

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010135.D
 Acq On : 20 Aug 2022 04:46
 Operator : KP/MD
 Sample : N4205-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-3

Quant Time: Aug 22 02:53:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

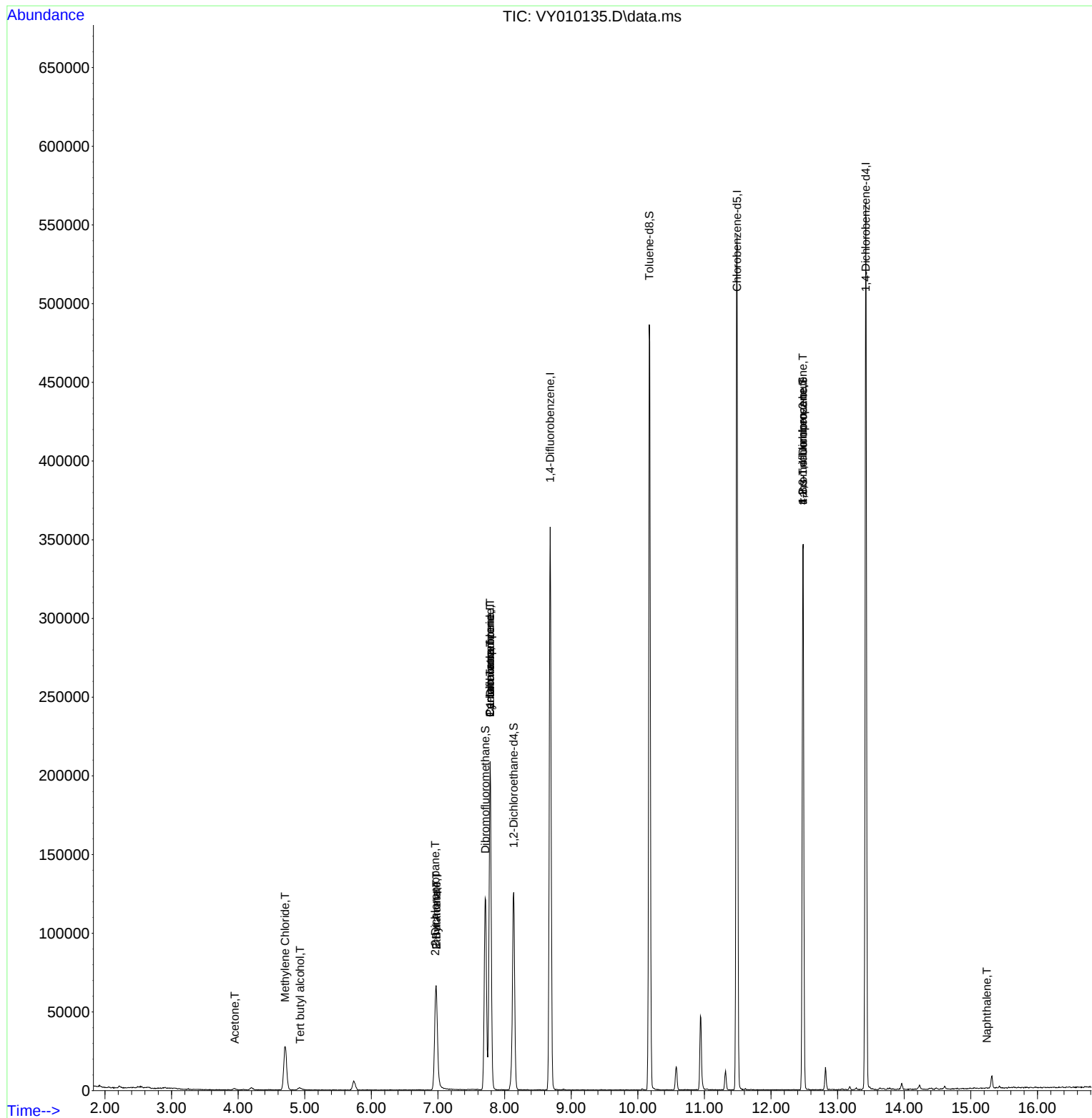
Internal Standards						
1) Pentafluorobenzene	7.783	168	165480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90907	67.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.140%	
35) Dibromofluoromethane	7.710	113	90147	50.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.160%	
50) Toluene-d8	10.173	98	330912	49.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.477	95	107710	45.138	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	2225	25.627	ug/l #	73
16) Acetone	3.948	43	1560	4.599	ug/l	94
20) Methylene Chloride	4.704	84	22400	4.228	ug/l	97
25) 2-Butanone	6.978	43	3028	5.549	ug/l #	80
26) 2,2-Dichloropropane	6.960	77	5063	1.981	ug/l #	50
31) Cyclohexane	7.783	56	2850	1.026	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12181	4.282	ug/l #	47
37) Ethyl Acetate	6.978	43	3028	2.096	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15780	5.289	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	51852	37.029	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51852	74.373	ug/l #	18
95) Naphthalene	15.239	128	171	3.914	ug/l #	69

