

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007936.D
 Acq On : 19 Mar 2022 05:57
 Operator : SY/MD
 Sample : N1951-09
 Misc : 8.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-8-(15-20)-3-12-22

Quant Time: Mar 21 03:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

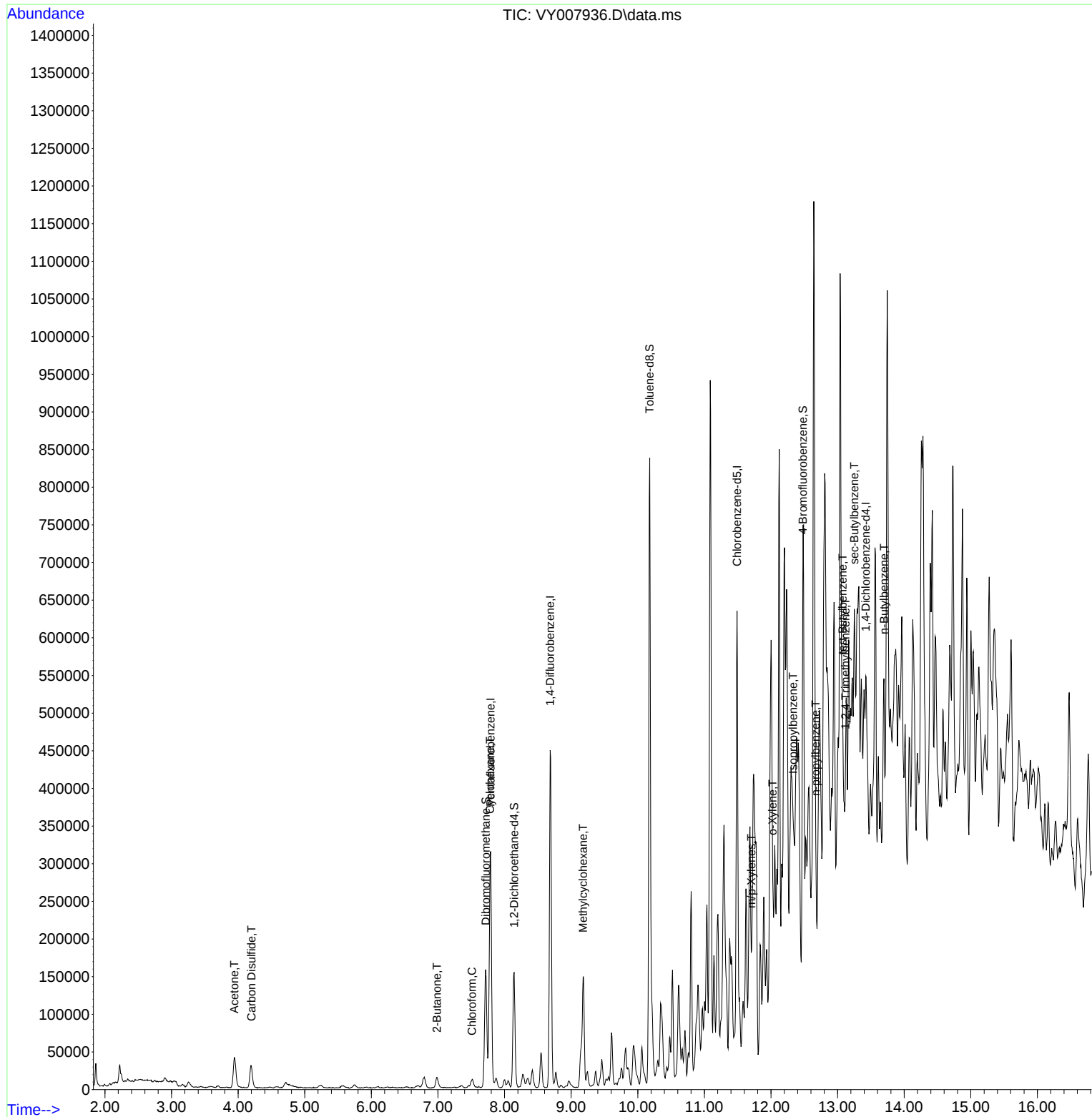
Internal Standards						
1) Pentafluorobenzene	7.789	168	209942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	117557	49.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.220%
35) Dibromofluoromethane	7.716	113	112377	42.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.300%
50) Toluene-d8	10.179	98	449688	57.390	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.780%
62) 4-Bromofluorobenzene	12.477	95	134142	35.471	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.940%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	70590	111.162	ug/l	91
17) Carbon Disulfide	4.198	76	58712	9.091	ug/l	97
25) 2-Butanone	6.984	43	22958	22.571	ug/l	93
30) Chloroform	7.509	83	8343	1.737	ug/l	89
31) Cyclohexane	7.783	56	26735	3.185	ug/l #	77
39) Methylcyclohexane	9.179	83	64253	12.434	ug/l	90
68) m/p-Xylenes	11.703	106	8890	1.809	ug/l	85
69) o-Xylene	12.026	106	5640	1.186	ug/l	52
73) Isopropylbenzene	12.331	105	23504	3.590	ug/l	97
78) n-propylbenzene	12.672	91	75487	9.549	ug/l	99
83) tert-Butylbenzene	13.075	119	9493	1.970	ug/l #	53
84) 1,2,4-Trimethylbenzene	13.117	105	8047	1.525	ug/l	96
85) sec-Butylbenzene	13.251	105	71484	9.900	ug/l #	76
89) n-Butylbenzene	13.697	91	70353	12.507	ug/l	98

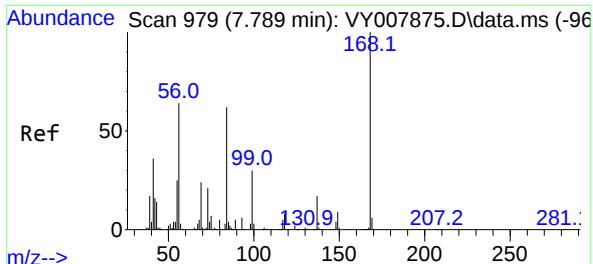
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY007936.D
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Misc : 8.51g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(15-20)-3-12-22

