

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008328.D
 Acq On : 14 Apr 2022 15:26
 Operator : KP/MD
 Sample : N2349-15RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEL-8RE

Quant Time: Apr 15 06:14:54 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)

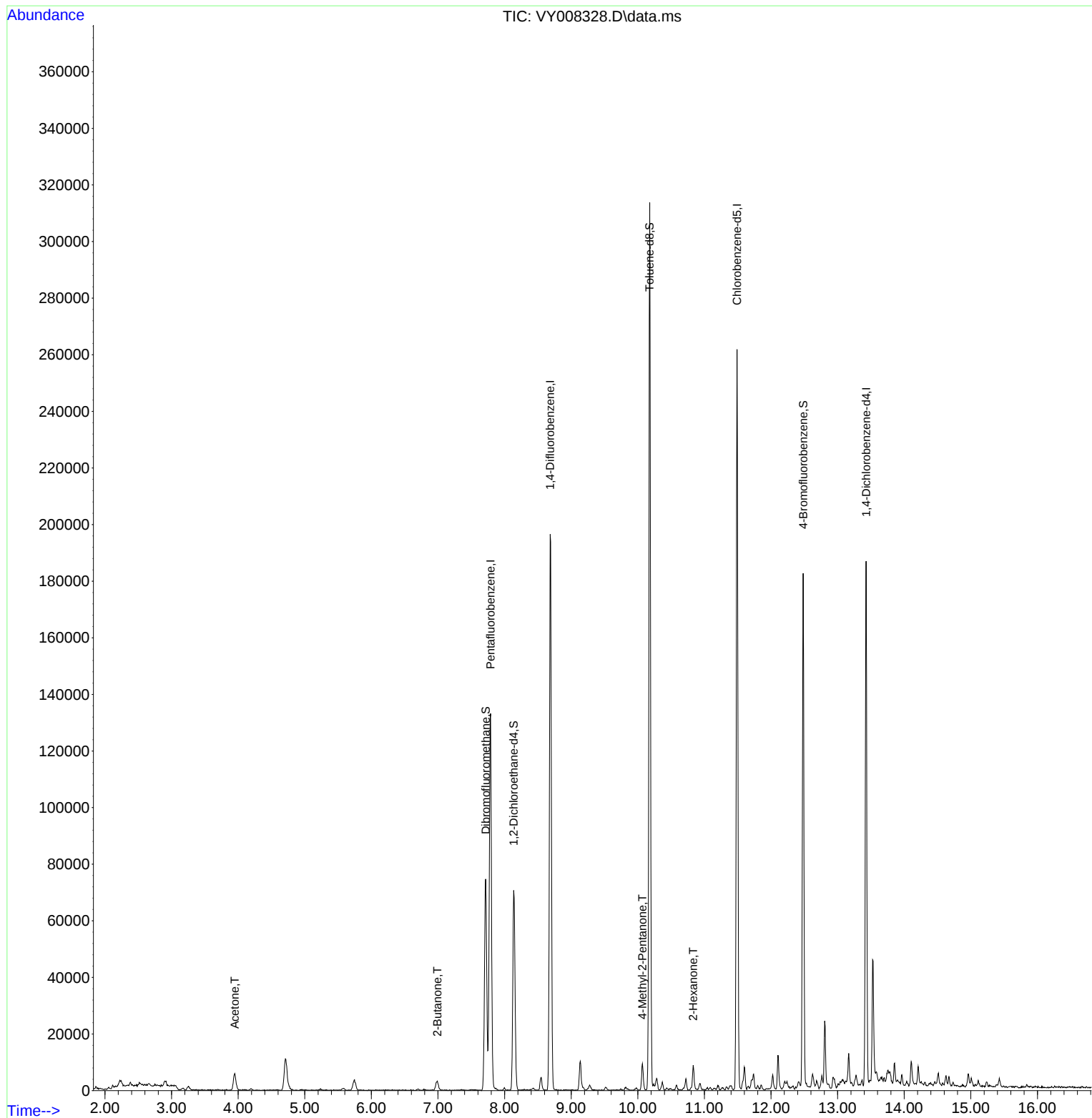
Internal Standards						
1) Pentafluorobenzene	7.789	168	104382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	177739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53112	54.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.716	113	52909	51.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.080%	
50) Toluene-d8	10.179	98	205503	58.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.000%	
62) 4-Bromofluorobenzene	12.483	95	54610	41.332	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.660%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10500	44.524	ug/l #	84
25) 2-Butanone	6.990	43	5950	16.135	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	6241	7.704	ug/l	90
59) 2-Hexanone	10.831	43	5799	10.404	ug/l	86