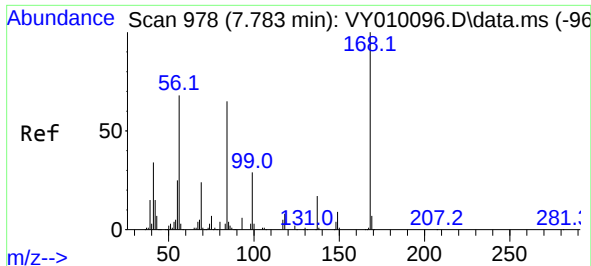
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
Data File : VY010135.D
Acq On : 20 Aug 2022 04:46
Operator : KP/MD
Sample : N4205-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

Quant Time: Aug 22 02:53:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

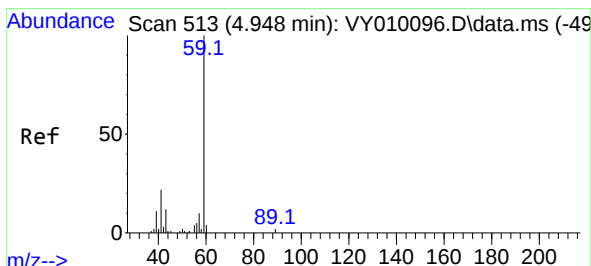
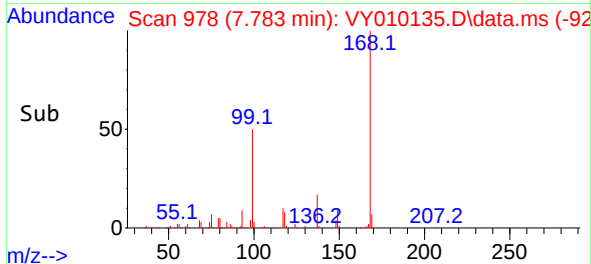
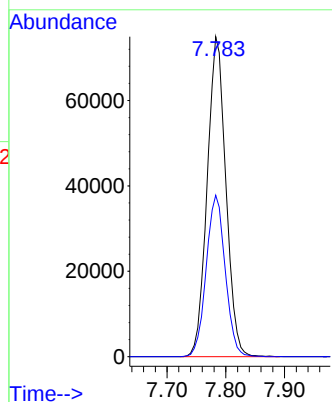
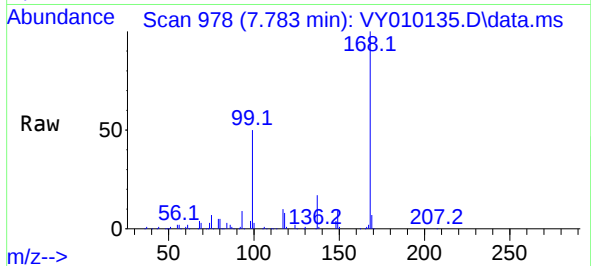




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

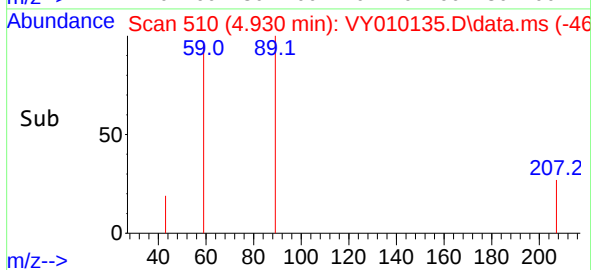
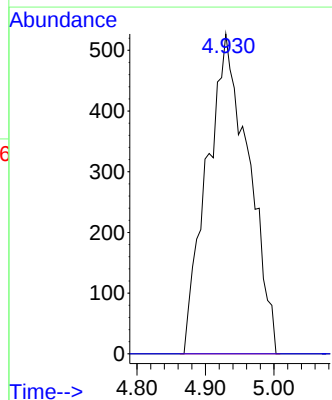
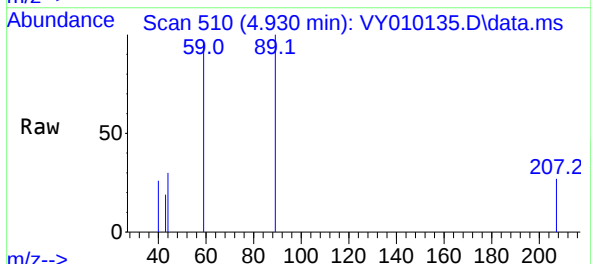
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

