

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016789.D
 Acq On : 22 Dec 2023 04:58
 Operator : SY/MD
 Sample : 05876-17
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY2

Quant Time: Dec 22 06:41:46 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)

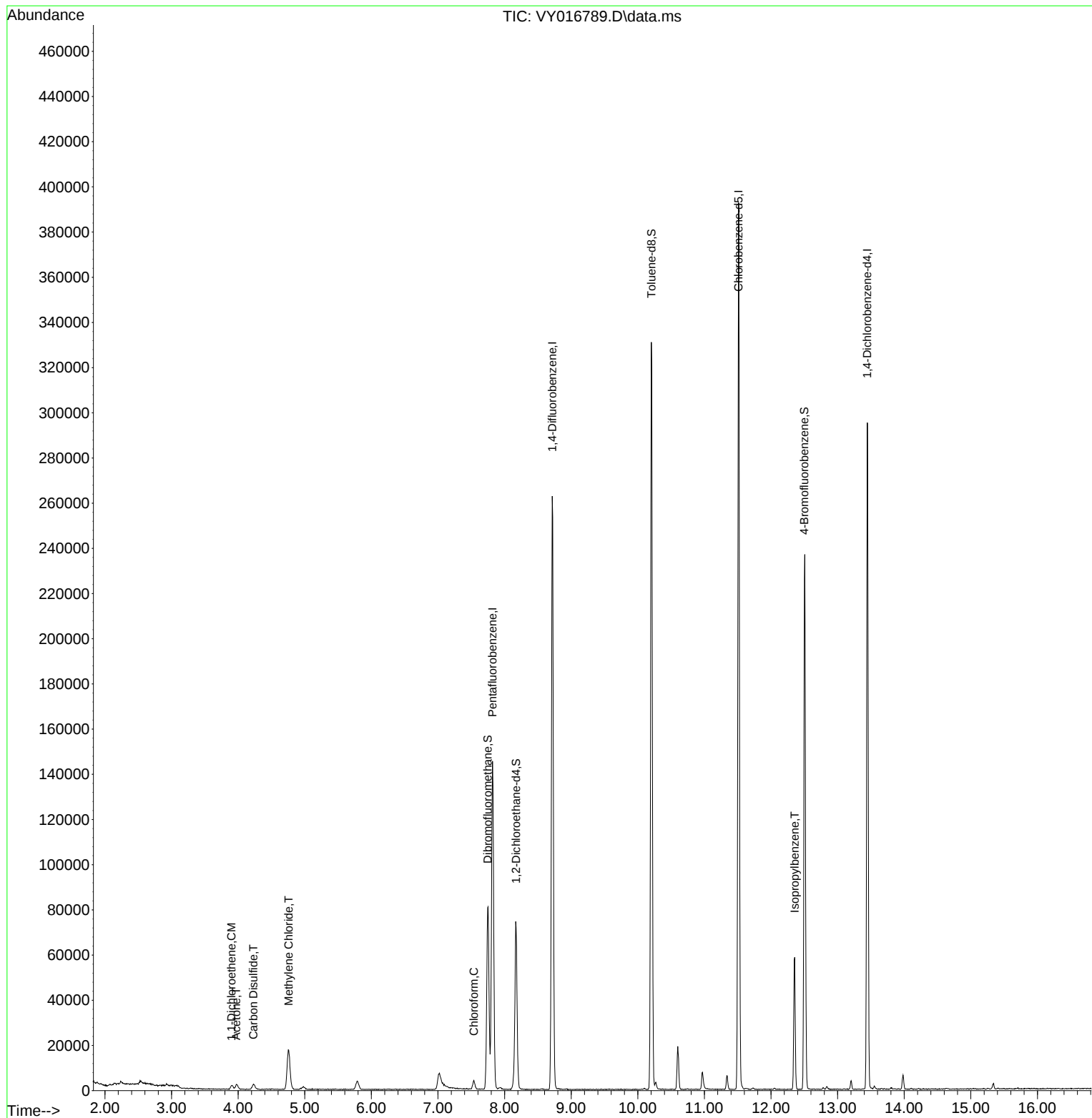
Internal Standards						
1) Pentafluorobenzene	7.819	168	108286	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	225832	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.513	117	208337	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	72898	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	54777	55.412	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.820%	
35) Dibromofluoromethane	7.746	113	58917	45.544	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.080%	
50) Toluene-d8	10.203	98	216204	46.362	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.720%	
62) 4-Bromofluorobenzene	12.501	95	69308	45.810	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.620%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.899	96	1026	1.004	ug/l #	86
16) Acetone	3.972	43	4048	15.143	ug/l	95
17) Carbon Disulfide	4.228	76	3103	1.116	ug/l	99
20) Methylene Chloride	4.759	84	13479	7.154	ug/l	95
30) Chloroform	7.539	83	3500	1.607	ug/l	95
73) Isopropylbenzene	12.355	105	36113	6.361	ug/l	99