Quant Time: Mar 21 03:21:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

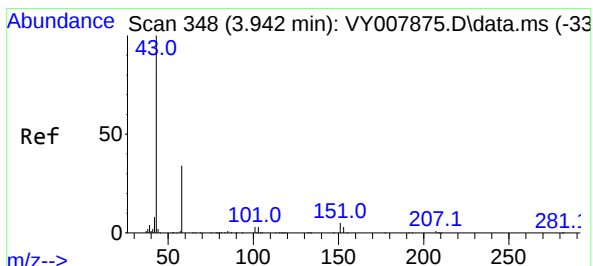
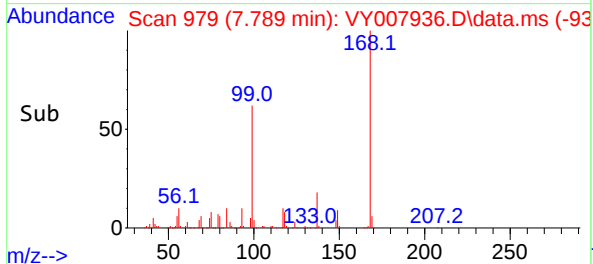
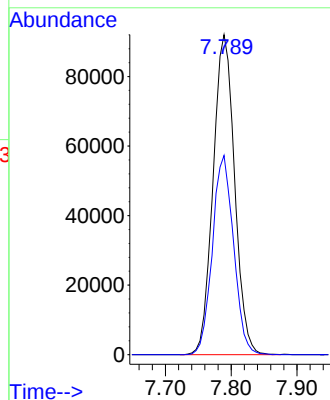
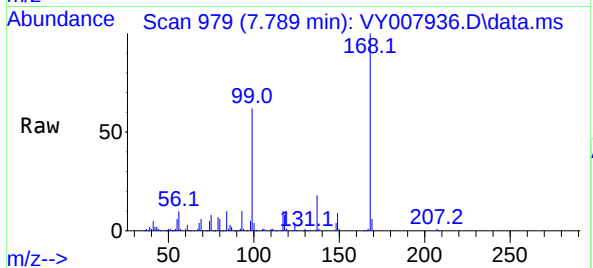




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

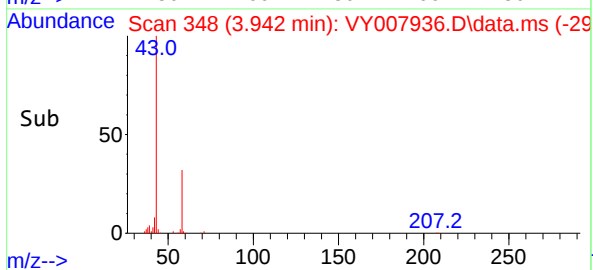
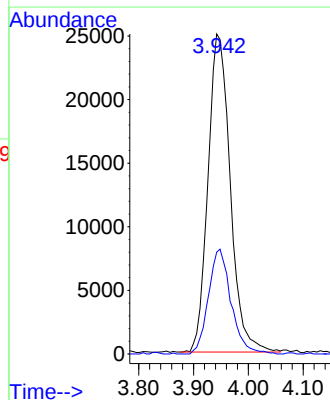
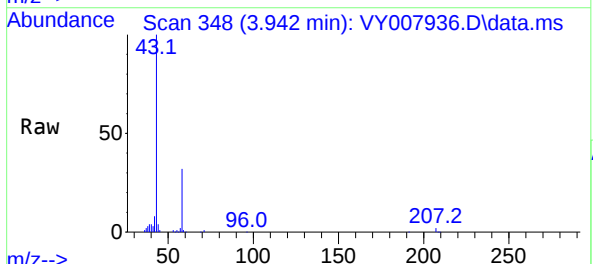
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(15-20)-3-12-22

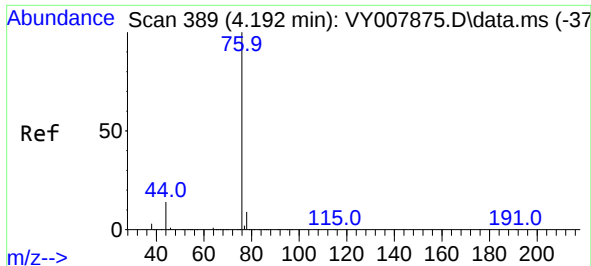
Tgt Ion:168 Resp: 209942
Ion Ratio Lower Upper
168 100
99 62.2 46.9 70.3



#16
Acetone
Concen: 111.162 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion: 43 Resp: 70590
Ion Ratio Lower Upper
43 100
58 32.0 22.0 33.0

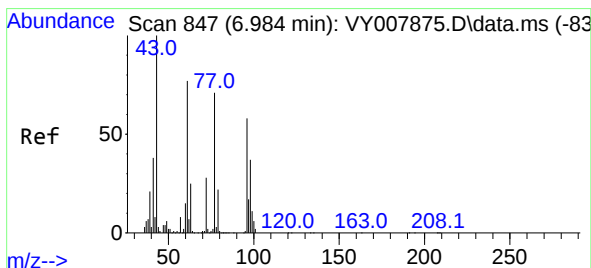
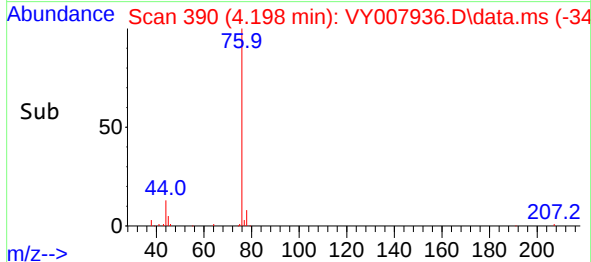
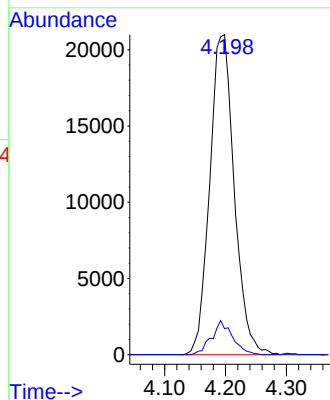
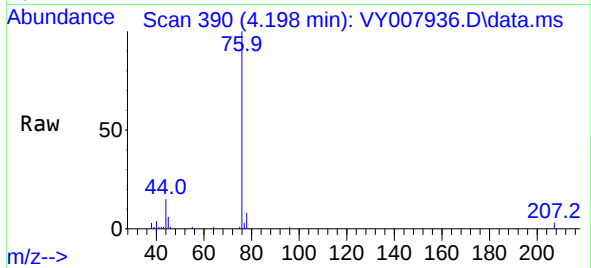




#17
Carbon Disulfide
Concen: 9.091 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

