

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008313.D
 Acq On : 13 Apr 2022 15:27
 Operator : KP/MD
 Sample : N2349-15
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEL-8

Quant Time: Apr 14 05:57:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

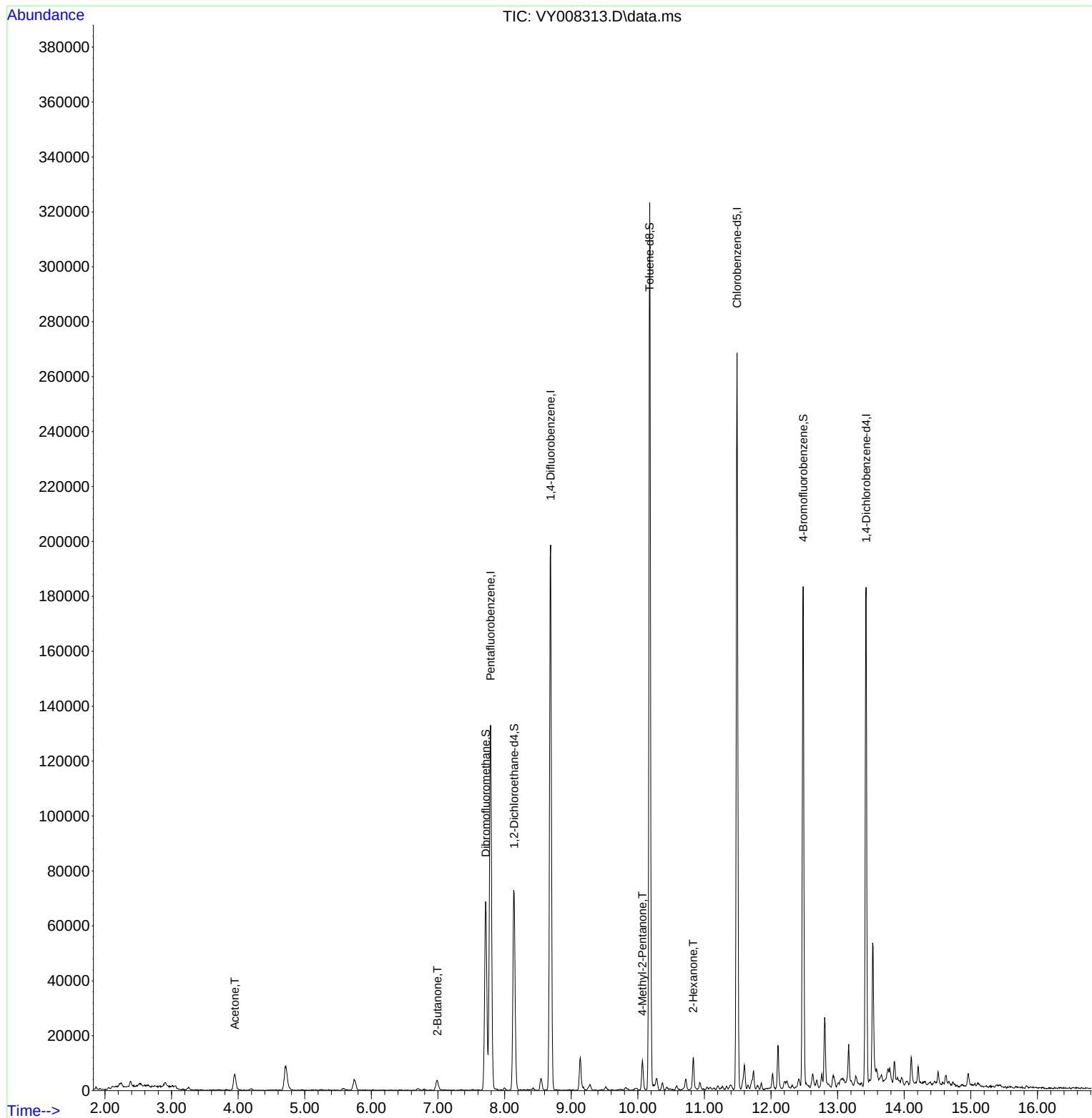
Internal Standards						
1) Pentafluorobenzene	7.789	168	105164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55118	55.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.716	113	48407	46.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.360%
50) Toluene-d8	10.179	98	210292	59.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.520%
62) 4-Bromofluorobenzene	12.483	95	56165	42.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.160%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10114	42.568	ug/l	99
25) 2-Butanone	6.990	43	6407	17.245	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	6913	8.448	ug/l #	85
59) 2-Hexanone	10.831	43	7152	12.702	ug/l	86