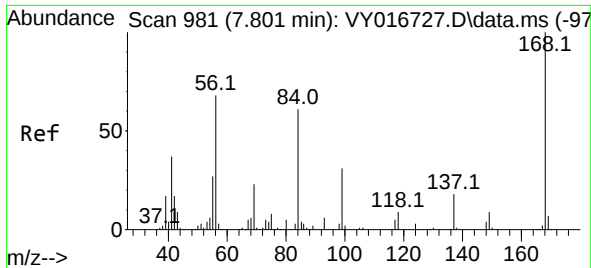
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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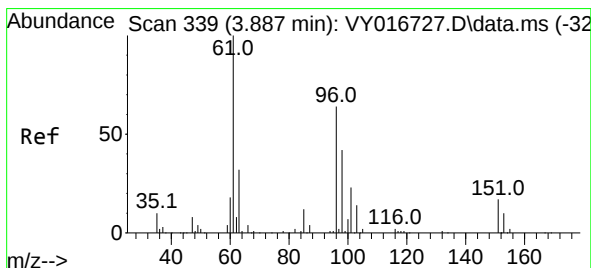
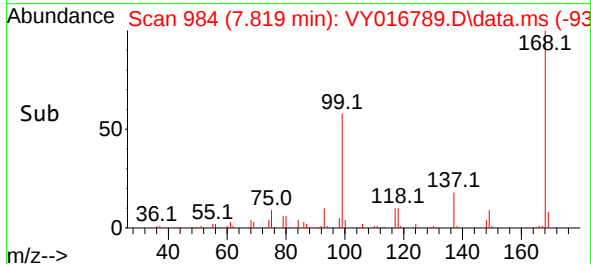
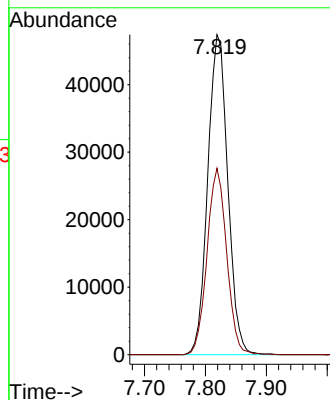
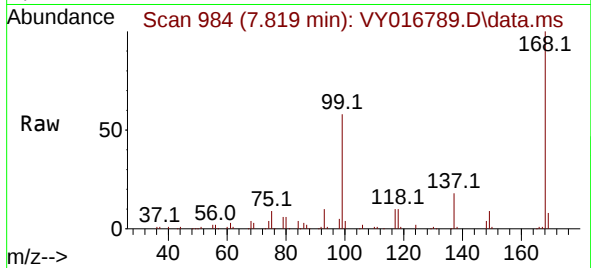




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

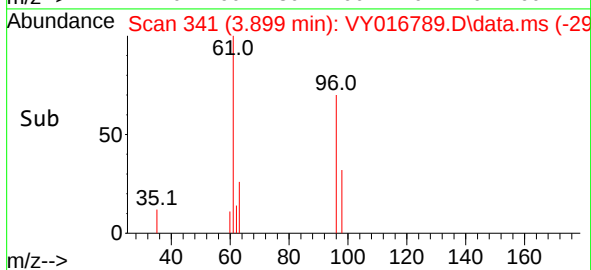
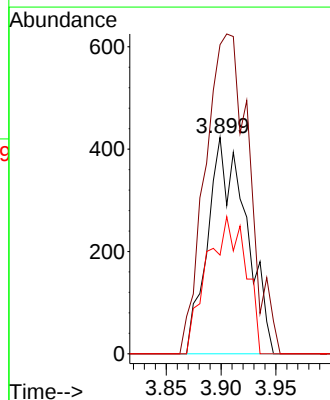
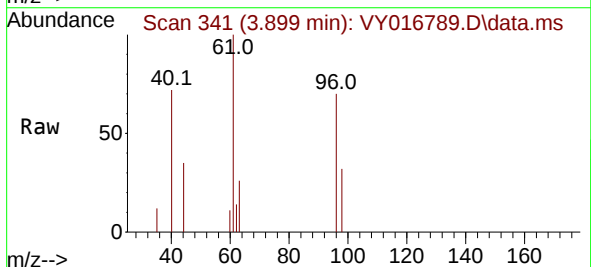
Instrument :
MSVOA_Y
ClientSampleId :
COLY2