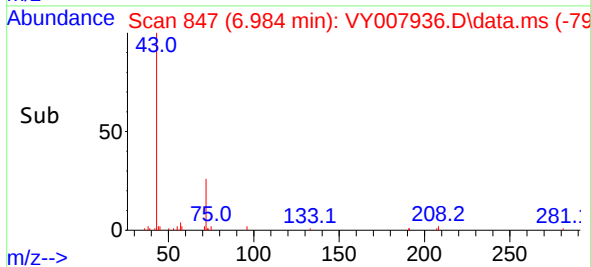
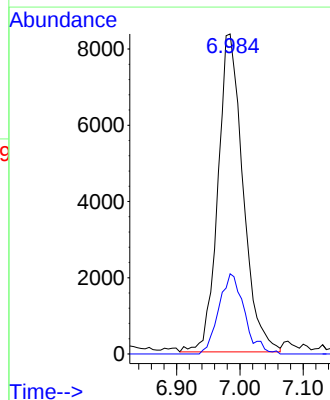
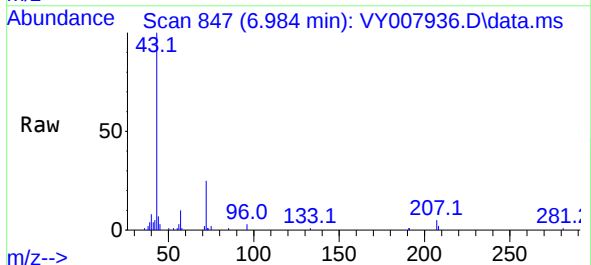
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(15-20)-3-12-22

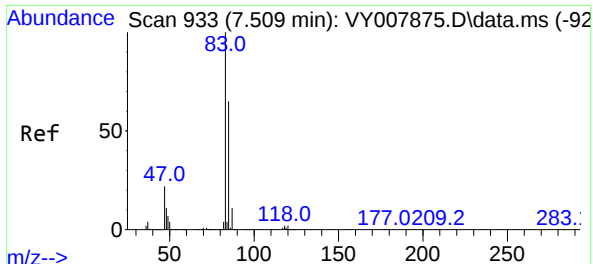
Tgt Ion: 76 Resp: 58712
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#25
2-Butanone
Concen: 22.571 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion: 43 Resp: 22958
Ion Ratio Lower Upper
43 100
72 25.2 17.7 26.5

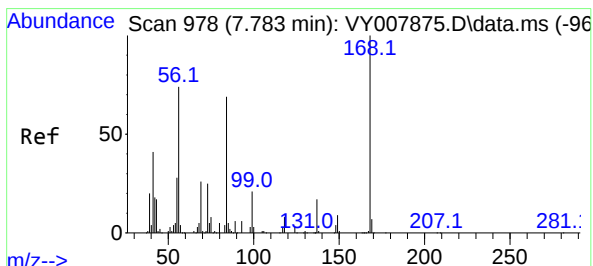
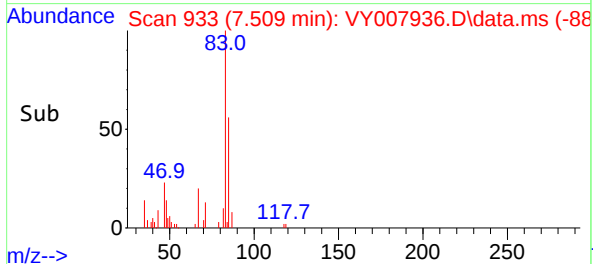
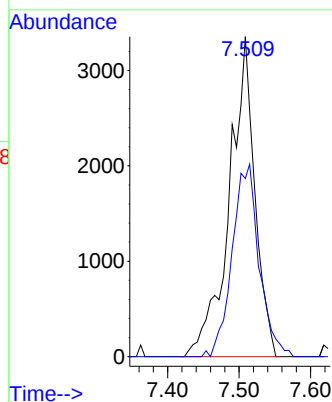
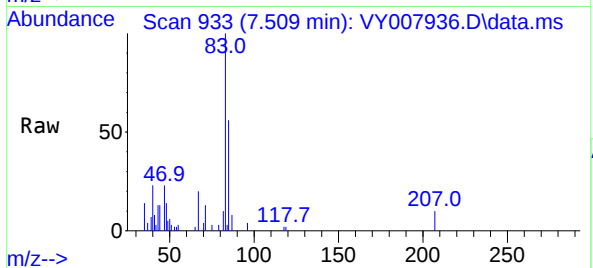




#30
Chloroform
Concen: 1.737 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

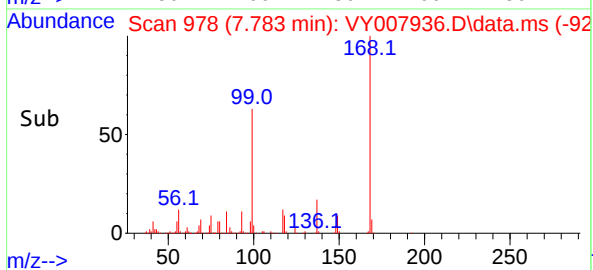
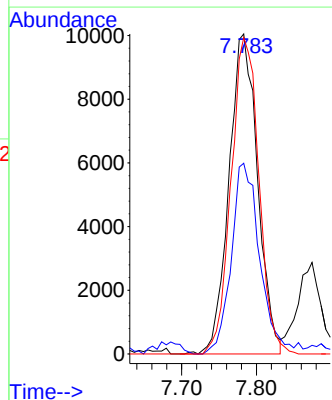
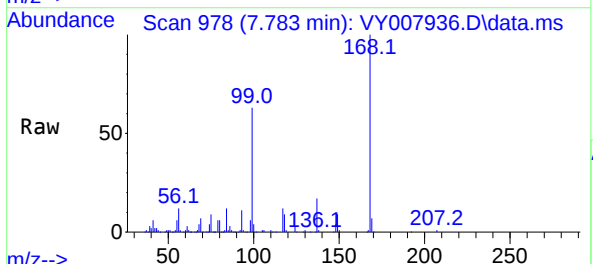
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(15-20)-3-12-22

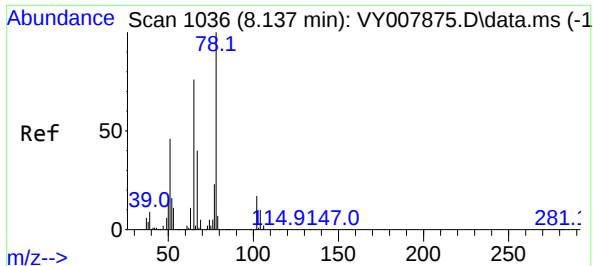
Tgt Ion: 83 Resp: 8343
Ion Ratio Lower Upper
83 100
85 55.7 51.8 77.6



#31
Cyclohexane
Concen: 3.185 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion: 56 Resp: 26735
Ion Ratio Lower Upper
56 100
69 56.6 26.7 40.1#
84 98.9 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 49.110 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007936.D

Acq: 19 Mar 2022 05:57

Instrument :

MSVOA_Y

ClientSampleId :

