

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010456.D
 Acq On : 13 Sep 2022 14:12
 Operator : KP/MD
 Sample : N4550-01
 Misc : 2.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-CRTE-SLAB-1

Quant Time: Sep 14 05:23:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

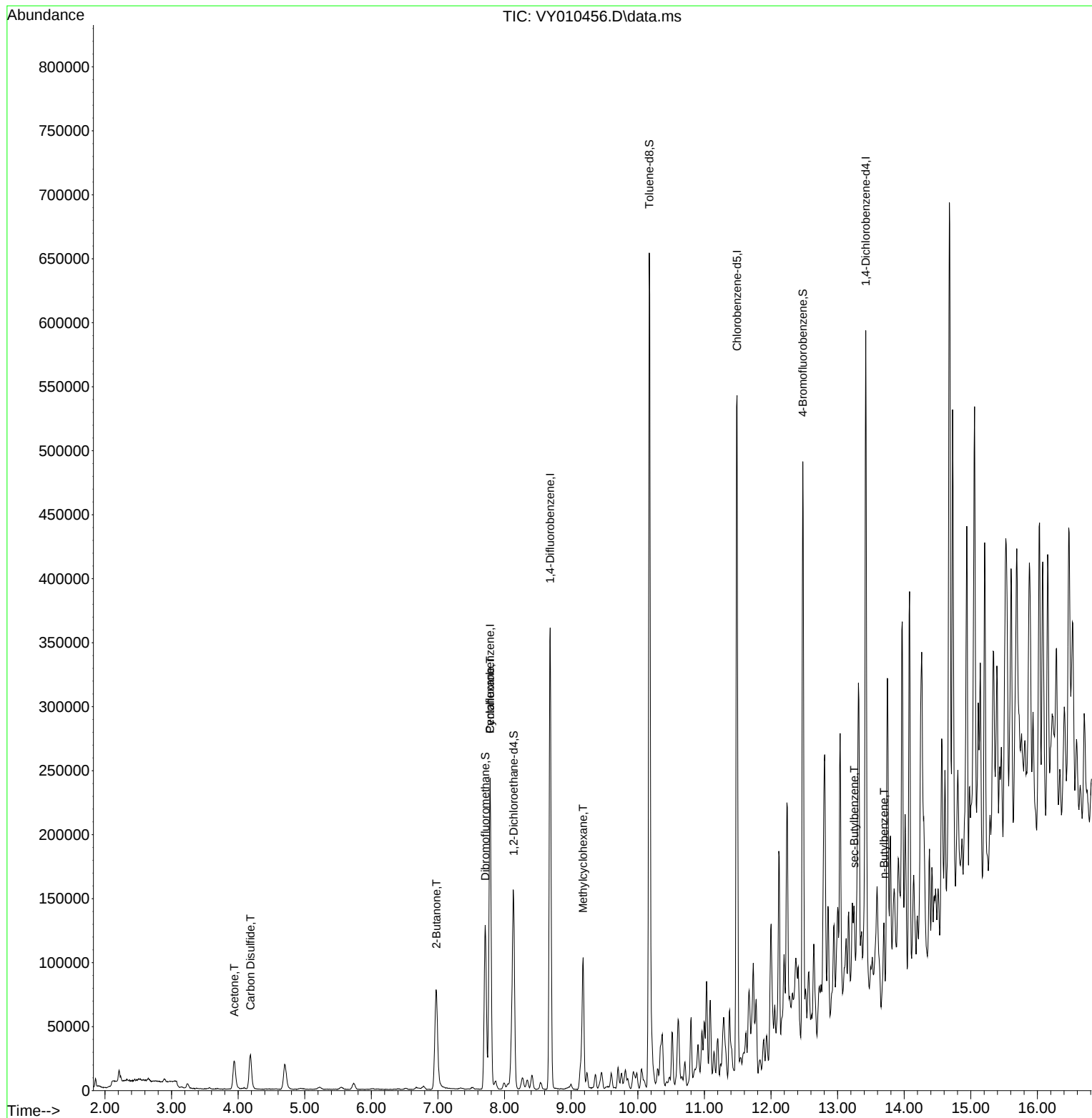
Internal Standards						
1) Pentafluorobenzene	7.783	168	182113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	104662	57.062	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.120%			
35) Dibromofluoromethane	7.710	113	90295	40.910	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 81.820%			
50) Toluene-d8	10.173	98	375691	52.520	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.477	95	135054	47.299	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.600%			
Target Compounds						
16) Acetone	3.942	43	40338	95.832	ug/l #	86
17) Carbon Disulfide	4.186	76	53548	11.275	ug/l	100
25) 2-Butanone	6.978	43	16664	24.911	ug/l	96
31) Cyclohexane	7.783	56	7096	2.290	ug/l #	52
39) Methylcyclohexane	9.179	83	41362	10.978	ug/l	90
85) sec-Butylbenzene	13.252	105	16219	1.402	ug/l #	59
89) n-Butylbenzene	13.697	91	20729	2.334	ug/l	95