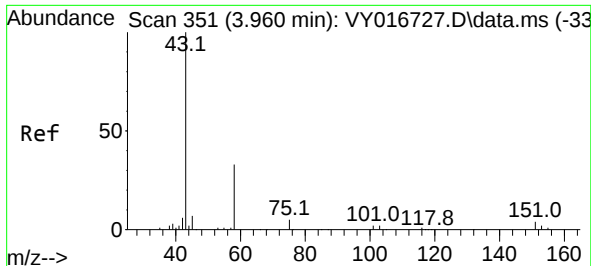
Tgt Ion:168 Resp: 108286
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4



#12
1,1-Dichloroethene
Concen: 1.004 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

Tgt Ion: 96 Resp: 1026
Ion Ratio Lower Upper
96 100
61 142.8 124.2 186.2
98 45.6 52.6 79.0#





#16

Acetone

Concen: 15.143 ug/l

RT: 3.972 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY016789.D

Acq: 22 Dec 2023 04:58

Instrument :

MSVOA_Y

ClientSampleId :

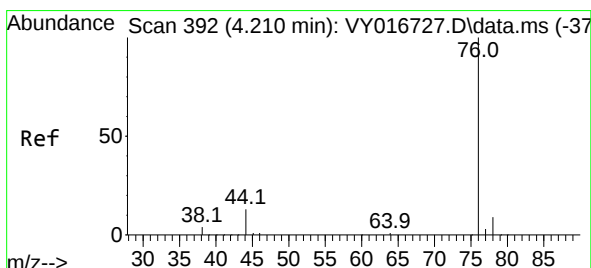
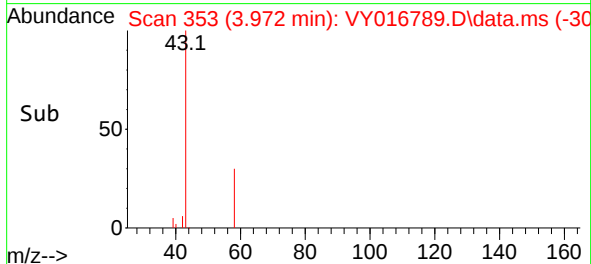
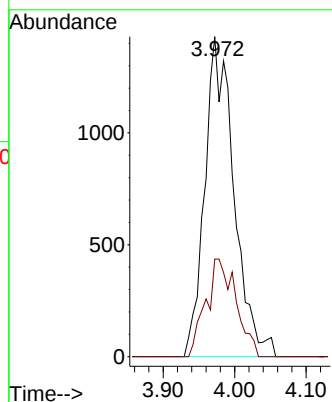
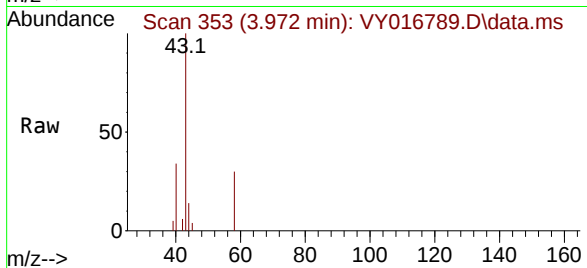
C0LY2

Tgt Ion: 43 Resp: 4048

Ion Ratio Lower Upper

43 100

58 30.5 26.6 39.8



#17

Carbon Disulfide

Concen: 1.116 ug/l

RT: 4.228 min Scan# 395

Delta R.T. 0.018 min

Lab File: VY016789.D

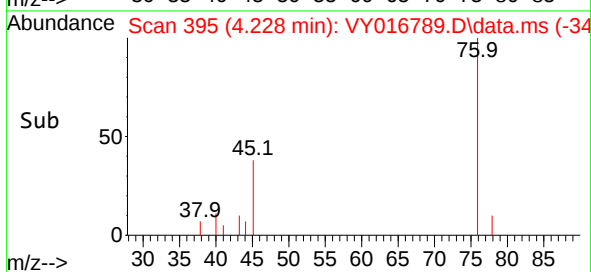
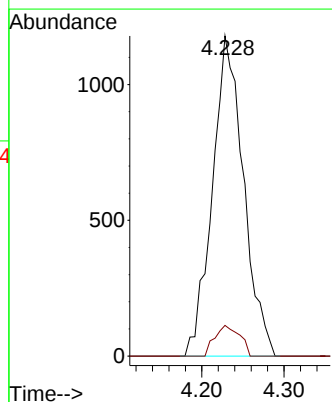
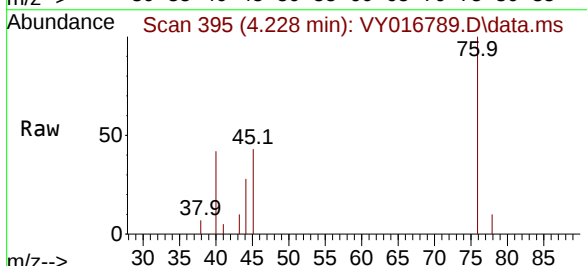
Acq: 22 Dec 2023 04:58