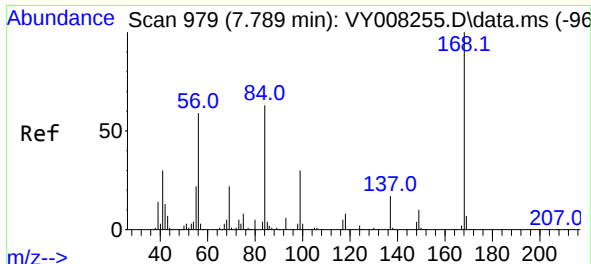
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
Data File : VY008328.D
Acq On : 14 Apr 2022 15:26
Operator : KP/MD
Sample : N2349-15RE
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

Quant Time: Apr 15 06:14:54 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

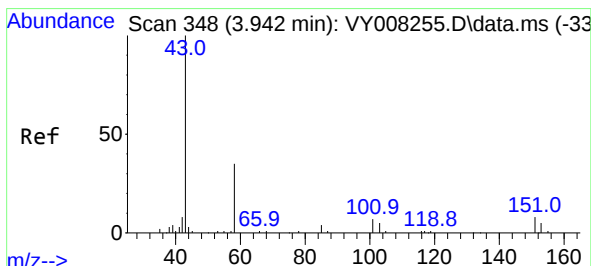
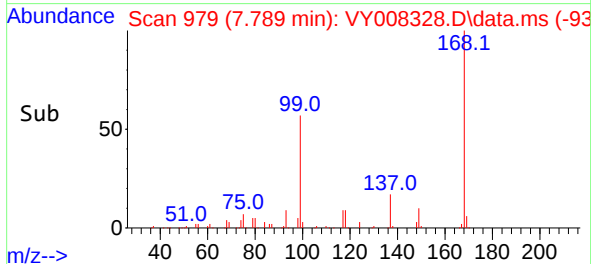
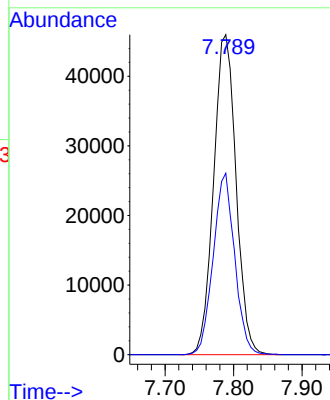
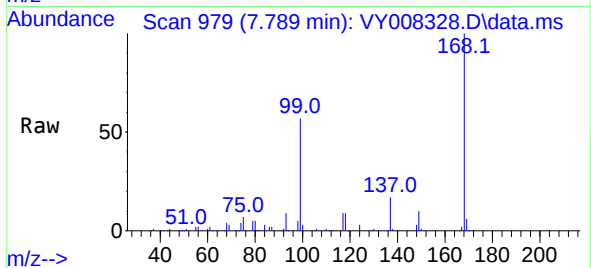




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

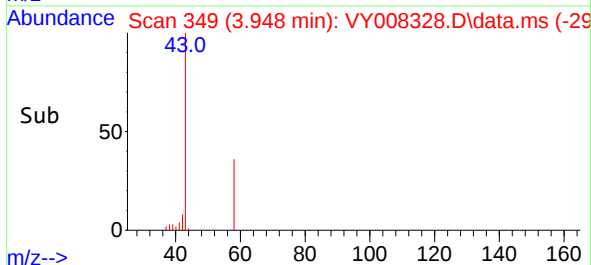
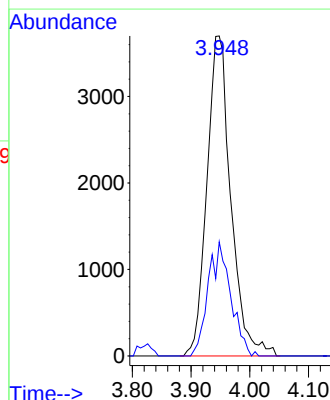
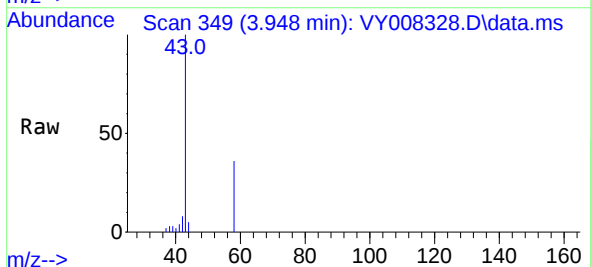
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