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

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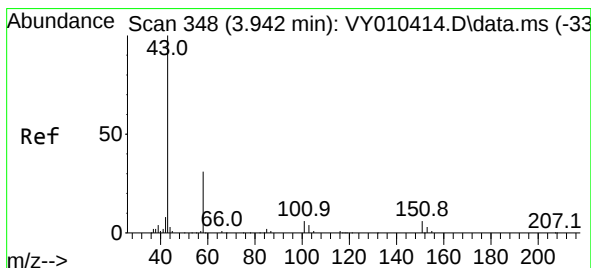
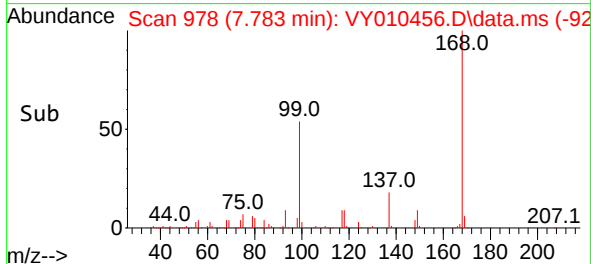
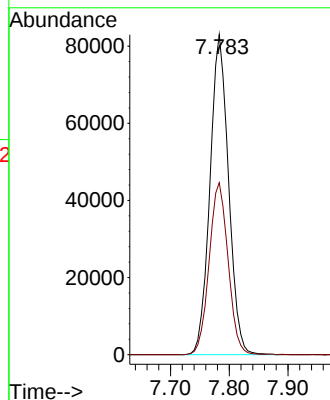
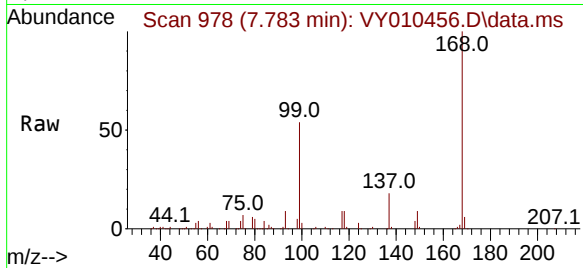




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

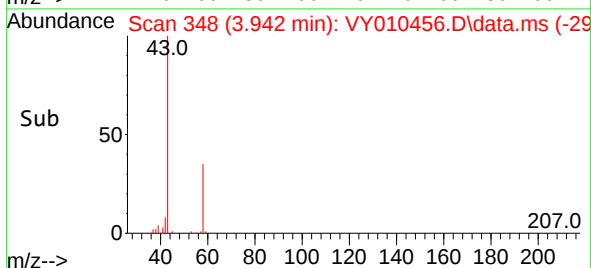
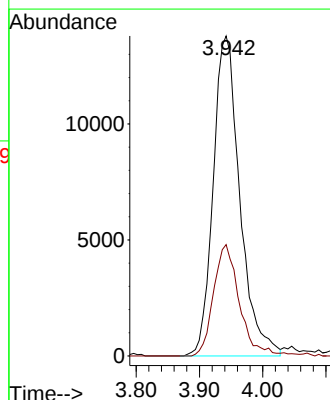
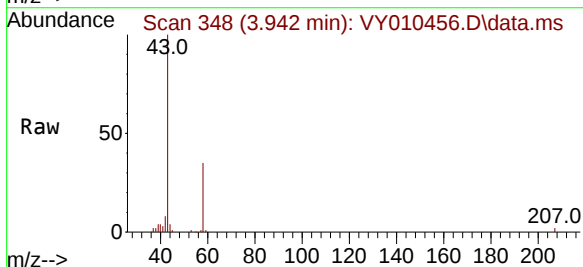
Instrument :
MSVOA_Y
ClientSampleId :
D-CRTE-SLAB-1

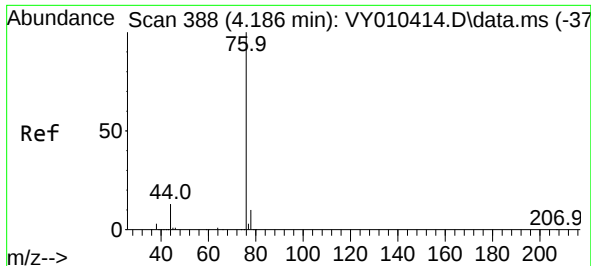
Tgt Ion:168 Resp: 182113
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 95.832 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