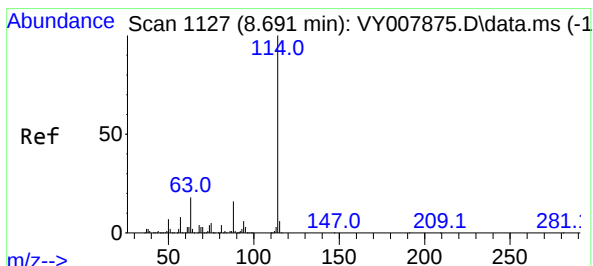
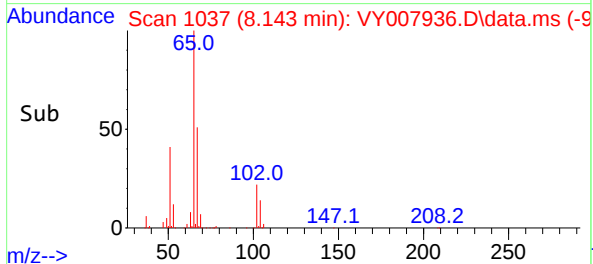
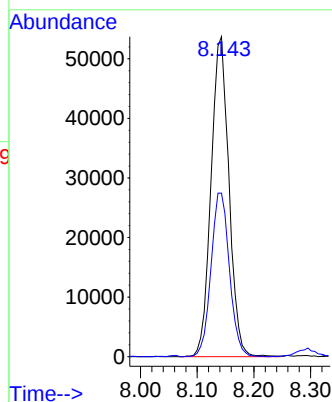
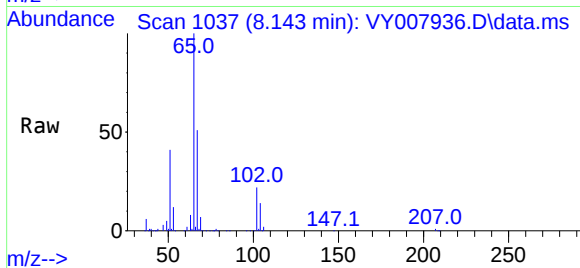
DB-8-(15-20)-3-12-22

Tgt Ion: 65 Resp: 117557

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007936.D

Acq: 19 Mar 2022 05:57

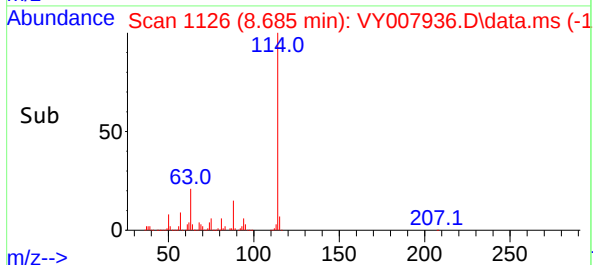
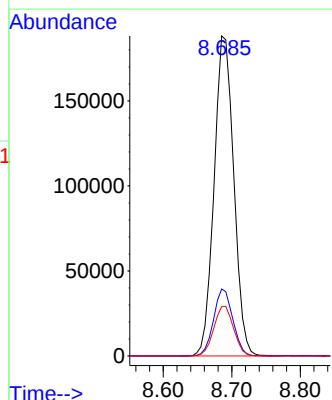
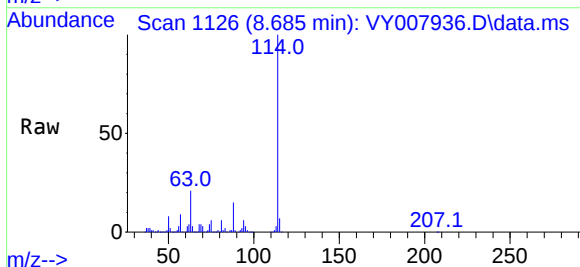
Tgt Ion:114 Resp: 375205

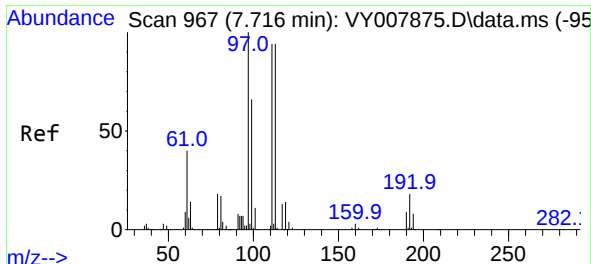
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

88 15.4 0.0 31.8

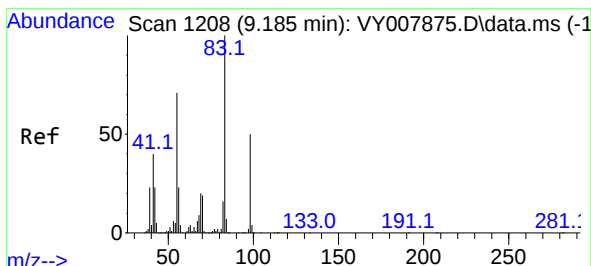
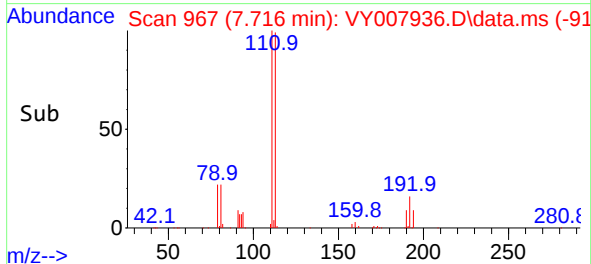
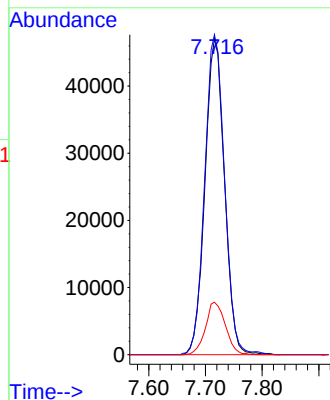
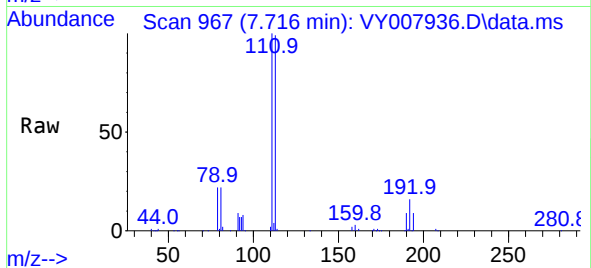




#35
Dibromofluoromethane
Concen: 42.647 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