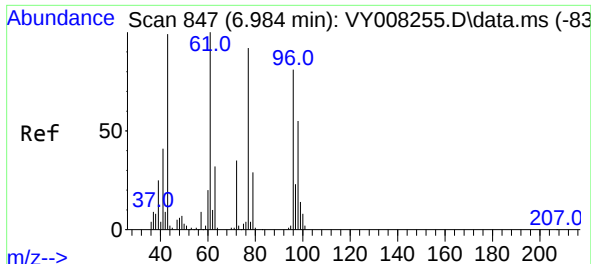
Tgt Ion:168 Resp: 104382
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#16
Acetone
Concen: 44.524 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 43 Resp: 10500
Ion Ratio Lower Upper
43 100
58 35.7 22.0 33.0#

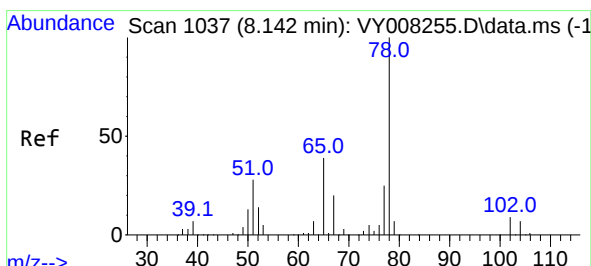
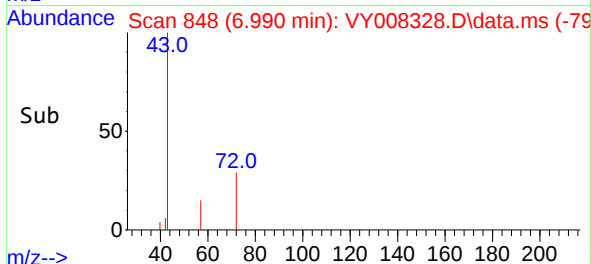
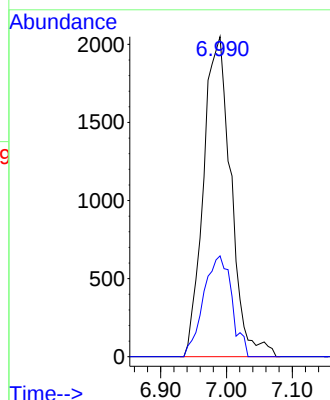
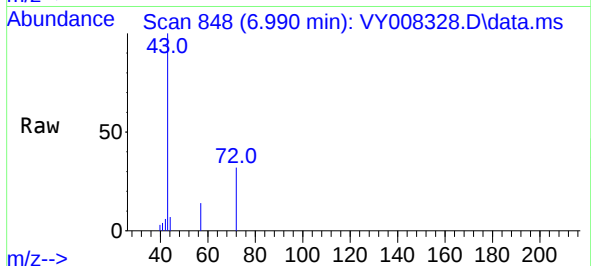




#25
2-Butanone
Concen: 16.135 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

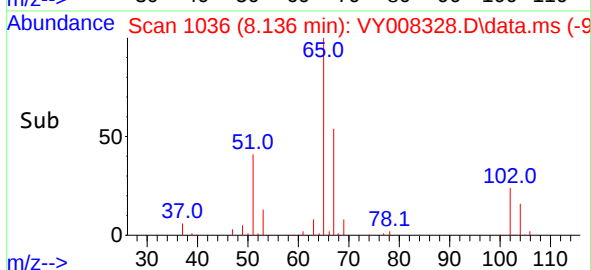
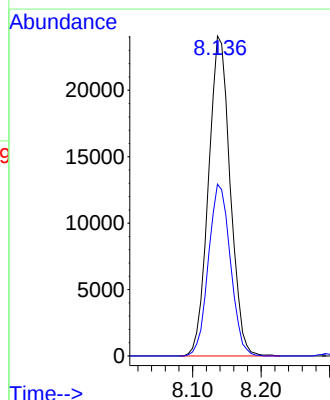
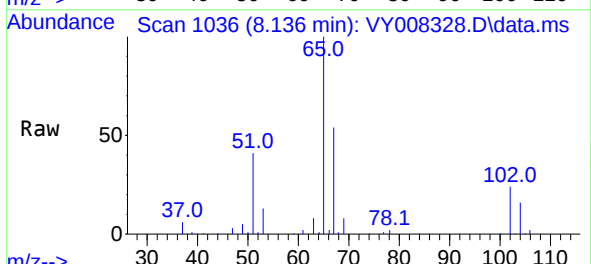
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