Tgt Ion: 43 Resp: 40338
Ion Ratio Lower Upper
43 100
58 34.8 22.0 33.0#

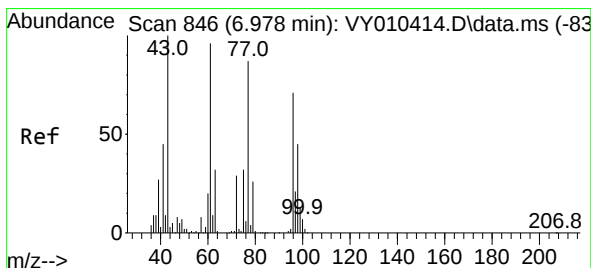
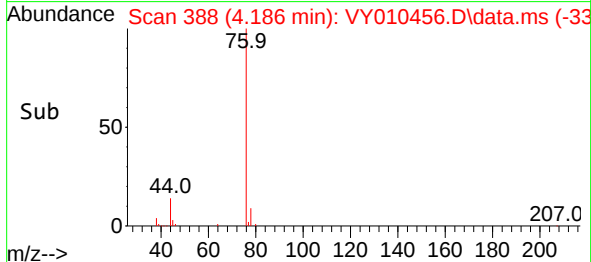
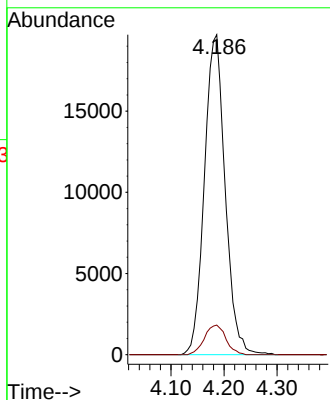
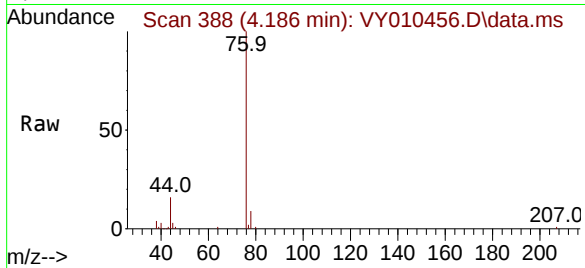




#17
Carbon Disulfide
Concen: 11.275 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

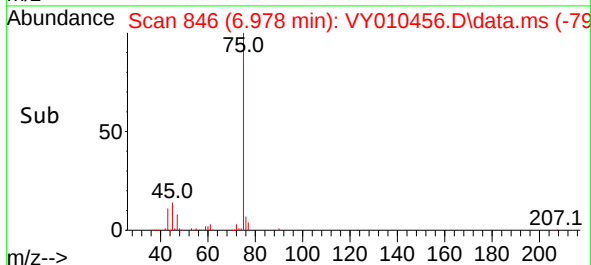
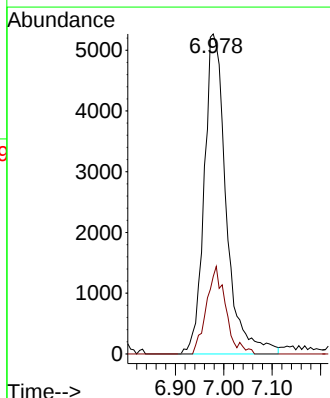
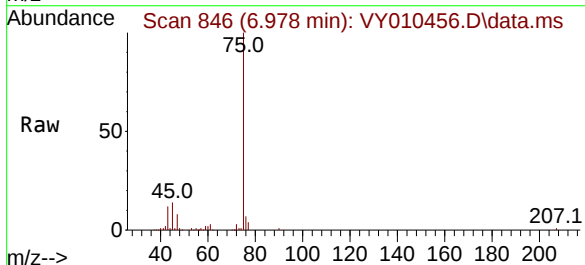
Instrument :
MSVOA_Y
ClientSampleId :
D-CRTE-SLAB-1

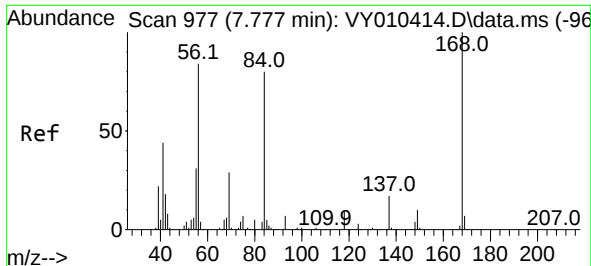
Tgt Ion: 76 Resp: 53548
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#25
2-Butanone
Concen: 24.911 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