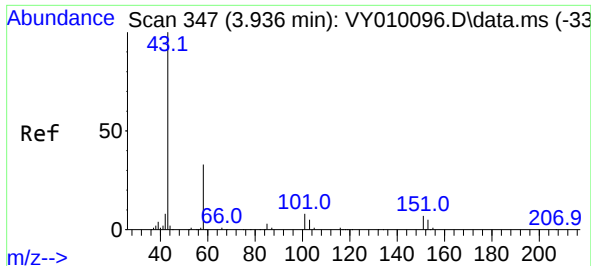
Tgt Ion:168 Resp: 165480
Ion Ratio Lower Upper
168 100
99 50.4 40.7 61.1



#11
Tert butyl alcohol
Concen: 25.627 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 59 Resp: 2225
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

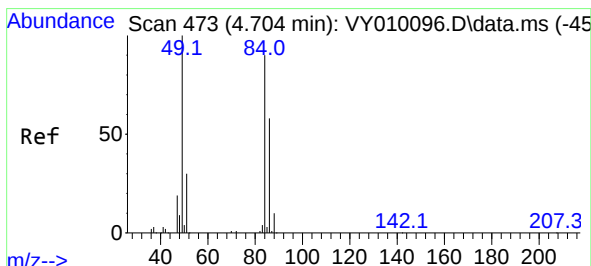
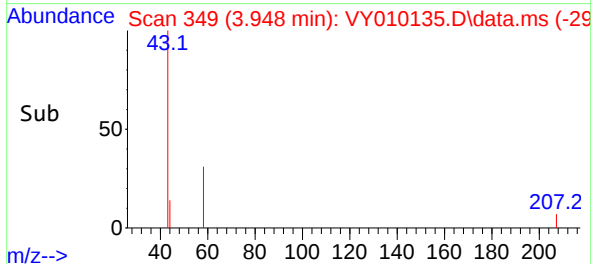
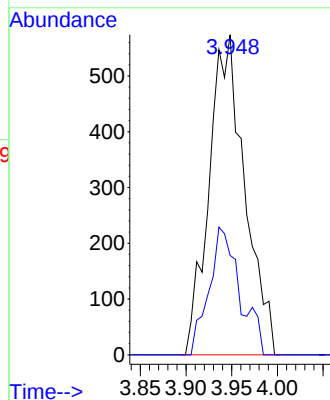
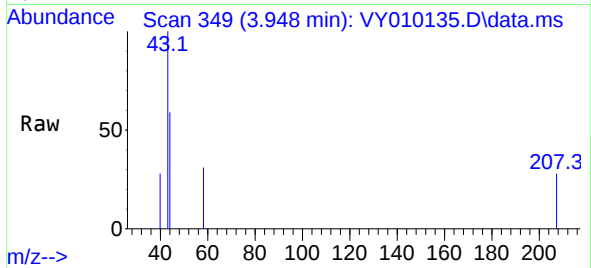




#16
Acetone
Concen: 4.599 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

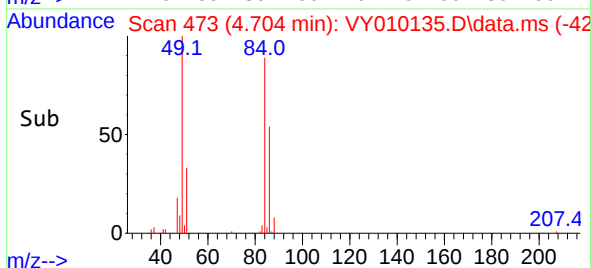
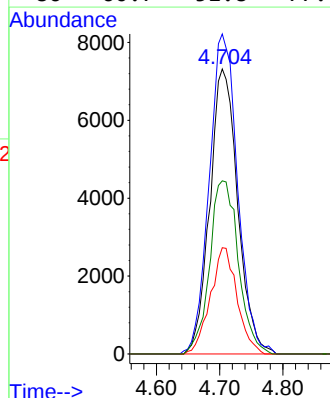
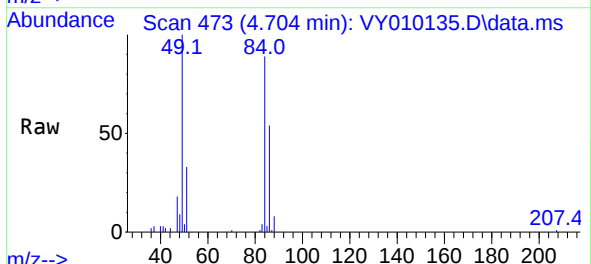
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