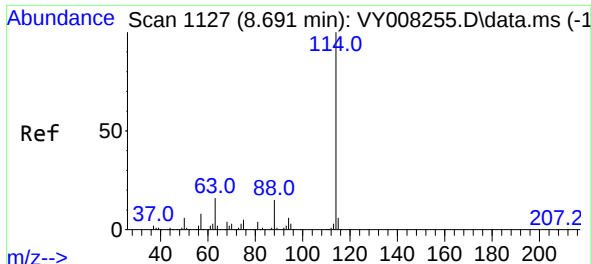
Tgt Ion: 43 Resp: 5950
Ion Ratio Lower Upper
43 100
72 31.5 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 54.169 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 65 Resp: 53112
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008328.D

Acq: 14 Apr 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

DEL-8RE

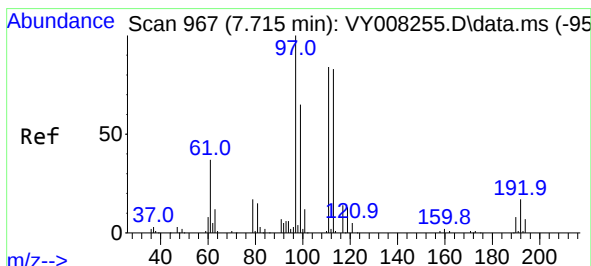
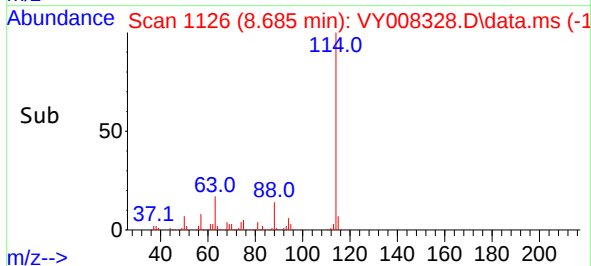
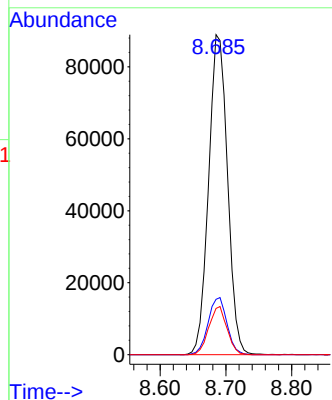
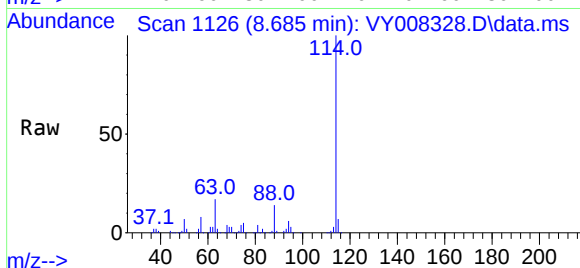
Tgt Ion:114 Resp: 177739

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.539 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008328.D