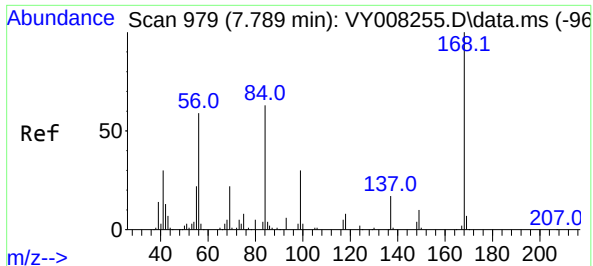
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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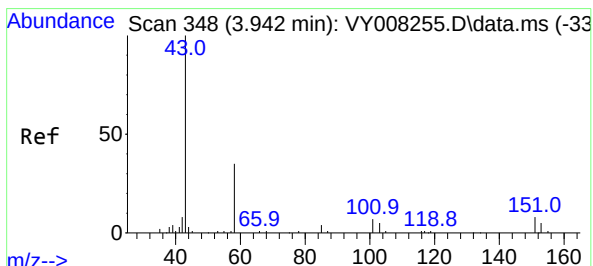
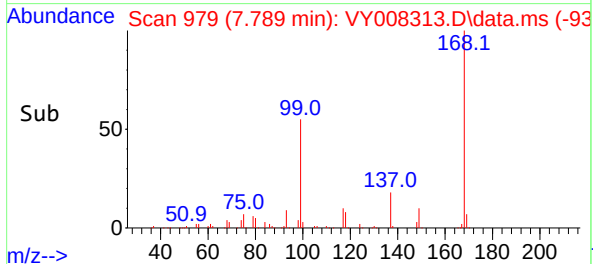
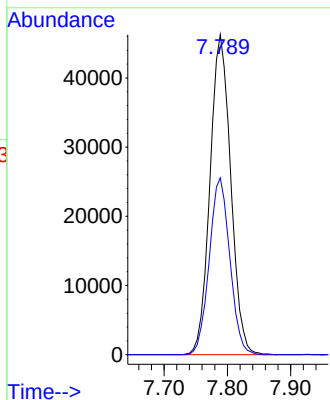
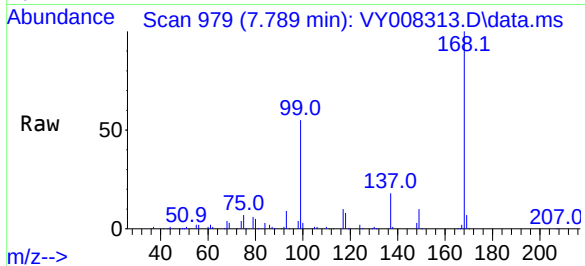




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008313.D
Acq: 13 Apr 2022 15:27

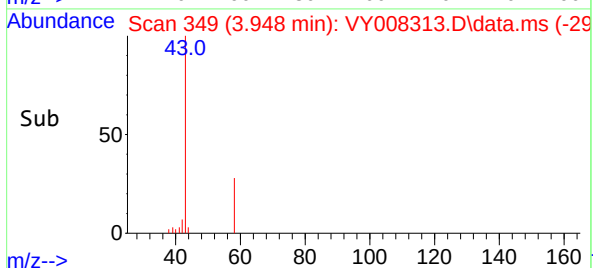
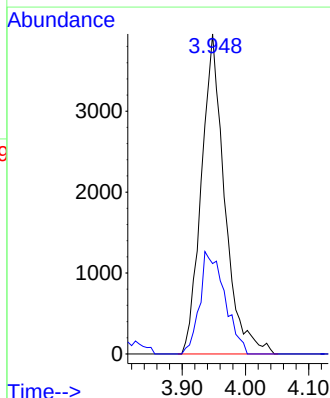
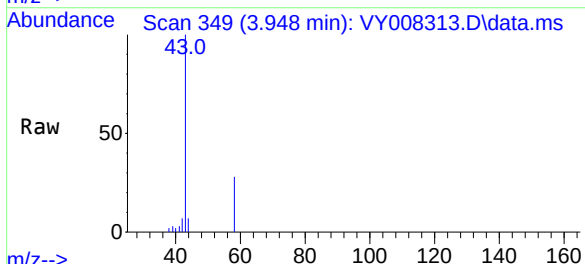
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8