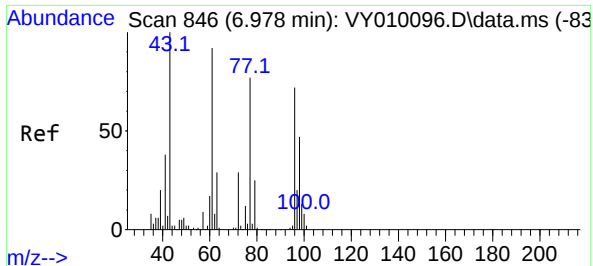
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 31.0 27.4 41.0



#20
Methylene Chloride
Concen: 4.228 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 84 Resp: 22400
Ion Ratio Lower Upper
84 100
49 112.3 89.0 133.4
51 37.3 27.0 40.6
86 60.7 51.8 77.6

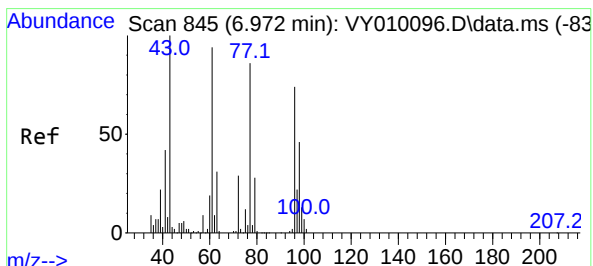
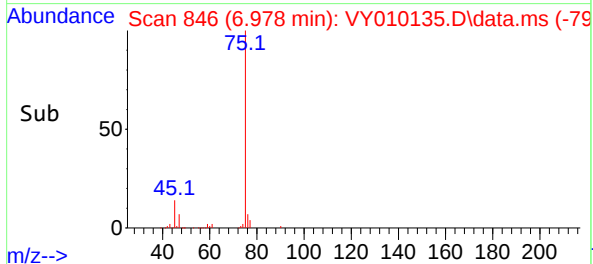
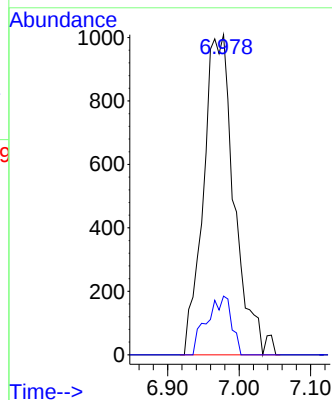
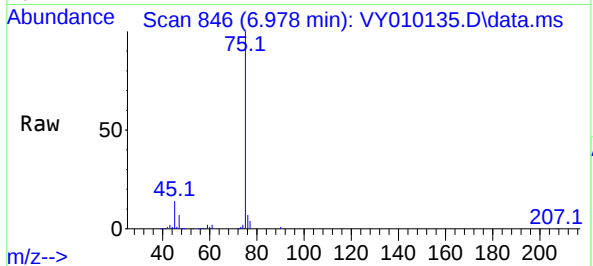




#25
2-Butanone
Concen: 5.549 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

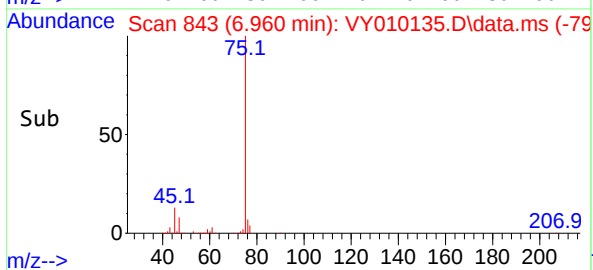
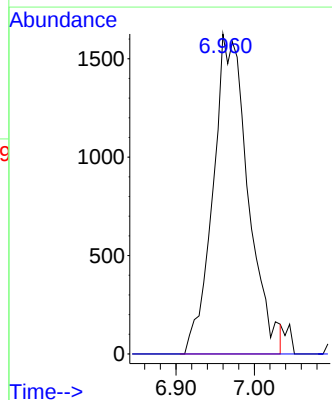
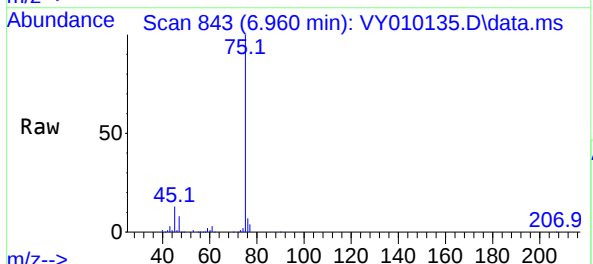
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