Tgt Ion: 43 Resp: 16664
Ion Ratio Lower Upper
43 100
72 24.2 17.7 26.5

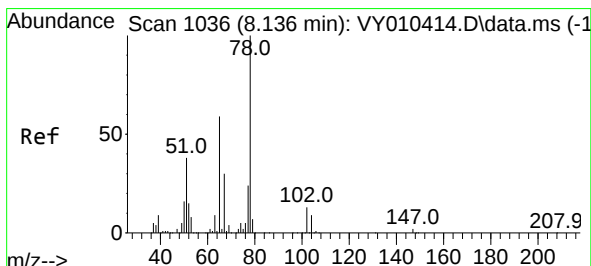
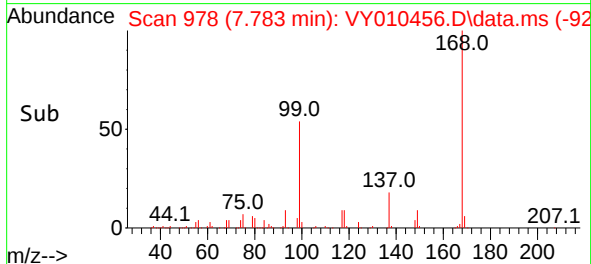
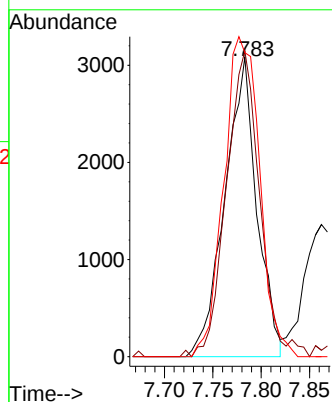
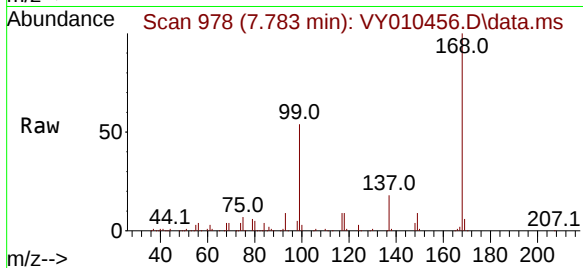




#31
Cyclohexane
Concen: 2.290 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

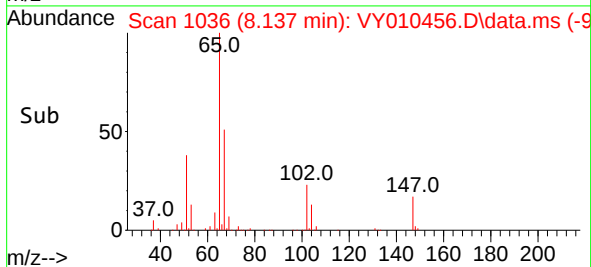
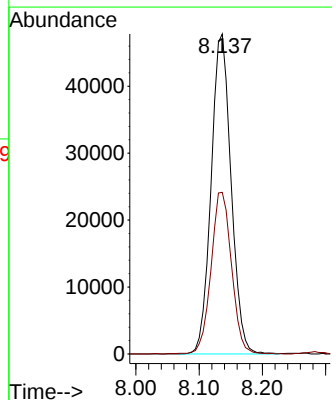
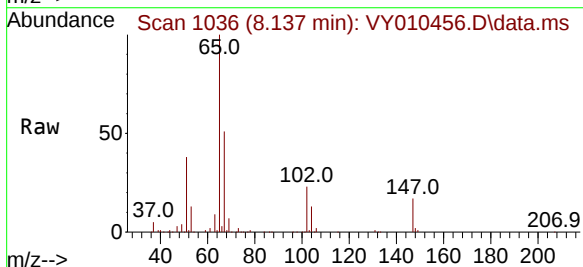
Instrument :
MSVOA_Y
ClientSampleId :
D-CRTE-SLAB-1

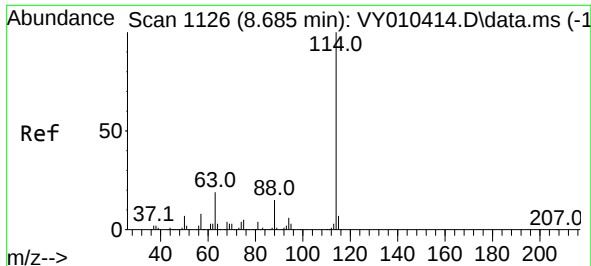
Tgt Ion: 56 Resp: 7096
Ion Ratio Lower Upper
56 100
69 102.0 26.7 40.1#
84 101.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.062 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

Tgt Ion: 65 Resp: 104662
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010456.D

Acq: 13 Sep 2022 14:12

Instrument :

MSVOA_Y

ClientSampleId :