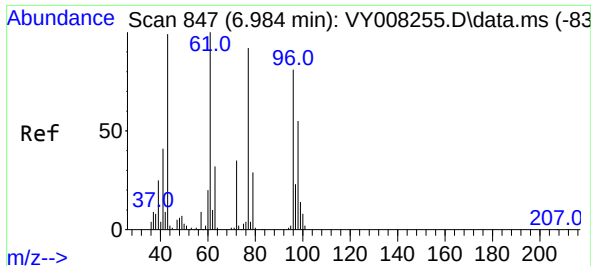
Tgt Ion:168 Resp: 105164
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#16
Acetone
Concen: 42.568 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008313.D
Acq: 13 Apr 2022 15:27

Tgt Ion: 43 Resp: 10114
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0

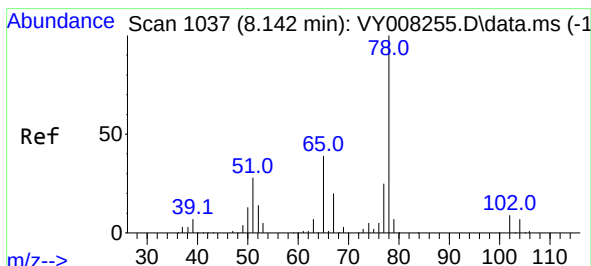
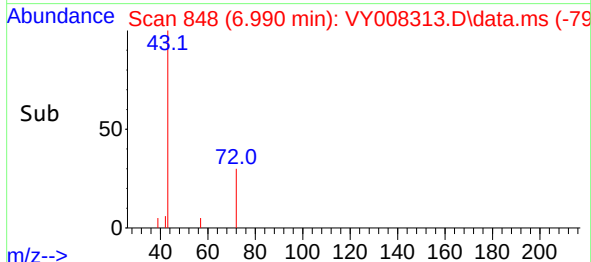
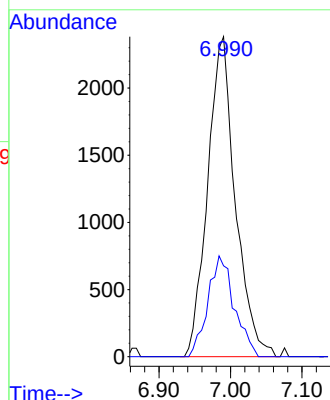
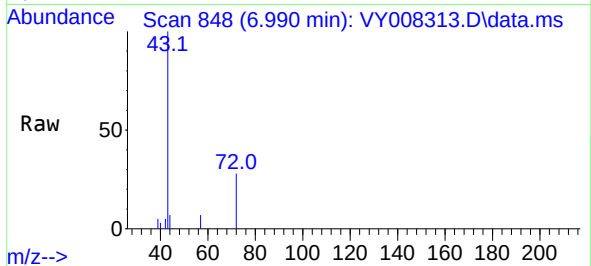




#25
2-Butanone
Concen: 17.245 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008313.D
Acq: 13 Apr 2022 15:27

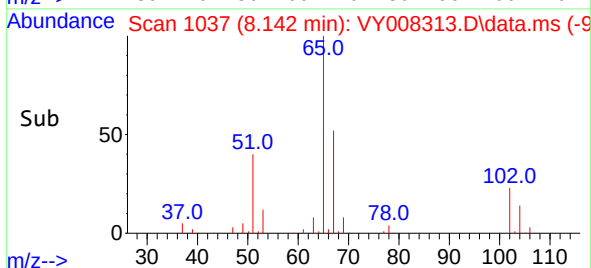
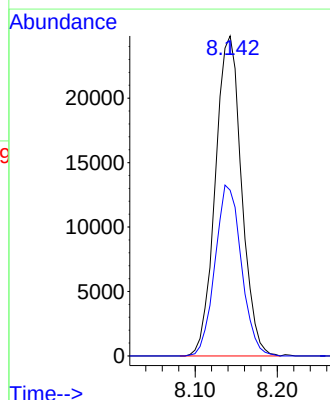
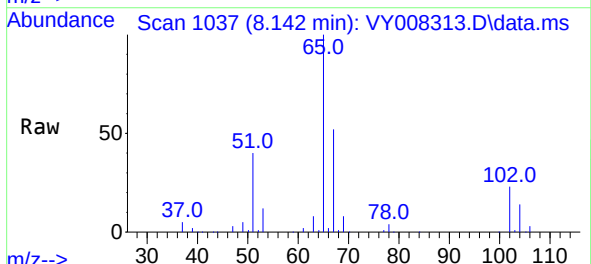
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8