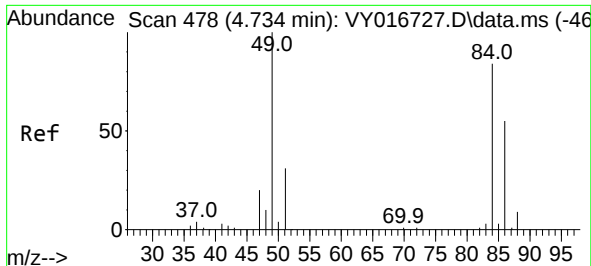
Tgt Ion: 76 Resp: 3103

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

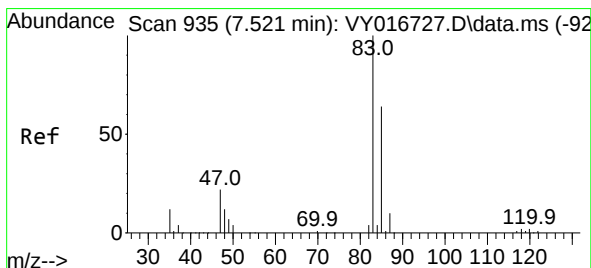
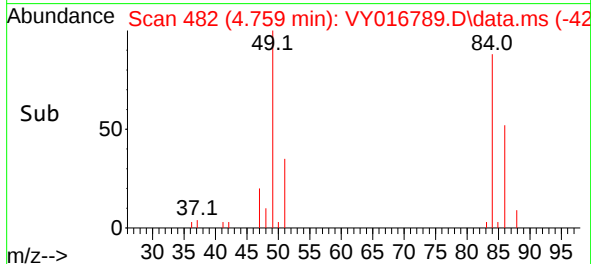
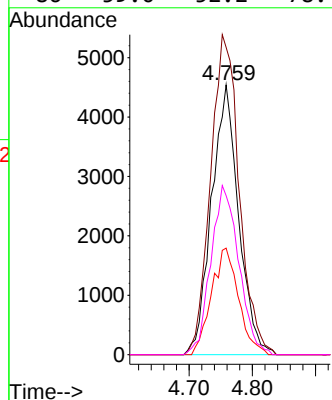
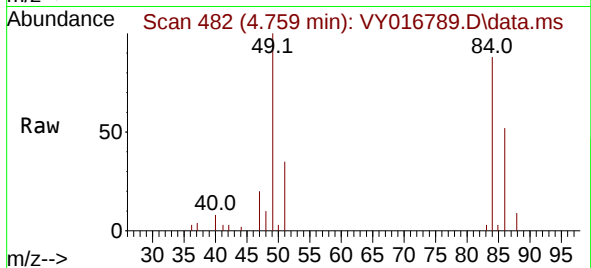




#20
Methylene Chloride
Concen: 7.154 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

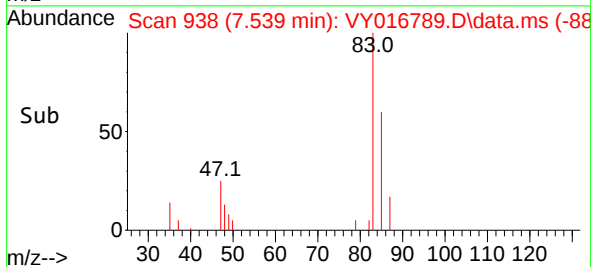
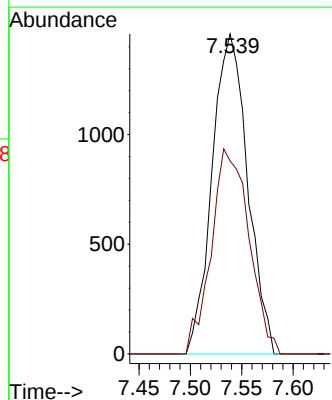
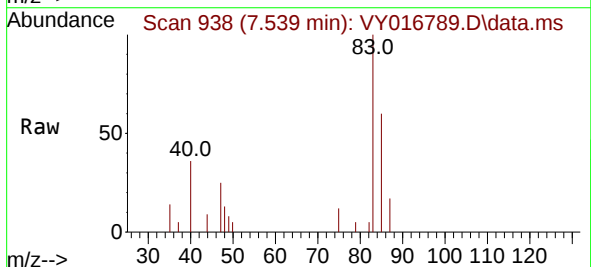
Instrument :
MSVOA_Y
ClientSampleId :
COLY2