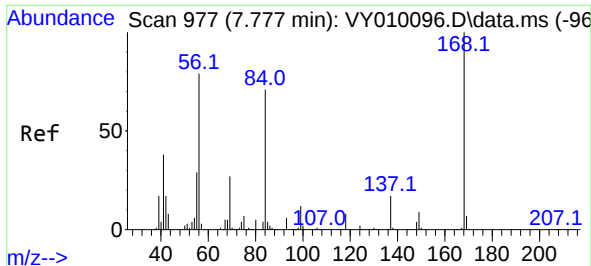
Tgt Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
72 18.3 23.2 34.8#



#26
2,2-Dichloropropane
Concen: 1.981 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.012 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 77 Resp: 5063
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

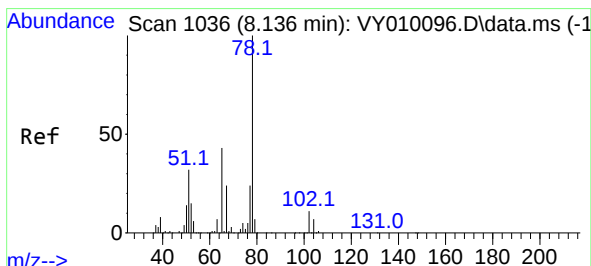
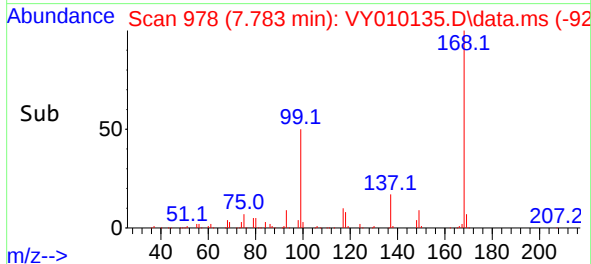
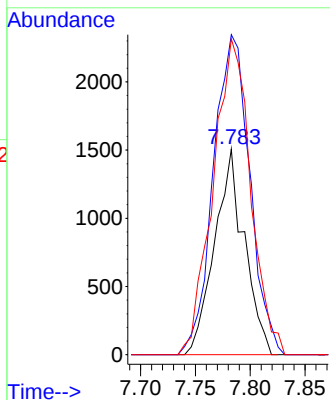
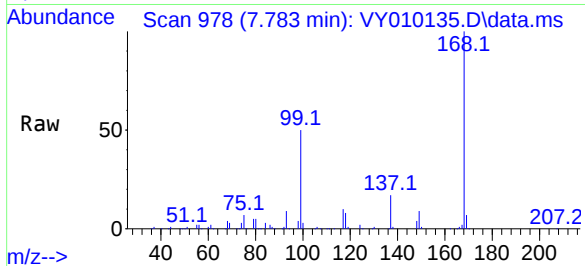




#31
Cyclohexane
Concen: 1.026 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

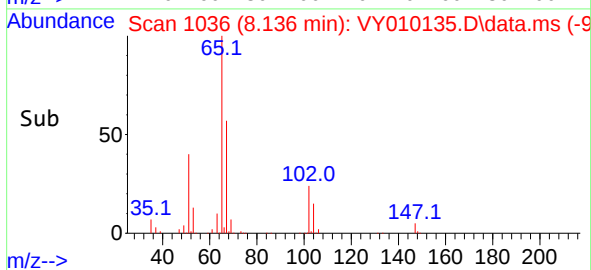
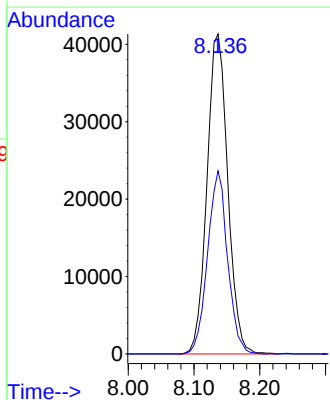
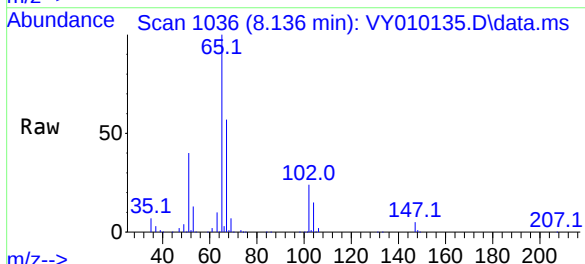
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