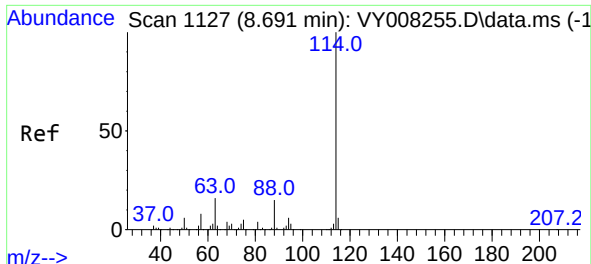
Tgt Ion: 43 Resp: 6407
Ion Ratio Lower Upper
43 100
72 28.4 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 55.797 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008313.D
Acq: 13 Apr 2022 15:27

Tgt Ion: 65 Resp: 55118
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008313.D

Acq: 13 Apr 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

DEL-8

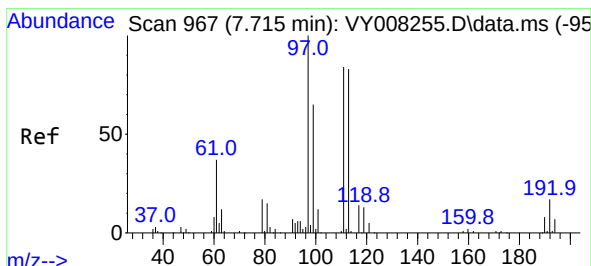
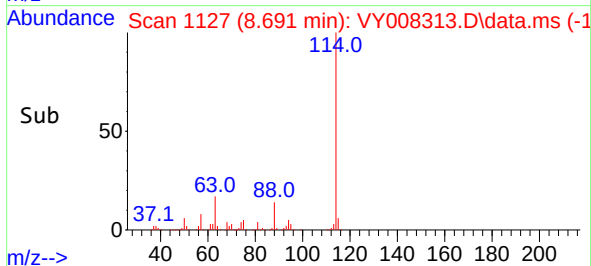
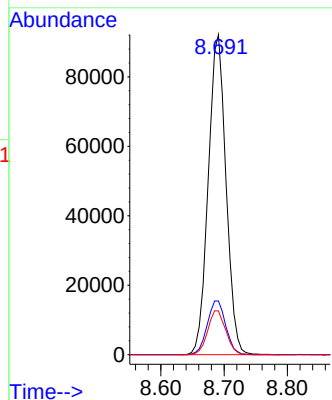
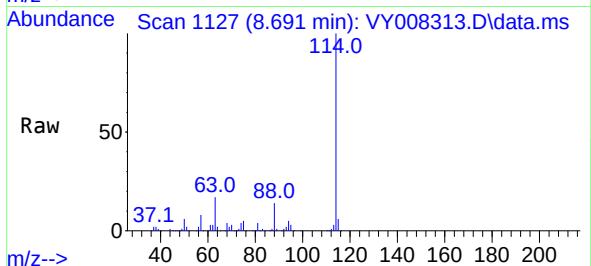
Tgt Ion:114 Resp: 179549

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.678 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008313.D

Acq: 13 Apr 2022 15:27

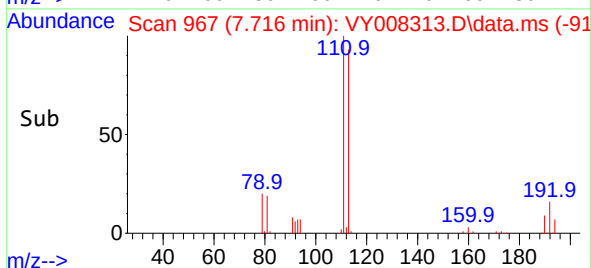
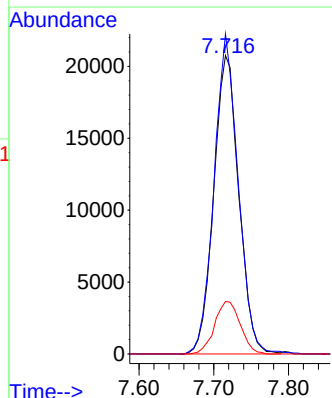
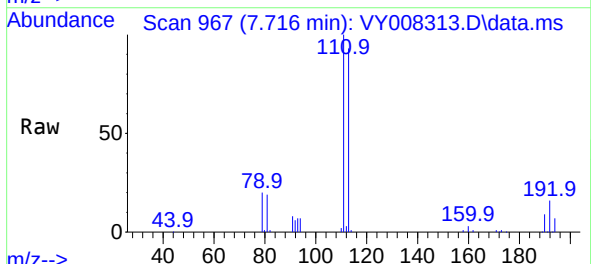
Tgt Ion:113 Resp: 48407

