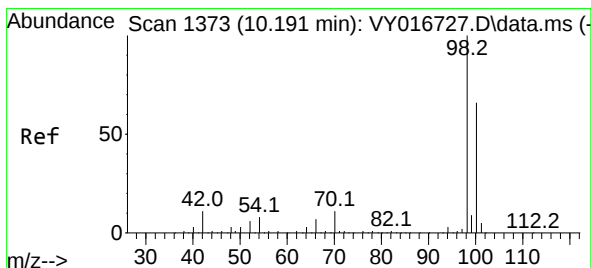
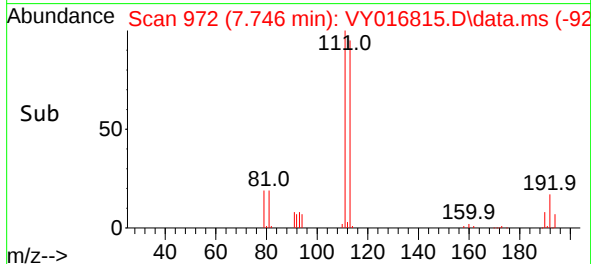
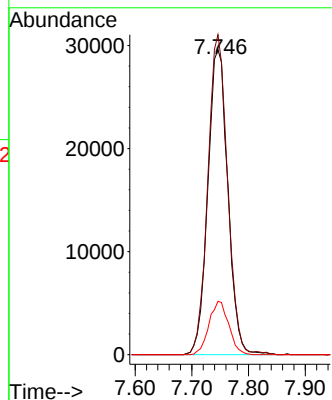
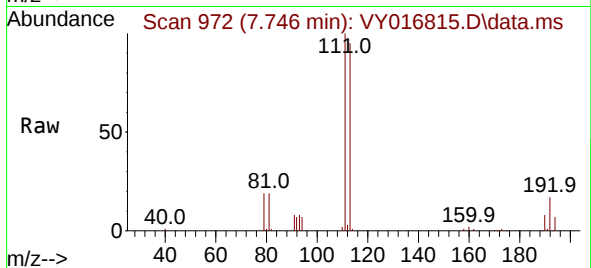




#35
Dibromofluoromethane
Concen: 56.302 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016815.D
Acq: 22 Dec 2023 17:57

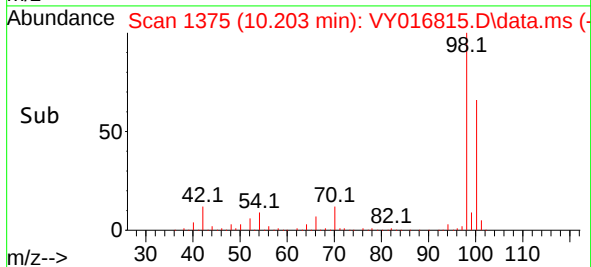
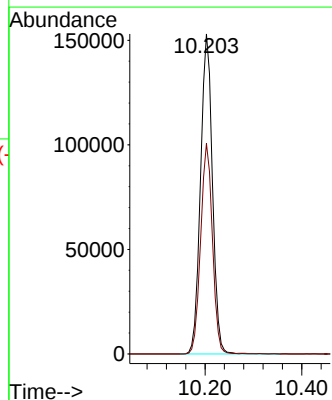
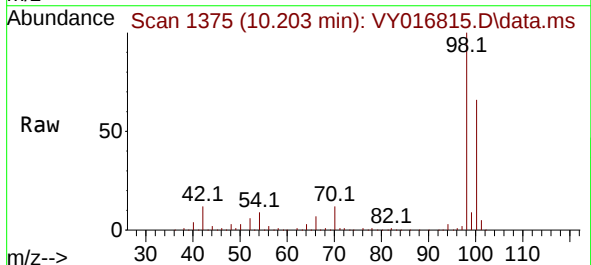
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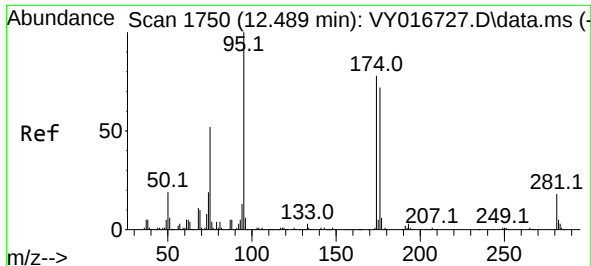
Tgt Ion:113 Resp: 72434
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 17.3 14.5 21.7



#50
Toluene-d8
Concen: 56.268 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016815.D
Acq: 22 Dec 2023 17:57