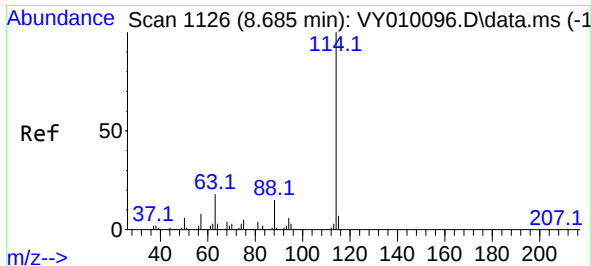
Tgt Ion: 56 Resp: 2850
Ion Ratio Lower Upper
56 100
69 155.7 27.3 40.9#
84 153.7 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 67.068 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 65 Resp: 90907
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010135.D

Acq: 20 Aug 2022 04:46

Instrument :

MSVOA_Y

ClientSampleId :

SS-3

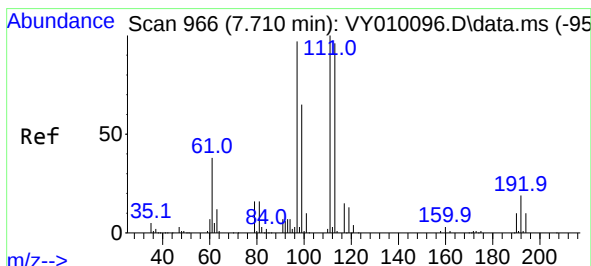
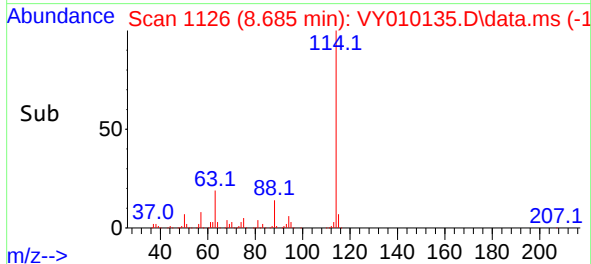
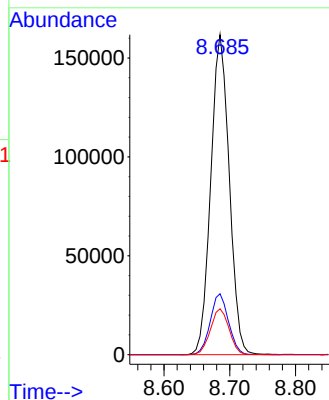
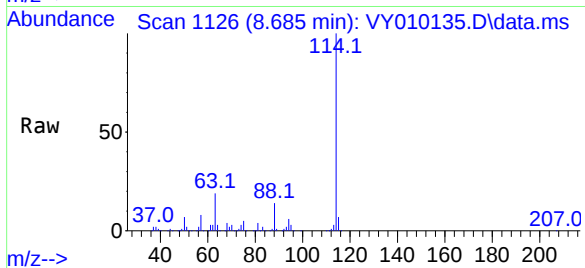
Tgt Ion:114 Resp: 316315

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

88 14.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.577 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010135.D

Acq: 20 Aug 2022 04:46

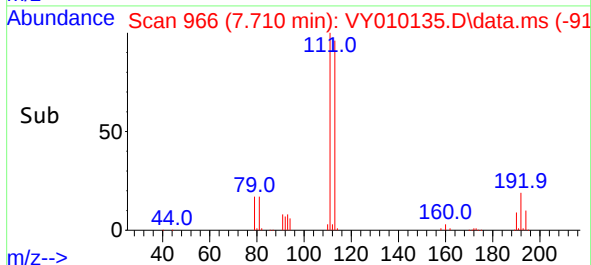
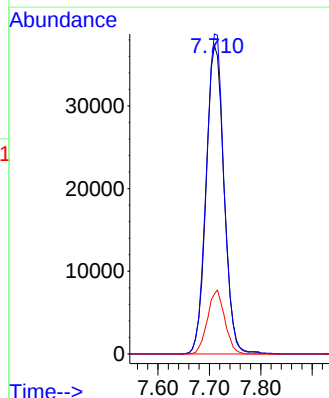
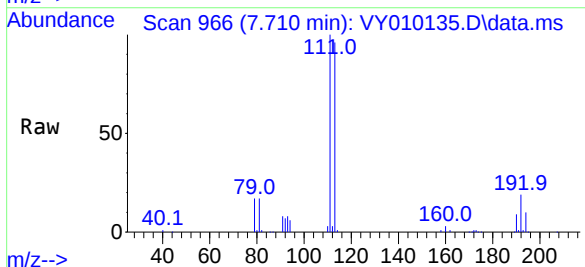
Tgt Ion:113 Resp: 90147