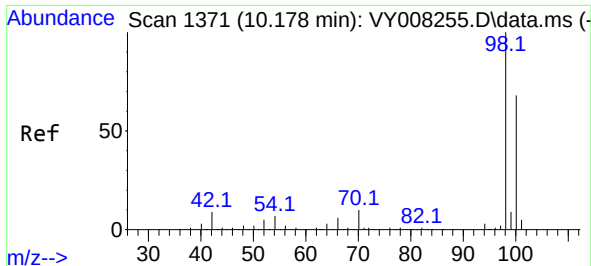
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 18.0 17.6 26.4

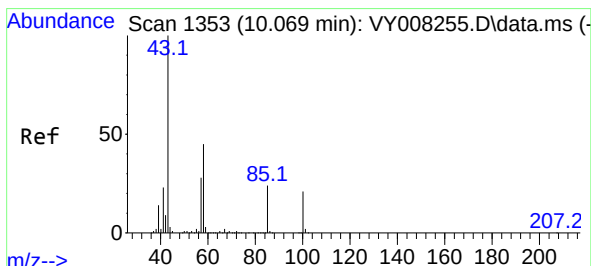
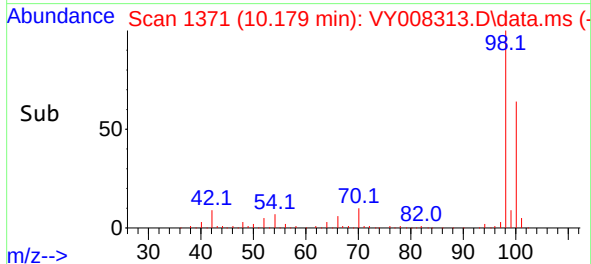
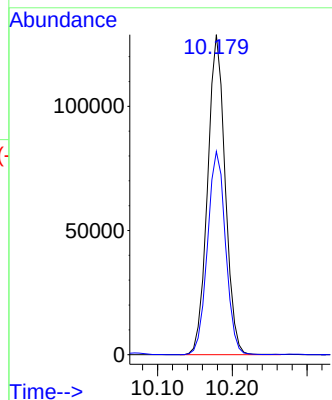
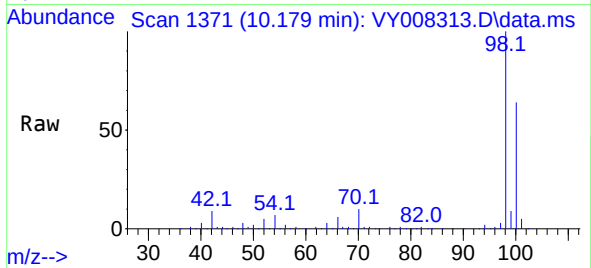




#50
Toluene-d8
Concen: 59.261 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008313.D
Acq: 13 Apr 2022 15:27

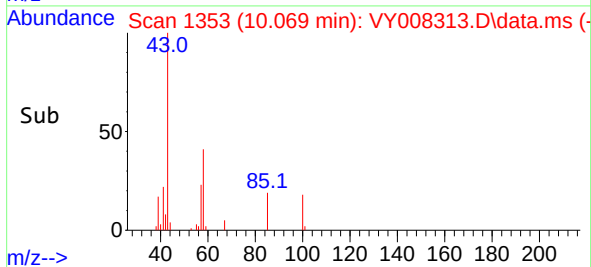
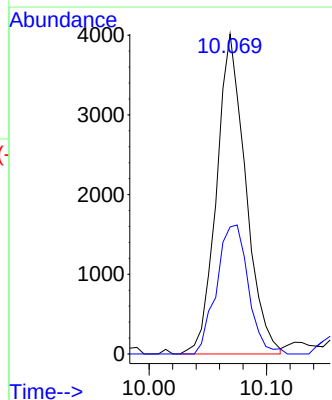
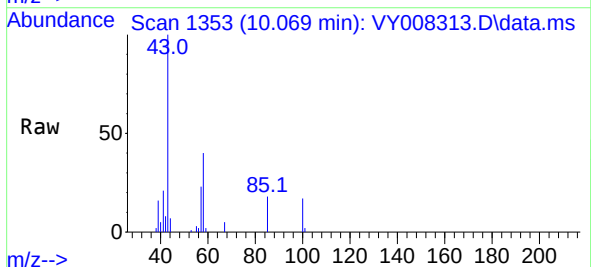
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8