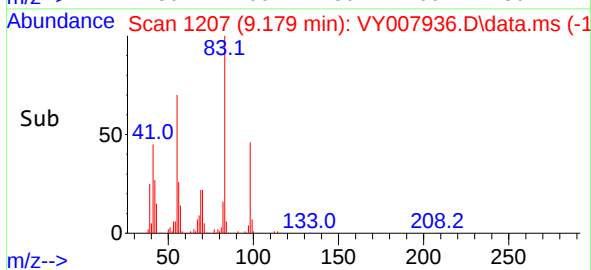
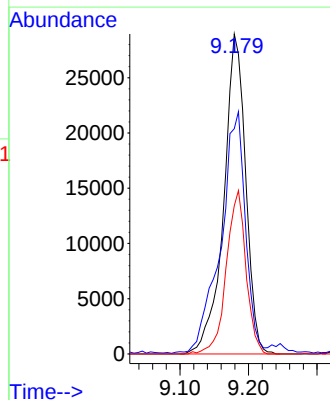
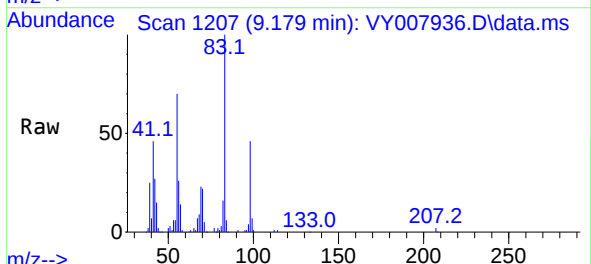
Instrument :
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ClientSampleId :
DB-8-(15-20)-3-12-22

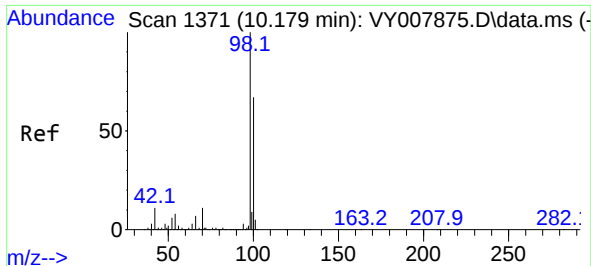
Tgt Ion:113 Resp: 112377
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 17.0 17.6 26.4#



#39
Methylcyclohexane
Concen: 12.434 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion: 83 Resp: 64253
Ion Ratio Lower Upper
83 100
55 69.7 66.5 99.7
98 46.3 37.9 56.9

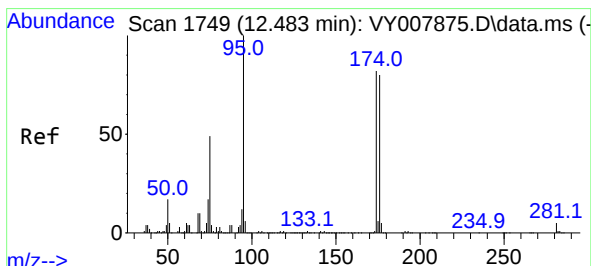
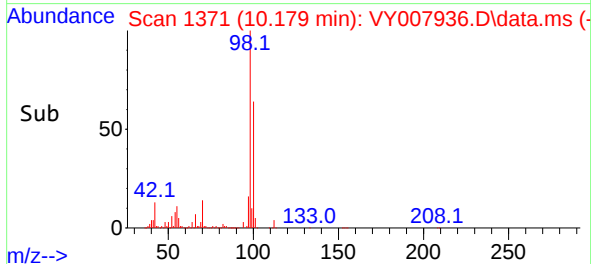
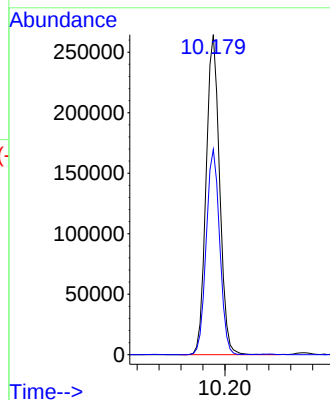
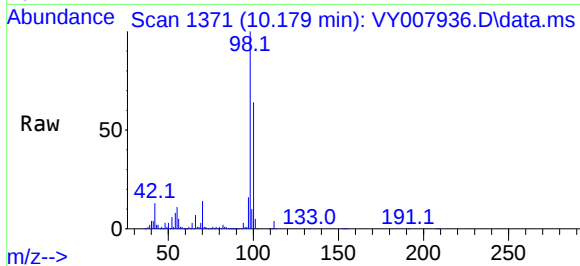




#50
Toluene-d8
Concen: 57.390 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

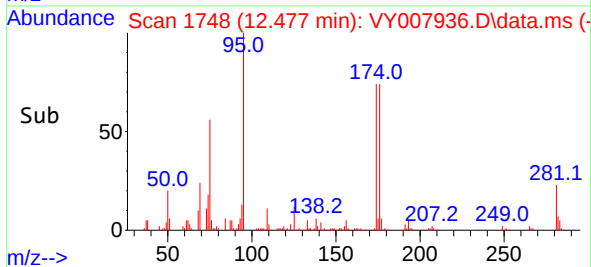
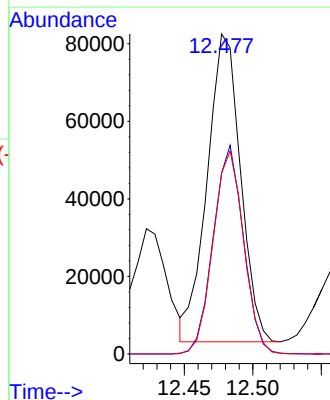
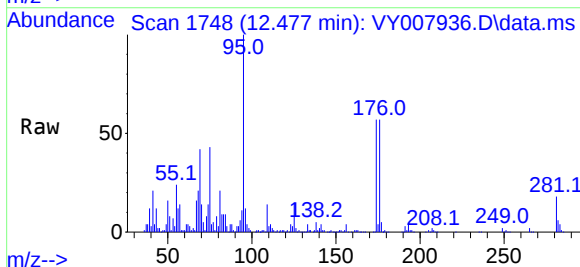
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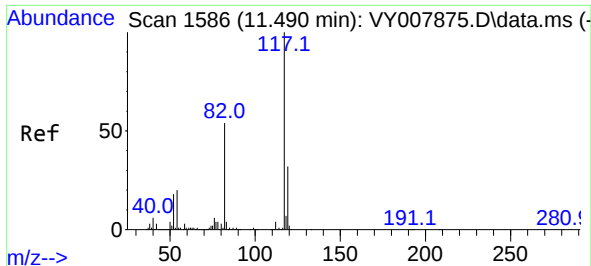
Tgt Ion: 98 Resp: 449688
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.471 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion: 95 Resp: 134142
Ion Ratio Lower Upper
95 100
174 61.5 0.0 177.0
176 60.6 0.0 175.8