Acq: 14 Apr 2022 15:26

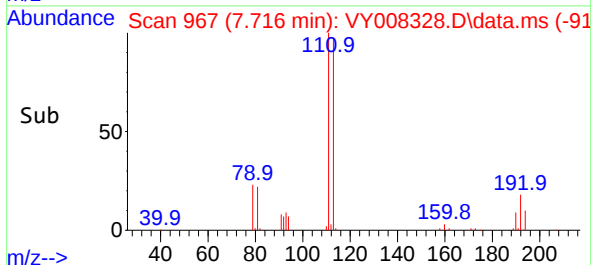
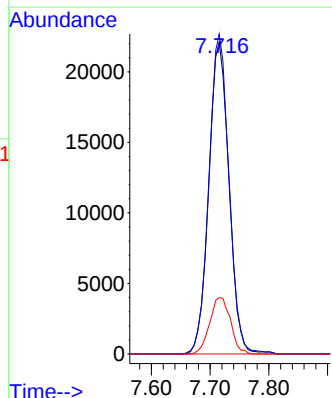
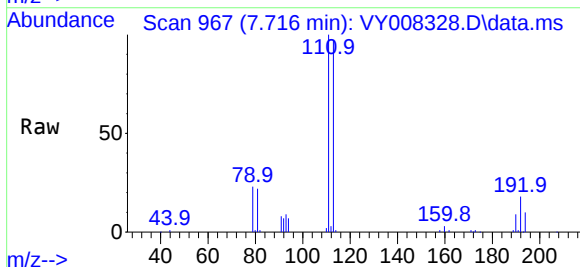
Tgt Ion:113 Resp: 52909

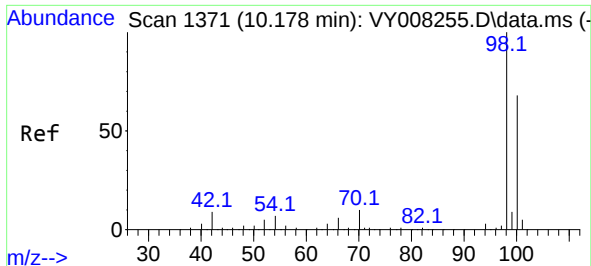
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.5 17.6 26.4

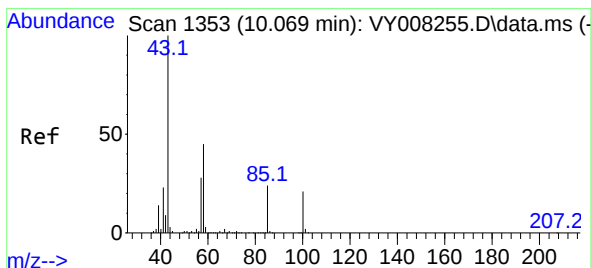
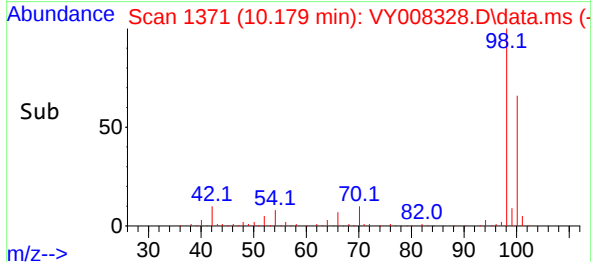
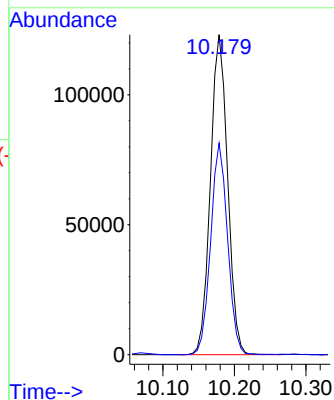
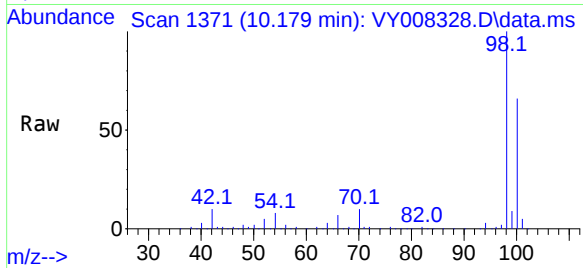




#50
Toluene-d8
Concen: 58.501 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