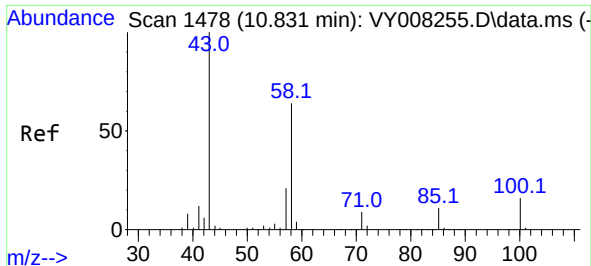
Tgt Ion: 98 Resp: 210292
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 8.448 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008313.D
Acq: 13 Apr 2022 15:27

Tgt Ion: 43 Resp: 6913
Ion Ratio Lower Upper
43 100
58 43.8 28.1 42.1#





#59

2-Hexanone

Concen: 12.702 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY008313.D

Acq: 13 Apr 2022 15:27

Instrument :

MSVOA_Y

ClientSampleId :

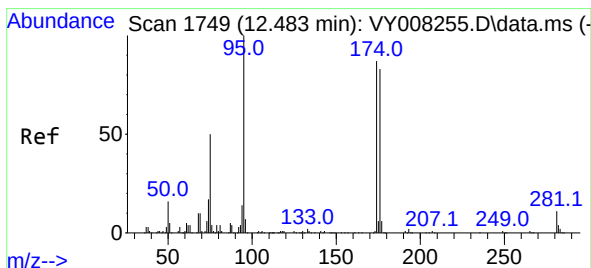
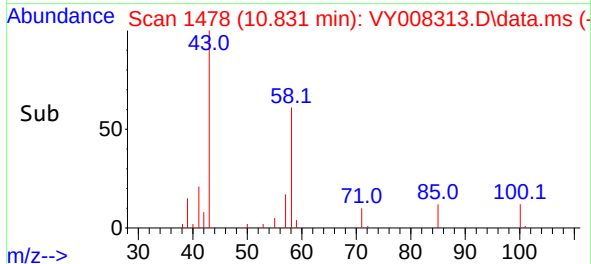
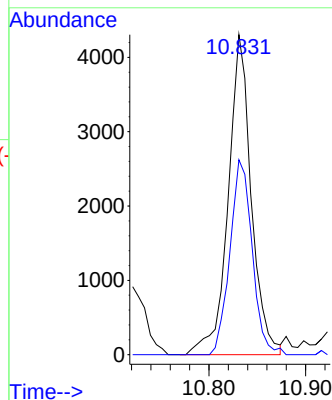
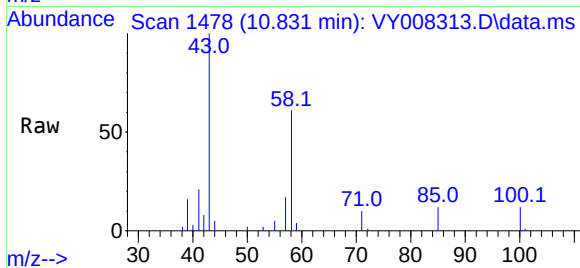
DEL-8