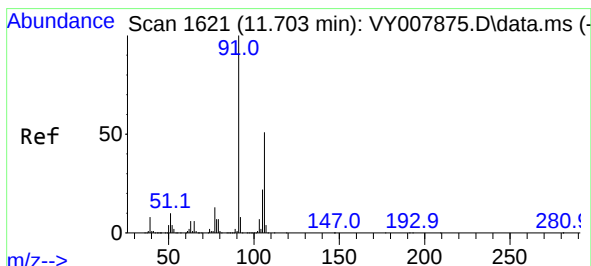
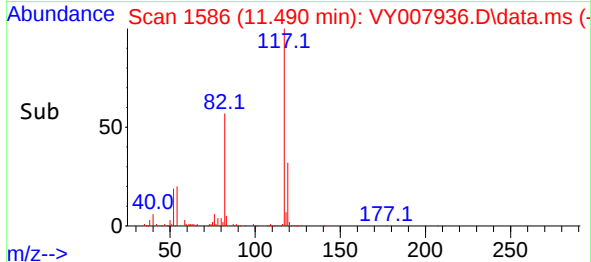
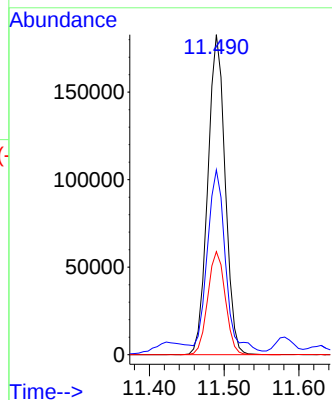
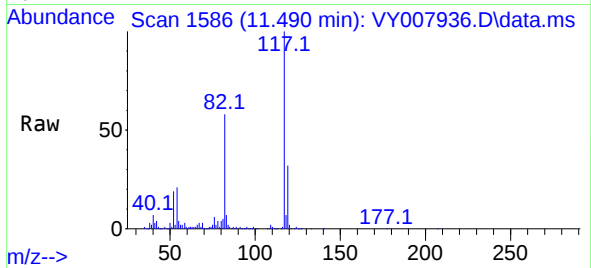




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

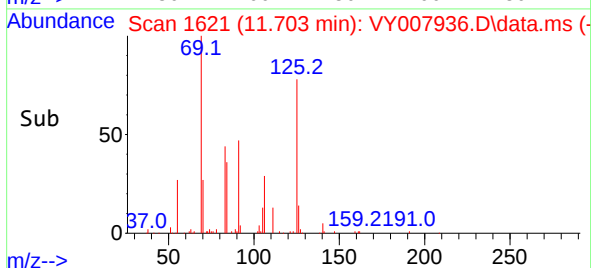
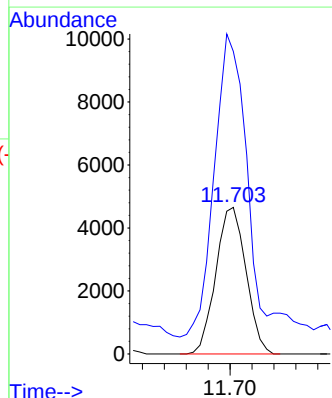
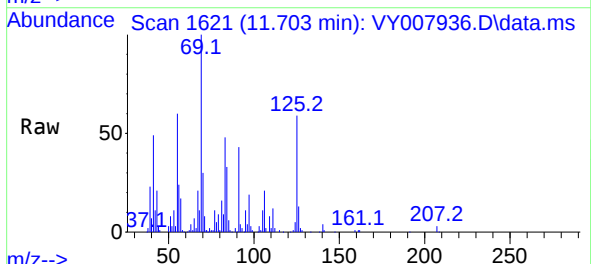
Instrument :
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DB-8-(15-20)-3-12-22

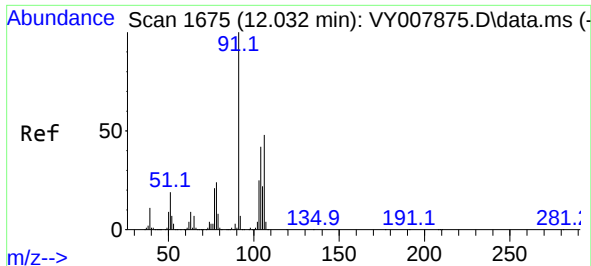
Tgt Ion:117 Resp: 295245
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 1.809 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion:106 Resp: 8890
Ion Ratio Lower Upper
106 100
91 231.8 166.6 249.8

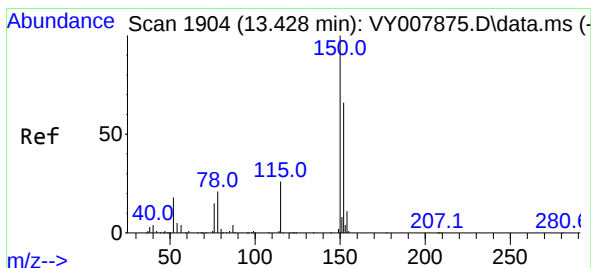
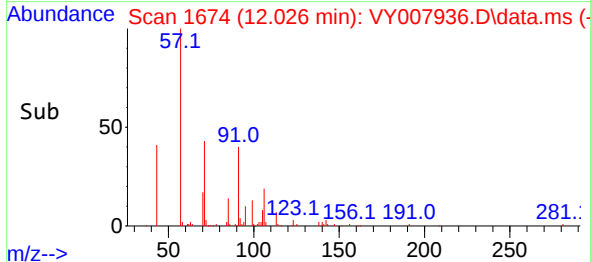
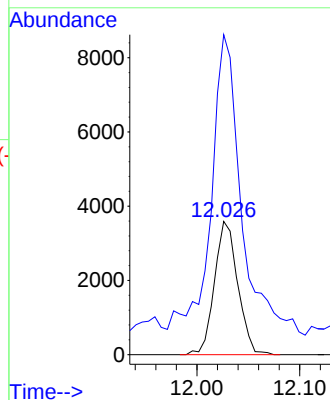
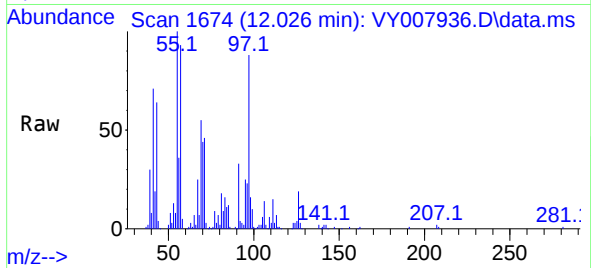