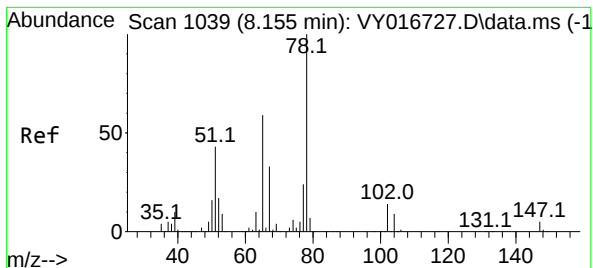
Tgt Ion: 84	Resp: 13479
Ion Ratio	Lower Upper
84 100	
49 114.0	95.2 142.8
51 39.5	29.9 44.9
86 59.0	52.2 78.4



#30
Chloroform
Concen: 1.607 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

Tgt Ion: 83	Resp: 3500		
Ion Ratio	Lower	Upper	
83 100			
85 60.3	51.2	76.8	





#33

1,2-Dichloroethane-d4

Concen: 55.412 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY016789.D

Acq: 22 Dec 2023 04:58

Instrument :

MSVOA_Y

ClientSampleId :

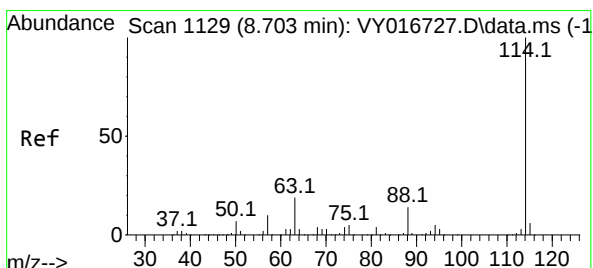
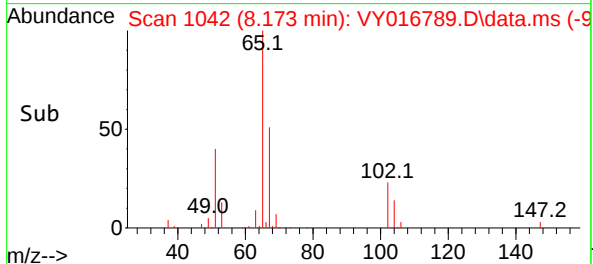
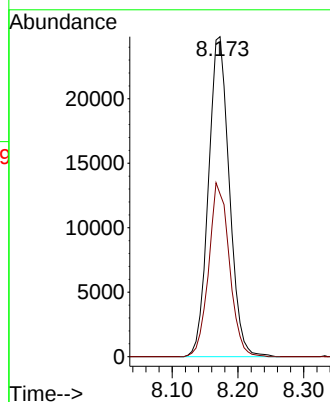
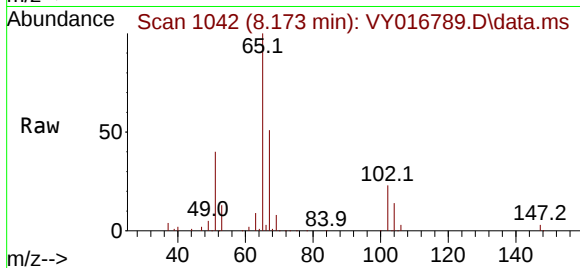
C0LY2