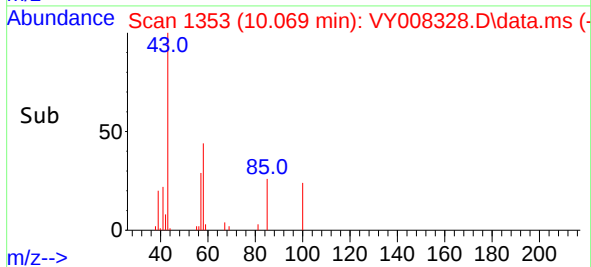
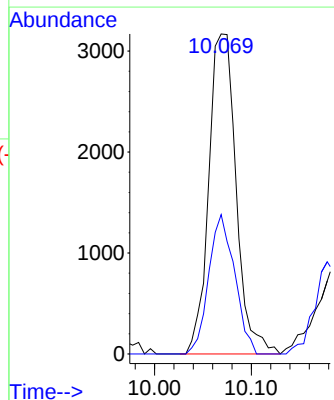
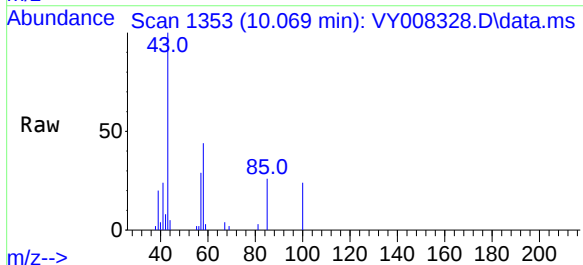
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

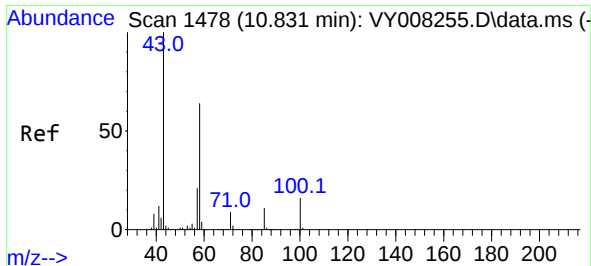
Tgt Ion: 98 Resp: 205503
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 7.704 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 43 Resp: 6241
Ion Ratio Lower Upper
43 100
58 41.1 28.1 42.1

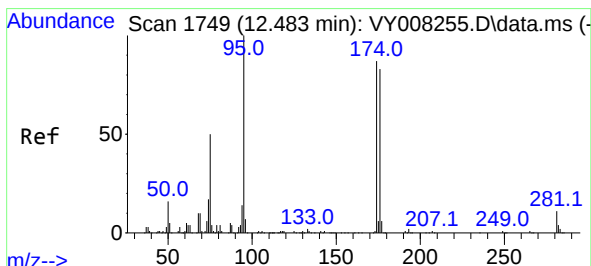
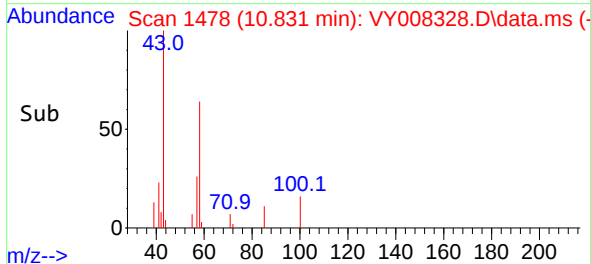
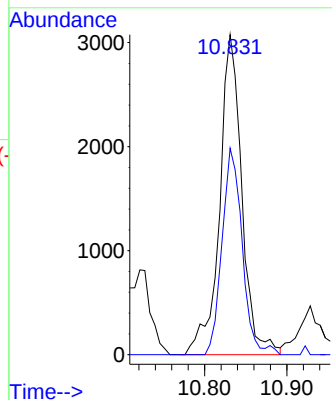
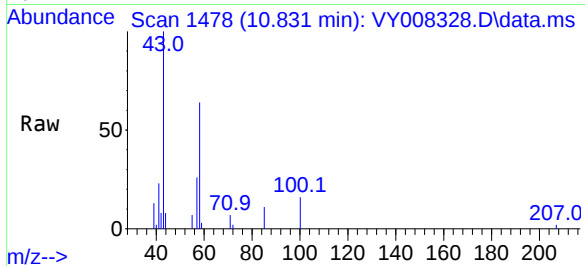




#59
2-Hexanone
Concen: 10.404 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