D-CRTE-SLAB-1

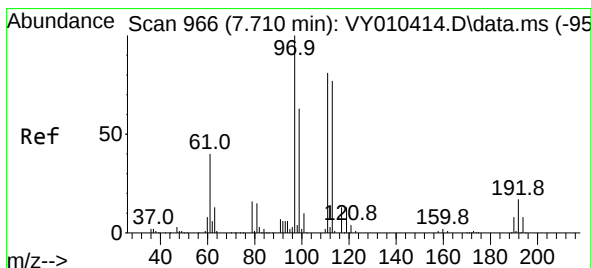
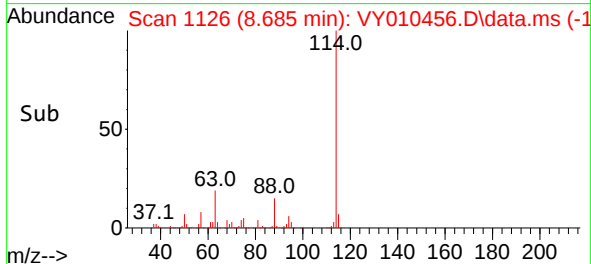
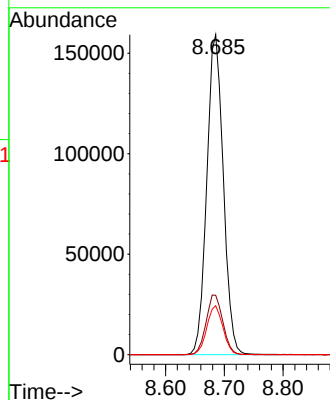
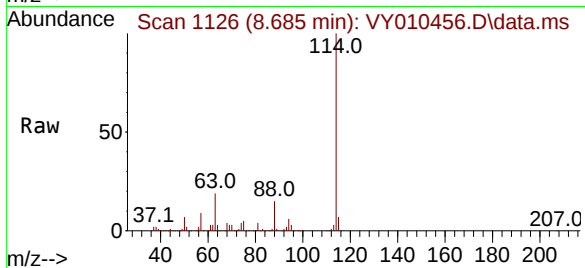
Tgt Ion:114 Resp: 310779

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.910 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010456.D

Acq: 13 Sep 2022 14:12

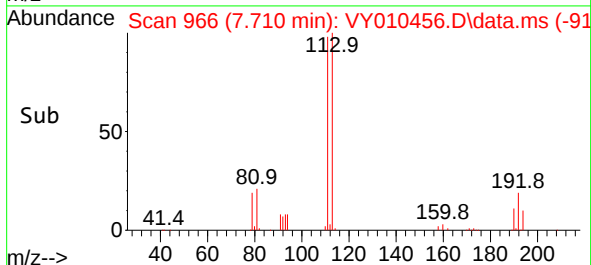
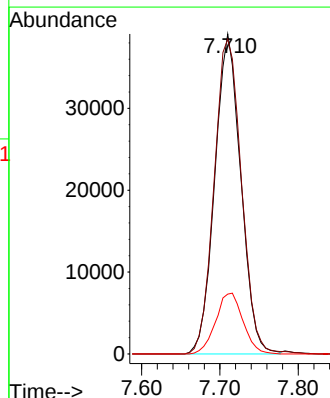
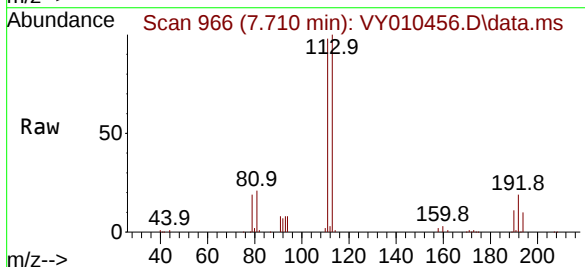
Tgt Ion:113 Resp: 90295

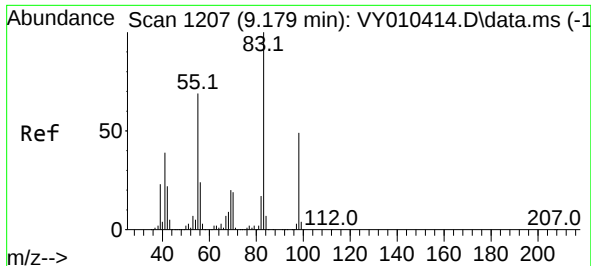
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.9 17.6 26.4





#39

Methylcyclohexane

Concen: 10.978 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010456.D

Acq: 13 Sep 2022 14:12

Instrument :

MSVOA_Y

ClientSampleId :