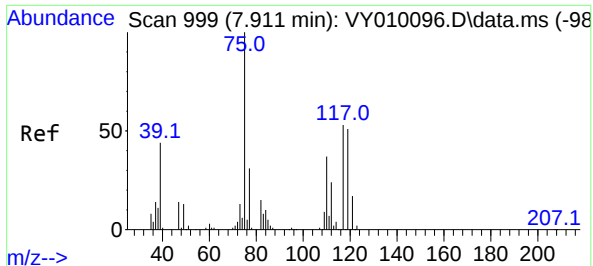
Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 20.0 16.3 24.5

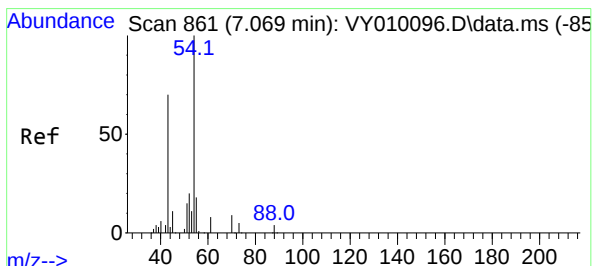
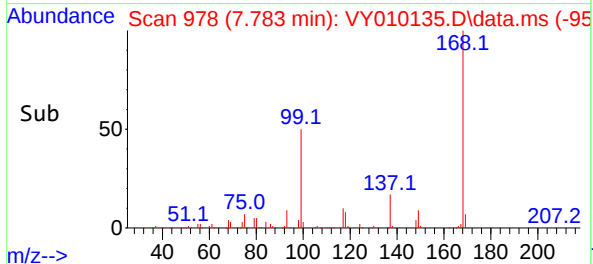
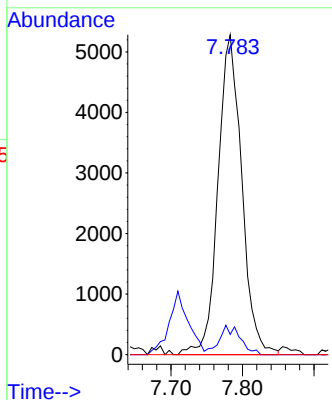
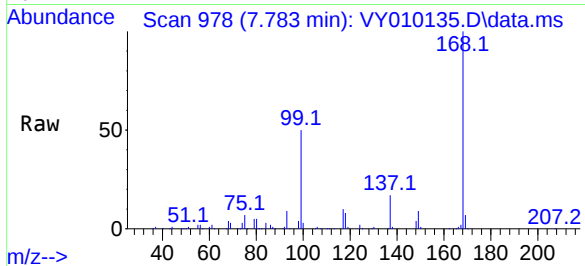




#36
1,1-Dichloropropene
Concen: 4.282 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

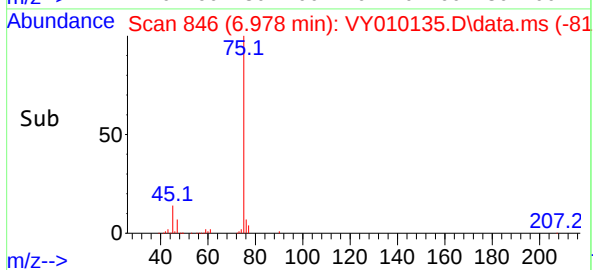
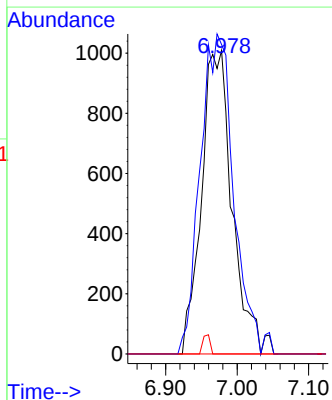
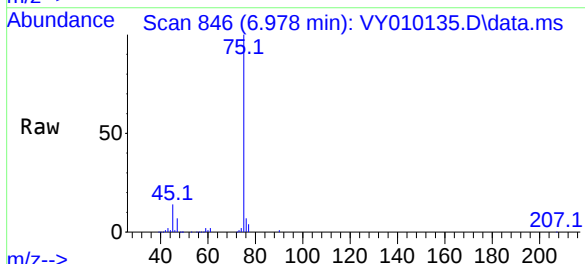
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