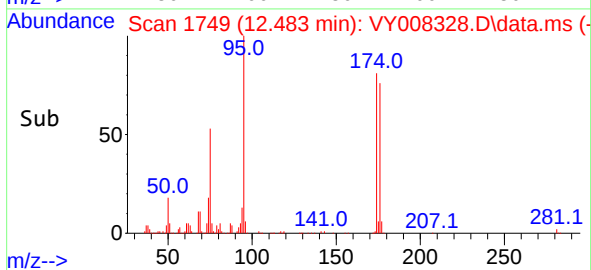
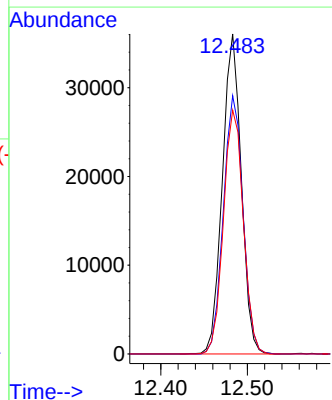
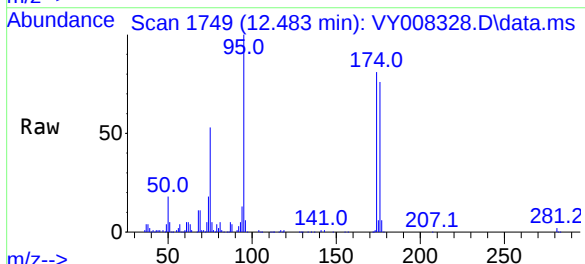
Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

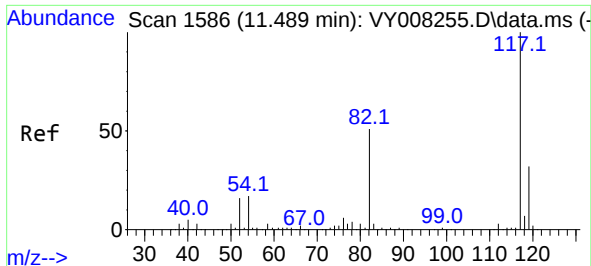
Tgt Ion: 43 Resp: 5799
Ion Ratio Lower Upper
43 100
58 58.3 24.4 73.4



#62
4-Bromofluorobenzene
Concen: 41.332 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion: 95 Resp: 54610
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.1 0.0 175.8

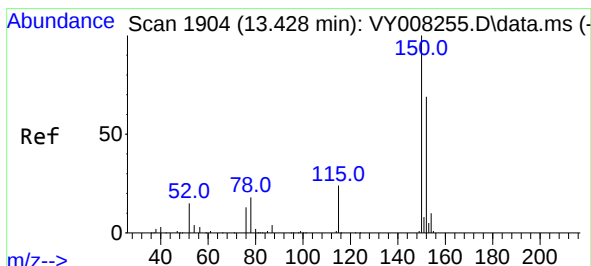
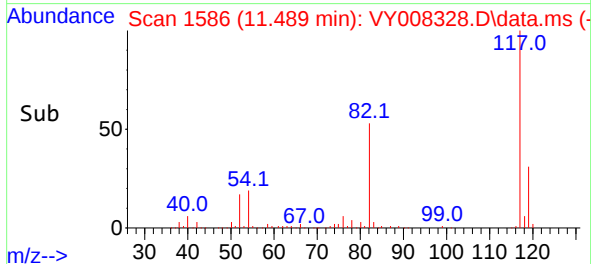
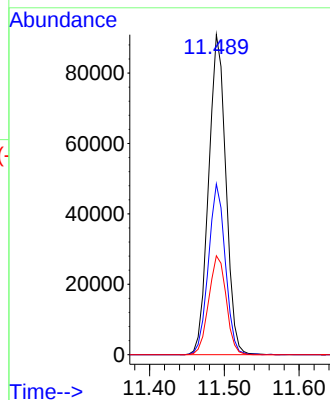
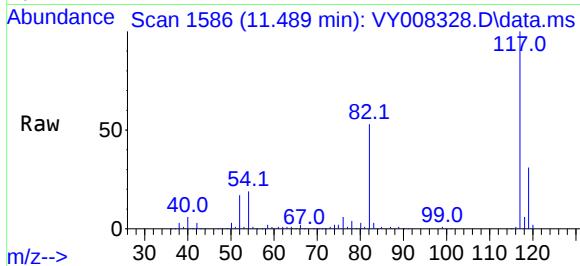




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008328.D
Acq: 14 Apr 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
DEL-8RE

Tgt Ion:117 Resp: 145459
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 30.9 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: VY008328.D
Acq: 14 Apr 2022 15:26

Tgt Ion:152 Resp: 45659
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 159.3 0.0 347.6