D-CRTE-SLAB-1

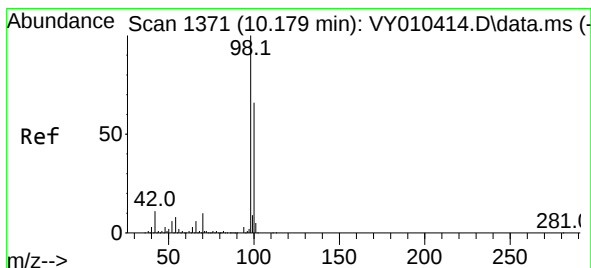
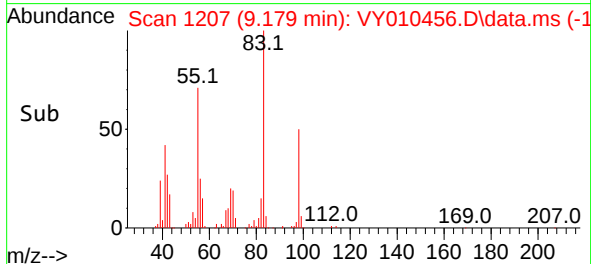
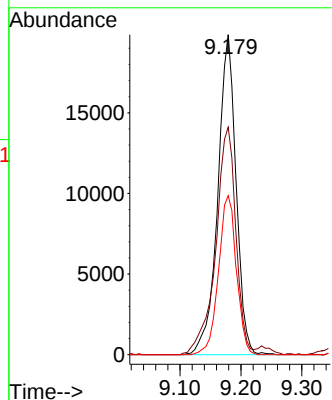
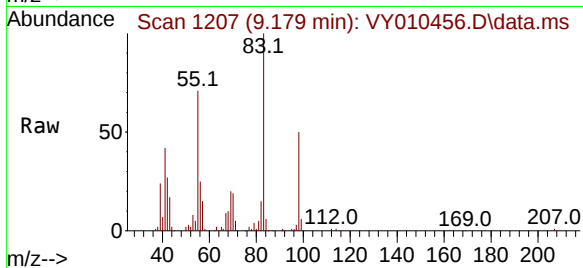
Tgt Ion: 83 Resp: 41362

Ion Ratio Lower Upper

83 100

55 71.1 66.5 99.7

98 49.7 37.9 56.9



#50

Toluene-d8

Concen: 52.520 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY010456.D

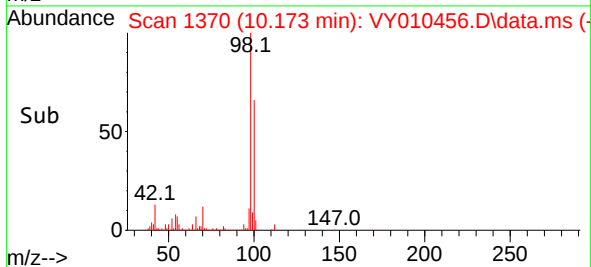
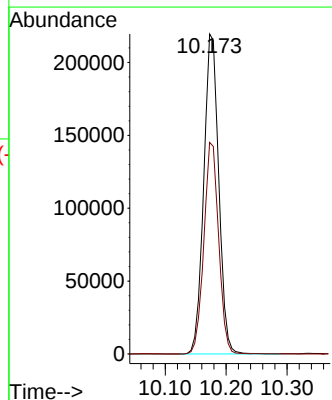
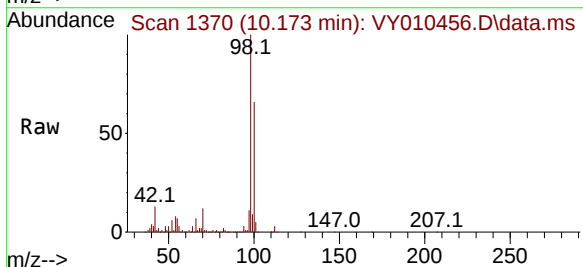
Acq: 13 Sep 2022 14:12