Tgt Ion: 65 Resp: 54777

Ion Ratio Lower Upper

65 100

67 53.8 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: VY016789.D

Acq: 22 Dec 2023 04:58

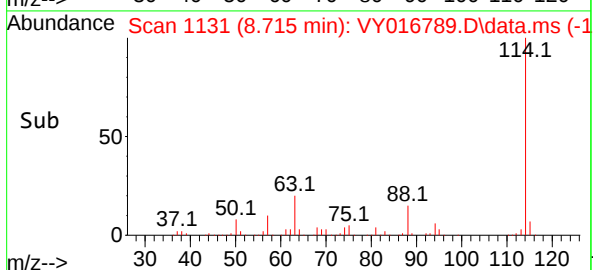
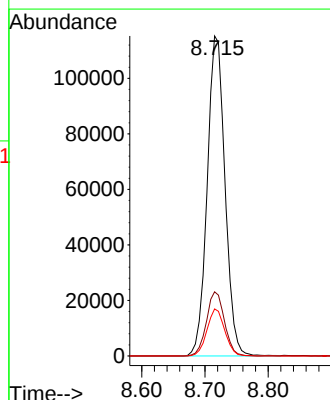
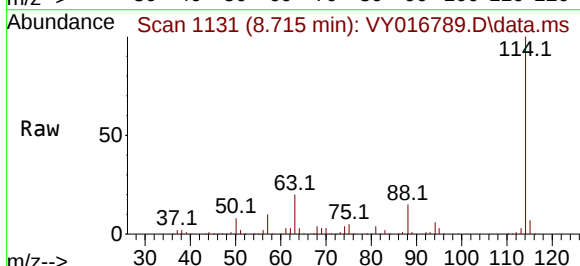
Tgt Ion: 114 Resp: 225832

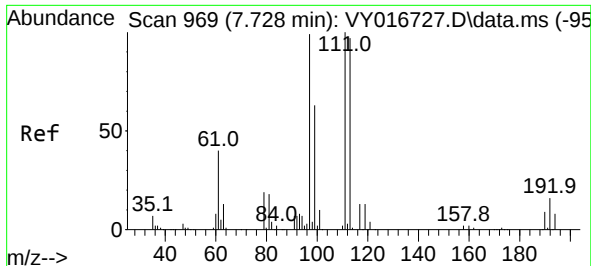
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.7 0.0 29.0

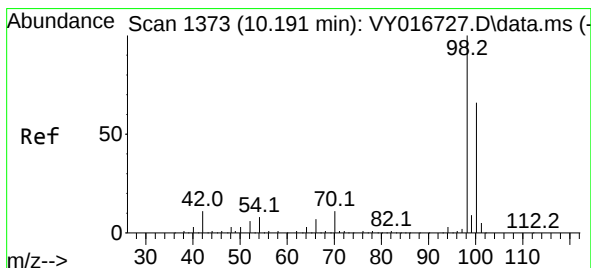
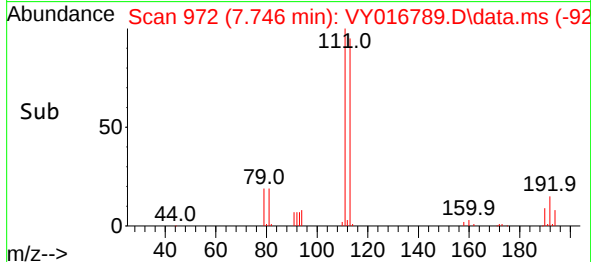
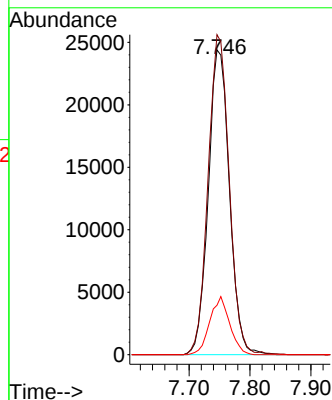
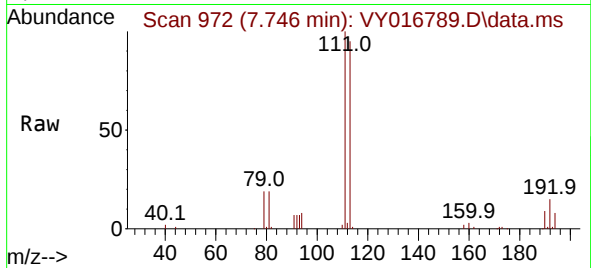




#35
Dibromofluoromethane
Concen: 45.544 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