#69
o-Xylene
Concen: 1.186 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

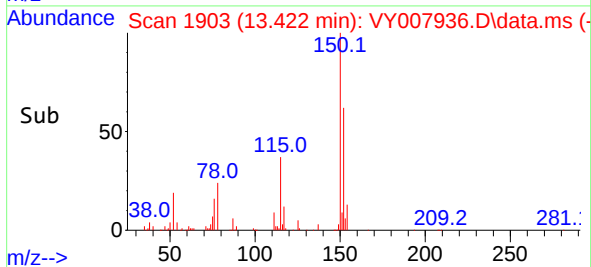
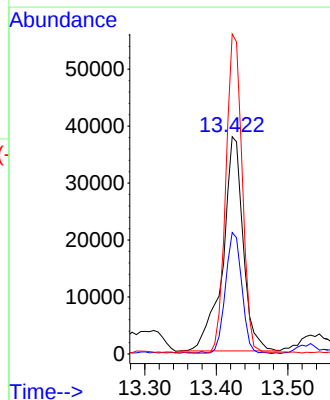
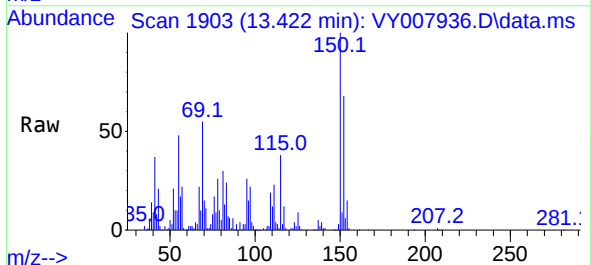
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(15-20)-3-12-22

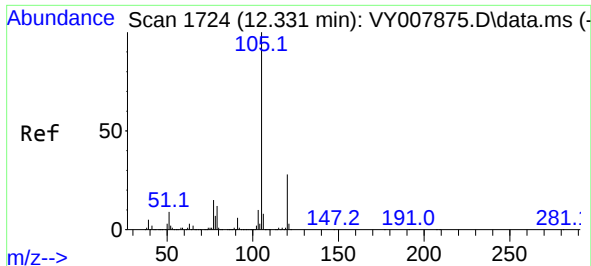
Tgt Ion:106 Resp: 5640
Ion Ratio Lower Upper
106 100
91 298.3 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion:152 Resp: 74377
Ion Ratio Lower Upper
152 100
115 45.6 28.2 84.7
150 119.5 0.0 347.6

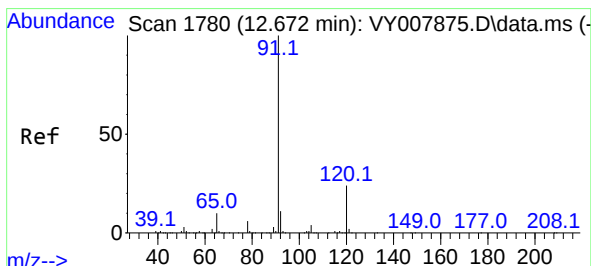
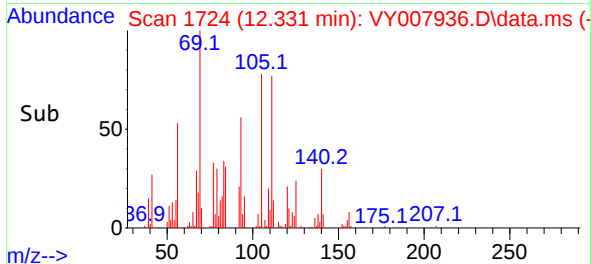
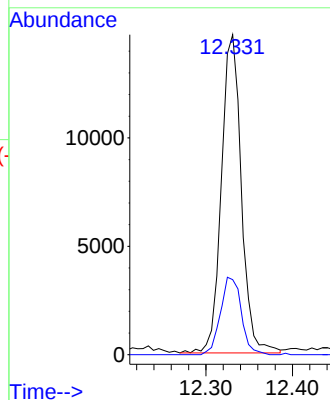
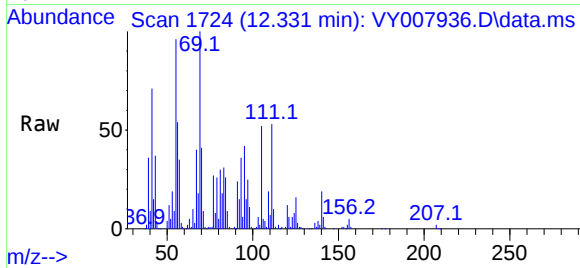




#73
Isopropylbenzene
Concen: 3.590 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

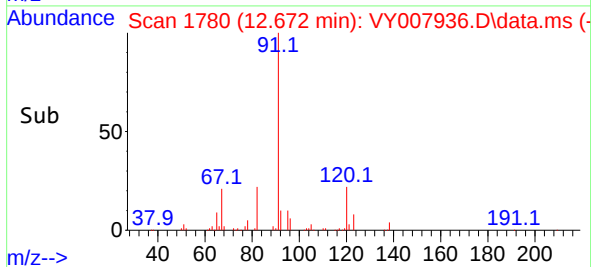
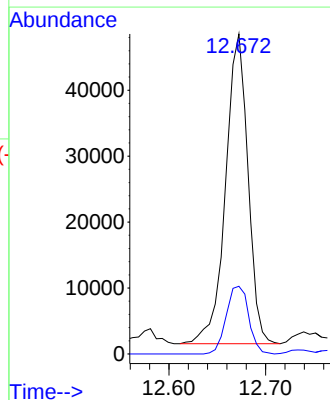
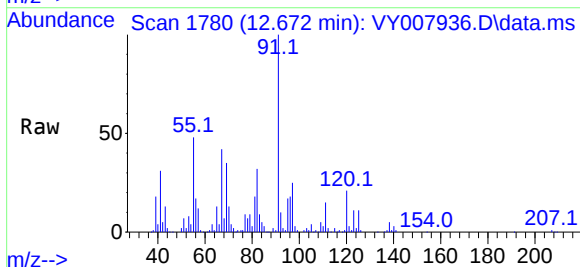
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(15-20)-3-12-22

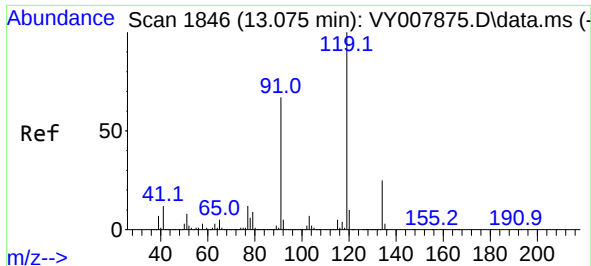
Tgt Ion:105 Resp: 23504
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.2



#78
n-propylbenzene
Concen: 9.549 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion: 91 Resp: 75487
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9