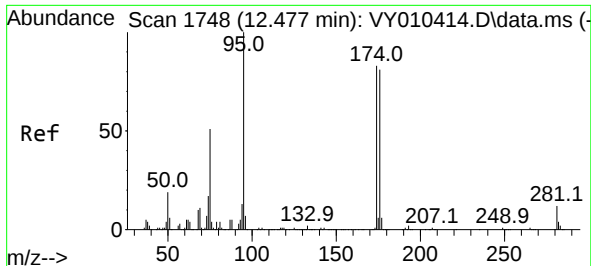
Tgt Ion: 98 Resp: 375691

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

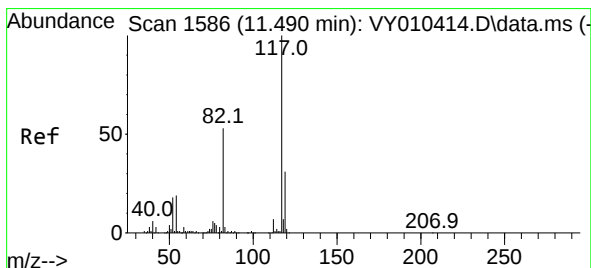
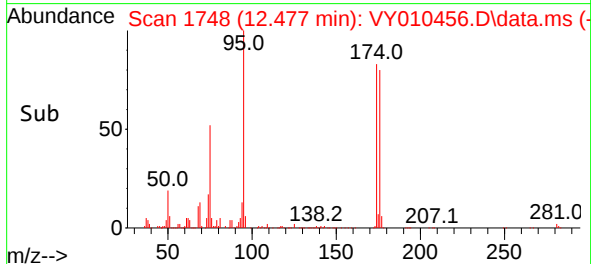
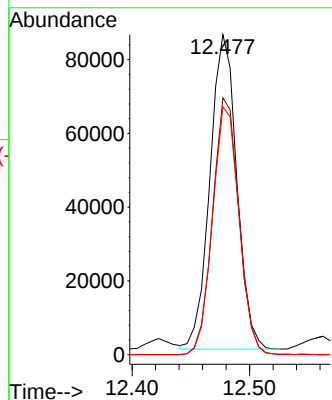
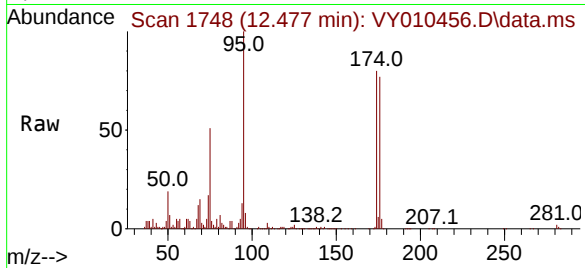




#62
4-Bromofluorobenzene
Concen: 47.299 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

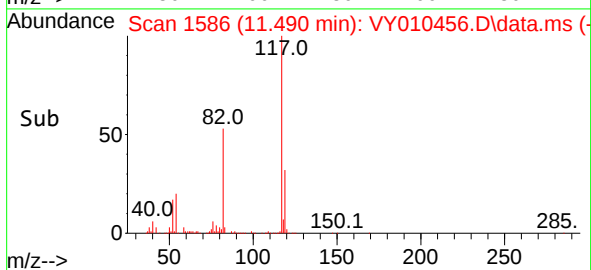
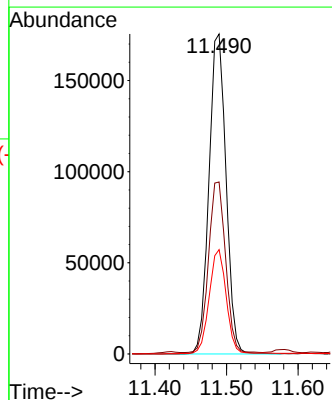
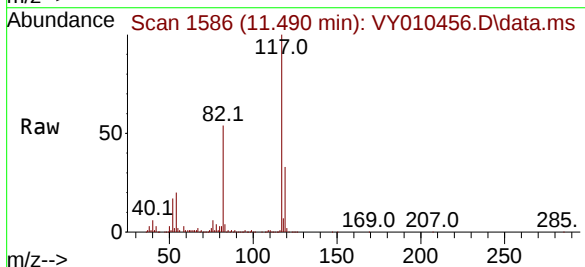
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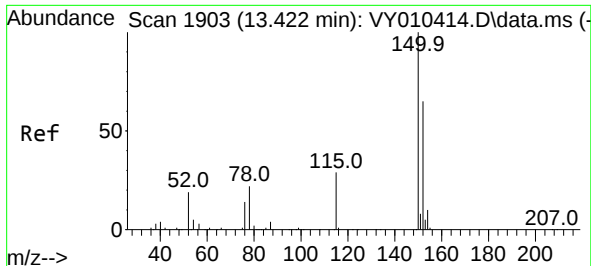
Tgt Ion: 95 Resp: 135054
Ion Ratio Lower Upper
95 100
174 80.4 0.0 177.0
176 78.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

Tgt Ion: 117 Resp: 290682
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.4 25.4 38.0