Tgt Ion: 98 Resp: 260960
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

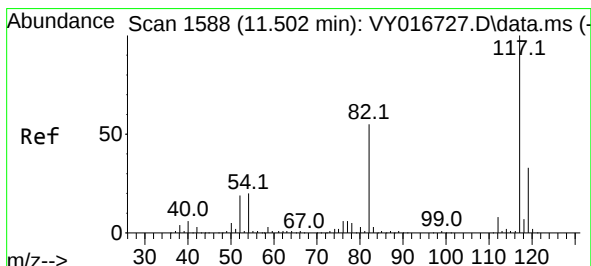
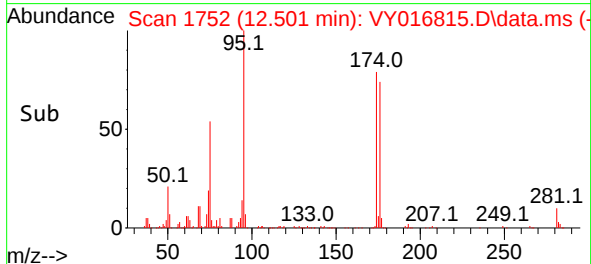
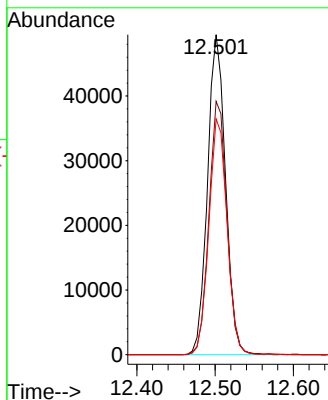
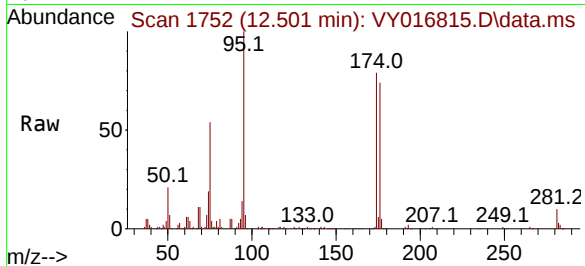




#62
4-Bromofluorobenzene
Concen: 52.425 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016815.D
Acq: 22 Dec 2023 17:57

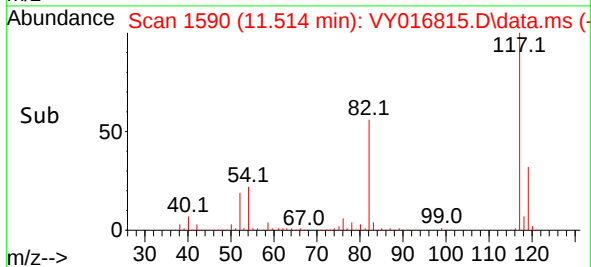
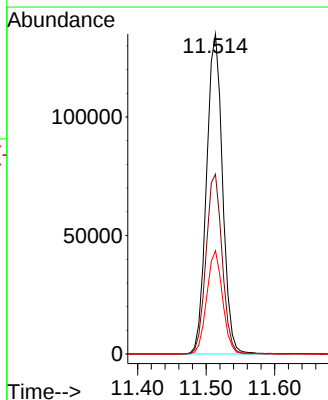
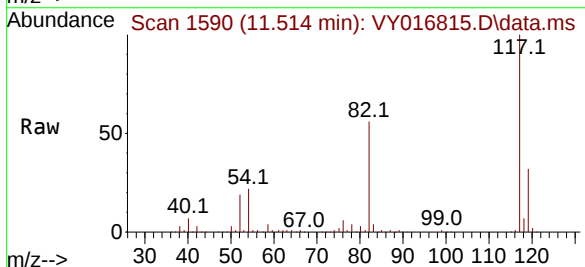
Instrument :
MSVOA_Y
ClientSampleId :
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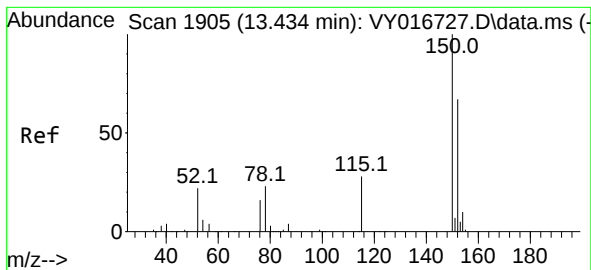
Tgt Ion: 95 Resp: 78880
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 74.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016815.D
Acq: 22 Dec 2023 17:57

Tgt Ion: 117 Resp: 219878
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 32.3 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: VY016815.D

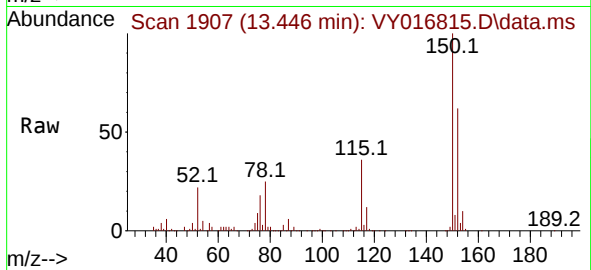
Acq: 22 Dec 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

COM56



Tgt Ion:152 Resp: 74111

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 158.9 0.0 344.6