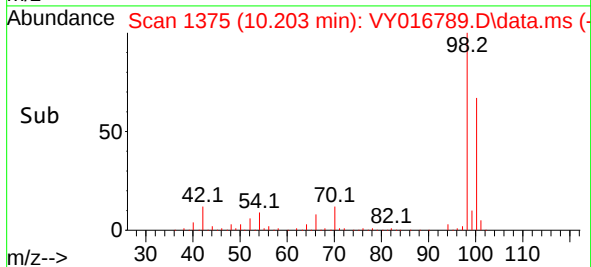
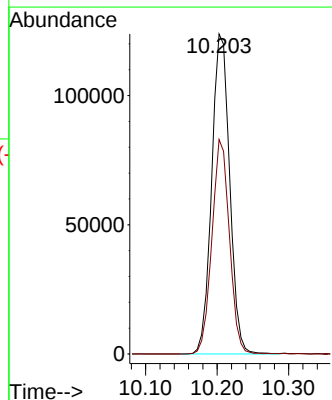
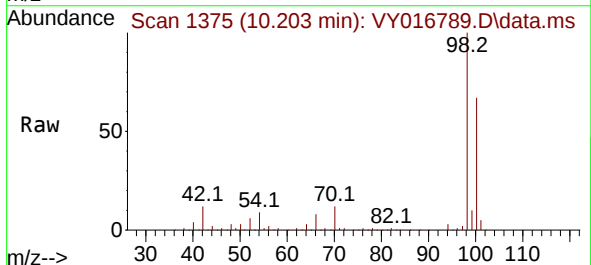
Instrument :
MSVOA_Y
ClientSampleId :
COLY2

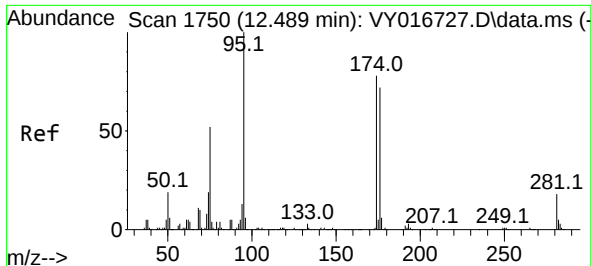
Tgt Ion:113 Resp: 58917
Ion Ratio Lower Upper
113 100
111 104.9 83.8 125.6
192 17.9 14.5 21.7



#50
Toluene-d8
Concen: 46.362 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

Tgt Ion: 98 Resp: 216204
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

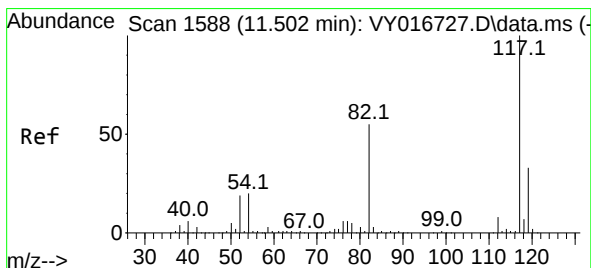
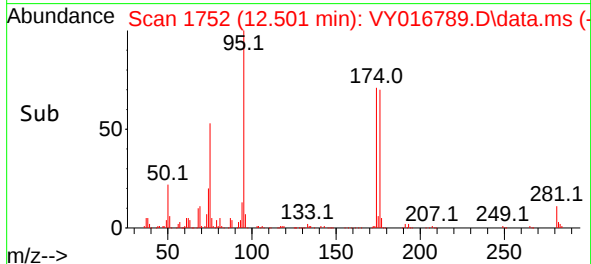
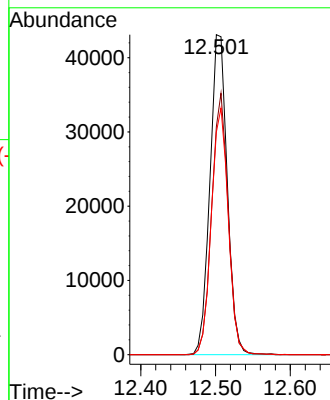
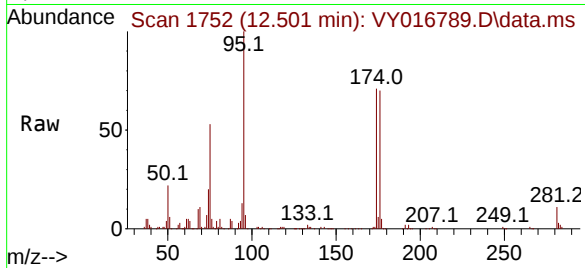




#62
4-Bromofluorobenzene
Concen: 45.810 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