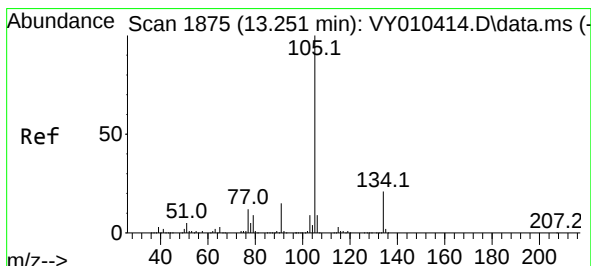
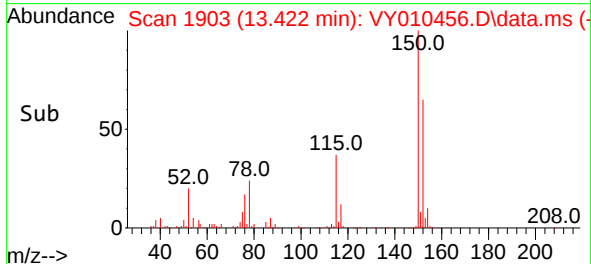
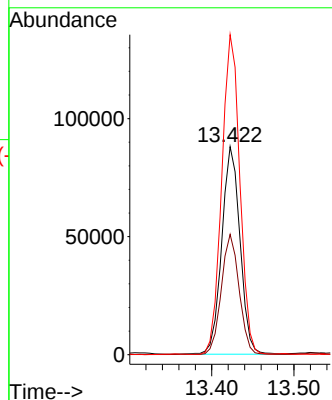
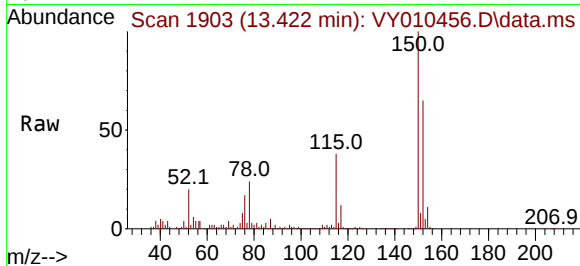




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

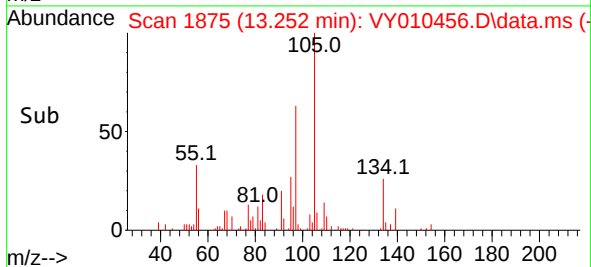
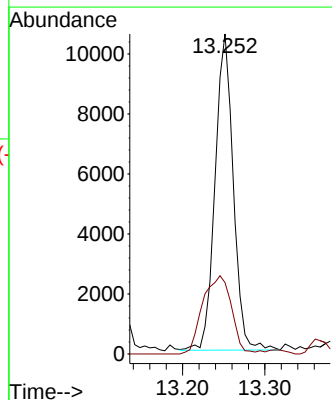
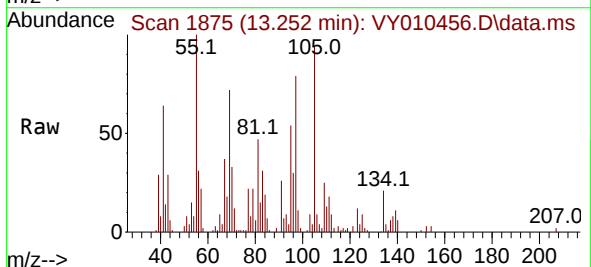
Instrument :
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D-CRTE-SLAB-1

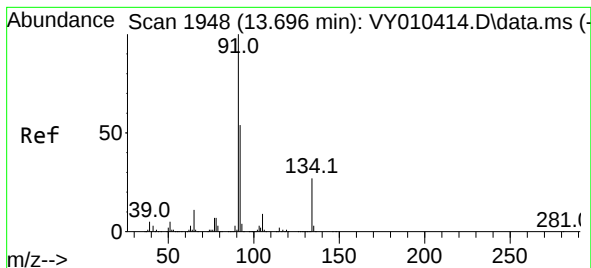
Tgt Ion:152 Resp: 135790
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 152.0 0.0 347.6



#85
sec-Butylbenzene
Concen: 1.402 ug/l
RT: 13.252 min Scan# 1875
Delta R.T. 0.001 min
Lab File: VY010456.D
Acq: 13 Sep 2022 14:12

Tgt Ion:105 Resp: 16219
Ion Ratio Lower Upper
105 100
134 39.0 10.2 30.4#





#89

n-Butylbenzene

Concen: 2.334 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY010456.D

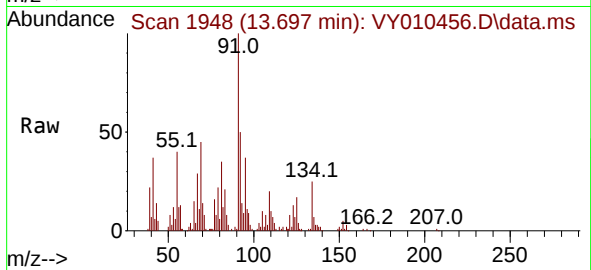
Acq: 13 Sep 2022 14:12

Instrument :

MSVOA_Y

ClientSampleId :

D-CRTE-SLAB-1



Tgt Ion: 91 Resp: 20729

Ion Ratio Lower Upper

91 100

92 50.1 26.3 78.9

134 30.1 13.0 38.9