Tgt Ion: 43 Resp: 7152

Ion Ratio Lower Upper

43 100

58 58.7 24.4 73.4



#62

4-Bromofluorobenzene

Concen: 42.081 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008313.D

Acq: 13 Apr 2022 15:27

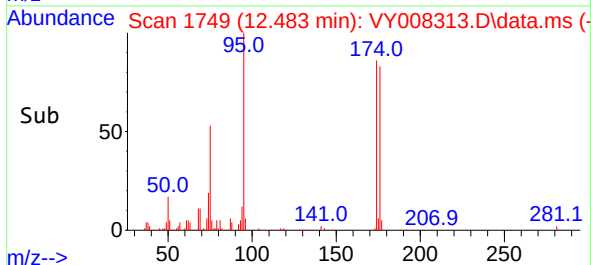
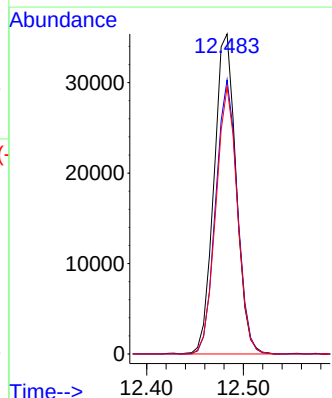
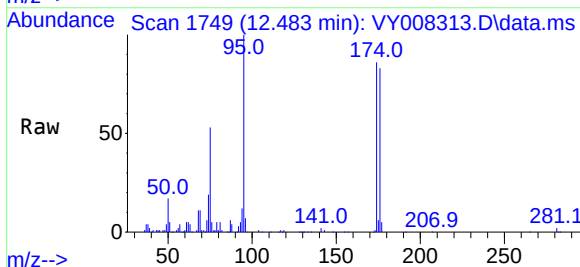
Tgt Ion: 95 Resp: 56165

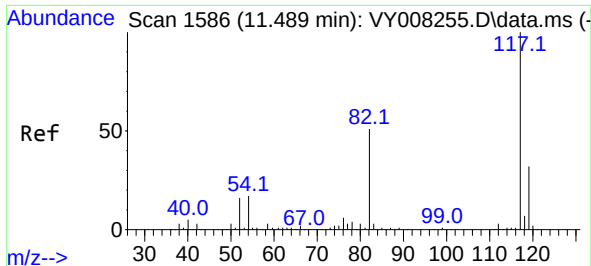
Ion Ratio Lower Upper

95 100

174 83.9 0.0 177.0

176 81.1 0.0 175.8

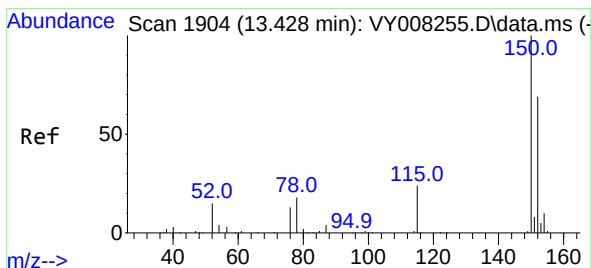
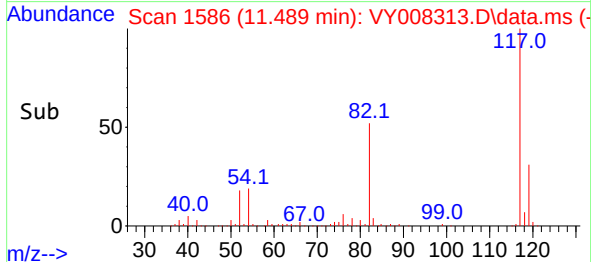
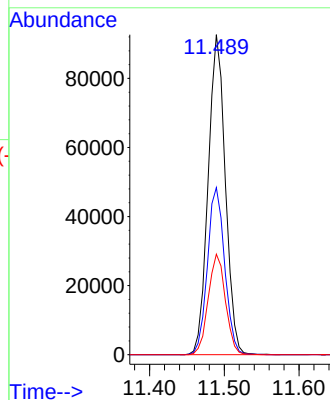
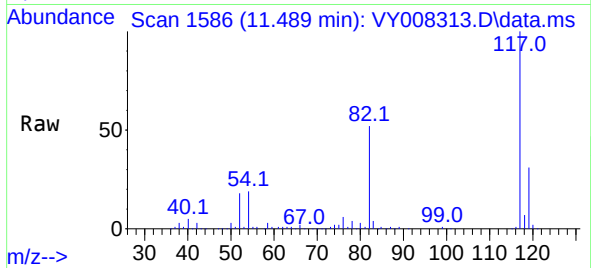




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008313.D
Acq: 13 Apr 2022 15:27

Instrument :
MSVOA_Y
ClientSampleId :
DEL-8

Tgt Ion:117 Resp: 147919
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008313.D
Acq: 13 Apr 2022 15:27

Tgt Ion:152 Resp: 46876
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 157.9 0.0 347.6