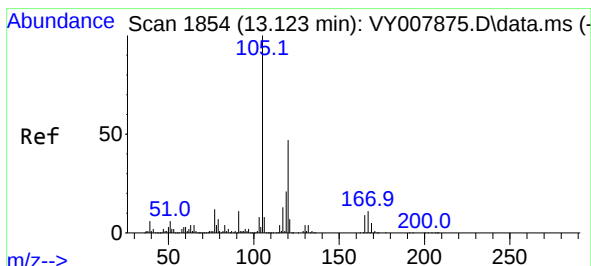
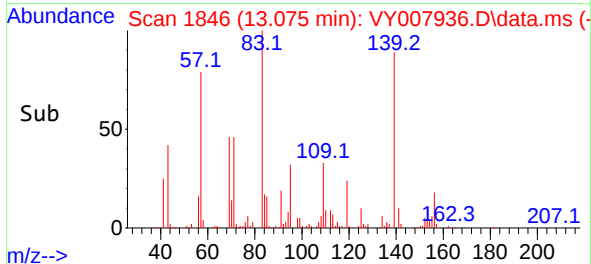
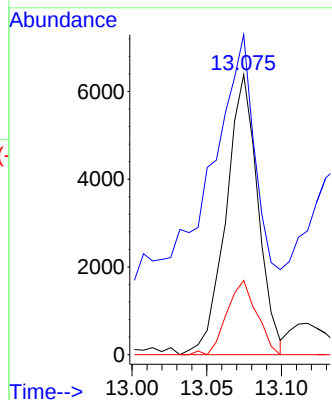
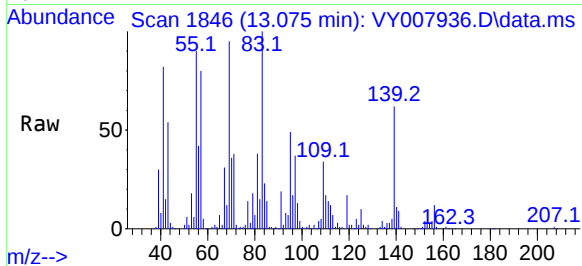




#83
tert-Butylbenzene
Concen: 1.970 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

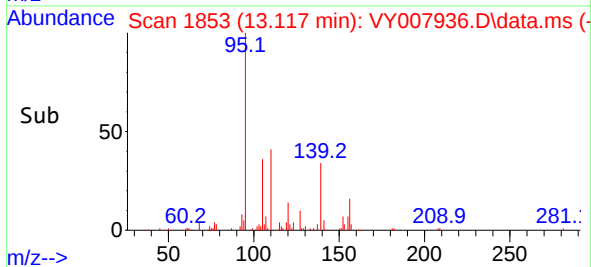
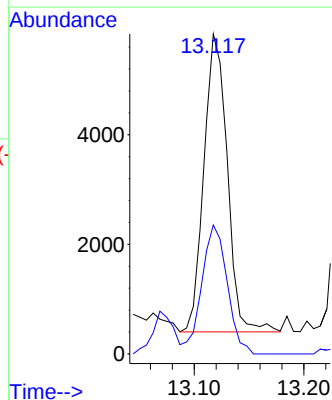
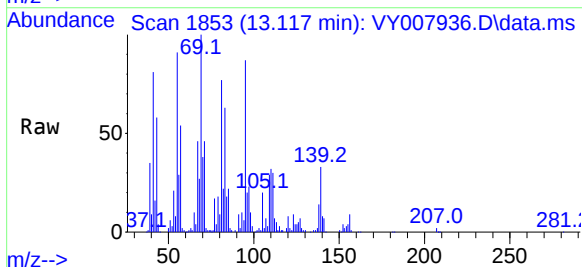
Instrument :
MSVOA_Y
ClientSampleId :
DB-8-(15-20)-3-12-22

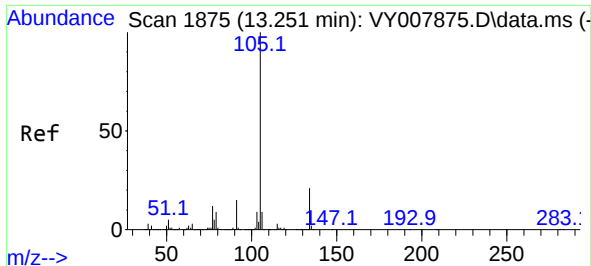
Tgt Ion:119 Resp: 9493
Ion Ratio Lower Upper
119 100
91 121.4 34.8 104.4#
134 24.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 1.525 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007936.D
Acq: 19 Mar 2022 05:57

Tgt Ion:105 Resp: 8047
Ion Ratio Lower Upper
105 100
120 47.2 22.3 66.9

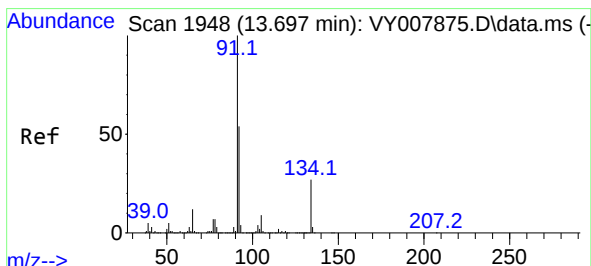
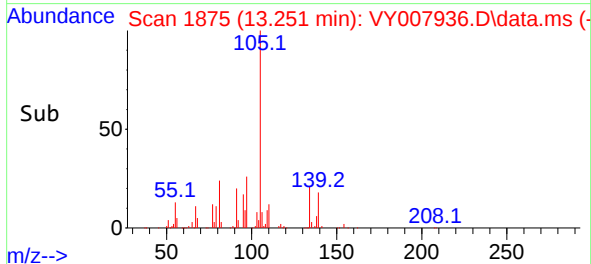
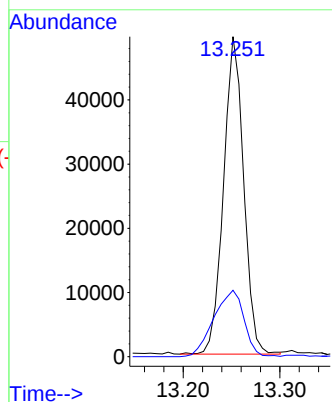
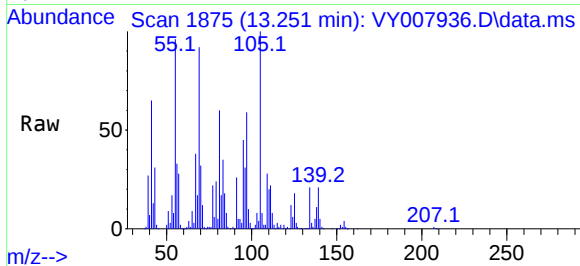




#85
 sec-Butylbenzene
 Concen: 9.900 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007936.D
 Acq: 19 Mar 2022 05:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-8-(15-20)-3-12-22

Tgt Ion:105 Resp: 71484
 Ion Ratio Lower Upper
 105 100
 134 31.4 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 12.507 ug/l
 RT: 13.697 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY007936.D
 Acq: 19 Mar 2022 05:57

Tgt Ion: 91 Resp: 70353
 Ion Ratio Lower Upper
 91 100
 92 53.4 26.3 78.9
 134 27.6 13.0 38.9