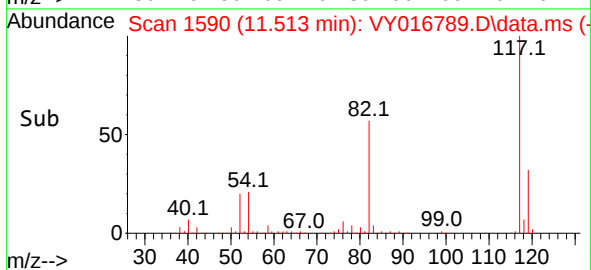
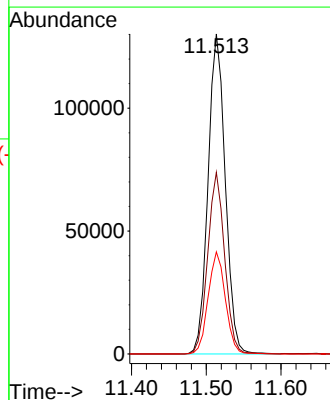
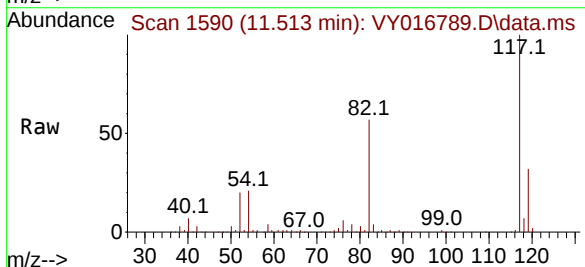
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COLY2

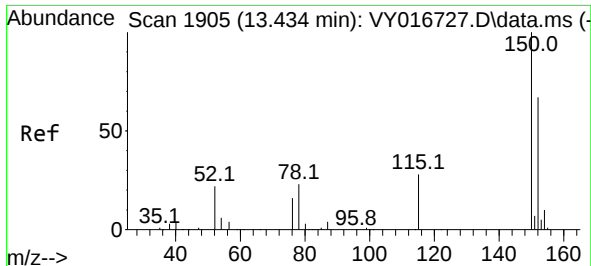
Tgt Ion: 95 Resp: 69308
Ion Ratio Lower Upper
95 100
174 78.1 0.0 160.0
176 75.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.513 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

Tgt Ion: 117 Resp: 208337
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 31.9 26.5 39.7

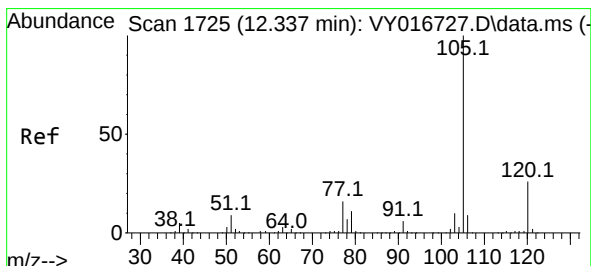
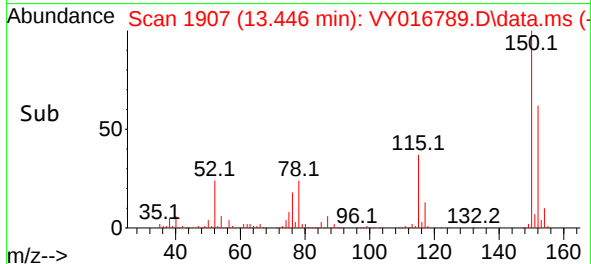
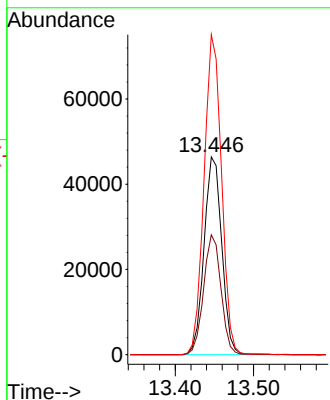
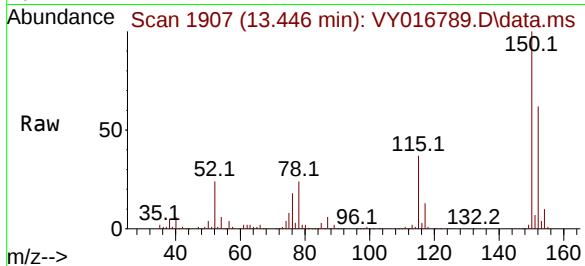




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

Instrument :
MSVOA_Y
ClientSampleId :
COLY2

Tgt Ion:152 Resp: 72898
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 159.2 0.0 344.6



#73
Isopropylbenzene
Concen: 6.361 ug/l
RT: 12.355 min Scan# 1728
Delta R.T. 0.018 min
Lab File: VY016789.D
Acq: 22 Dec 2023 04:58

Tgt Ion:105 Resp: 36113
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0