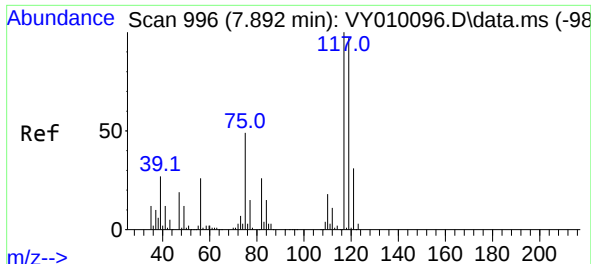
Tgt Ion: 75 Resp: 12181
Ion Ratio Lower Upper
75 100
110 7.8 18.6 56.0#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 2.096 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 43 Resp: 3028
Ion Ratio Lower Upper
43 100
61 113.4 11.7 17.5#
70 1.5 9.0 13.4#

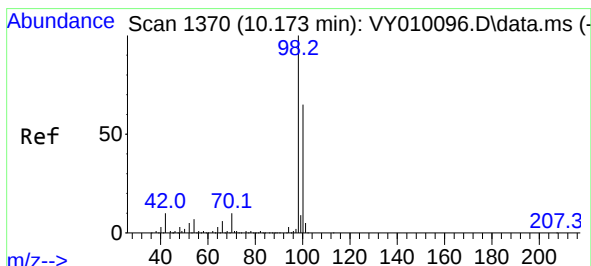
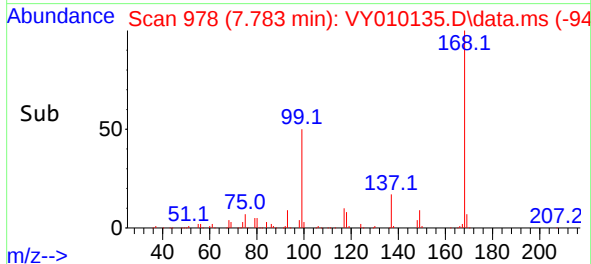
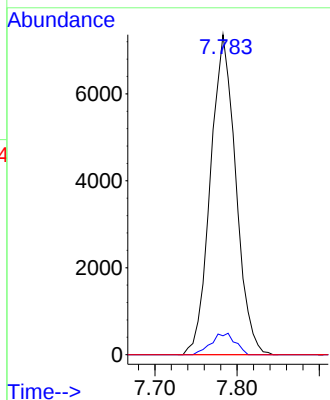
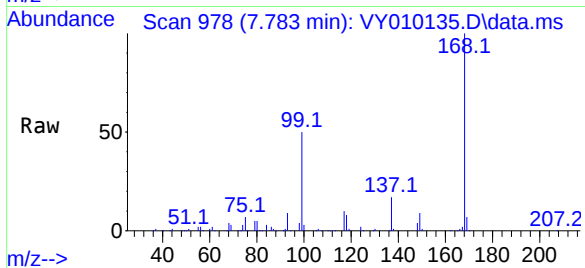




#38
Carbon Tetrachloride
Concen: 5.289 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

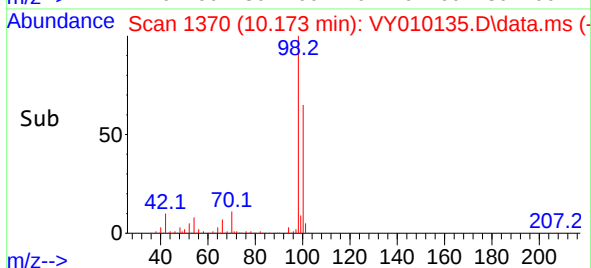
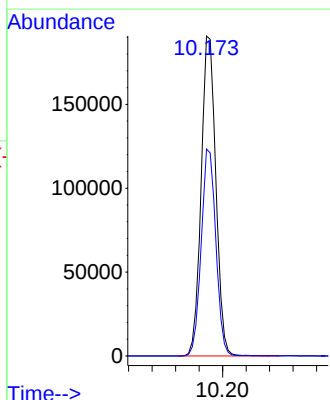
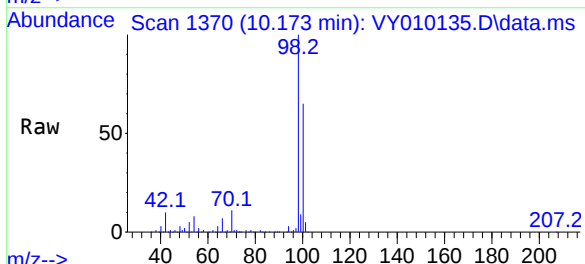
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

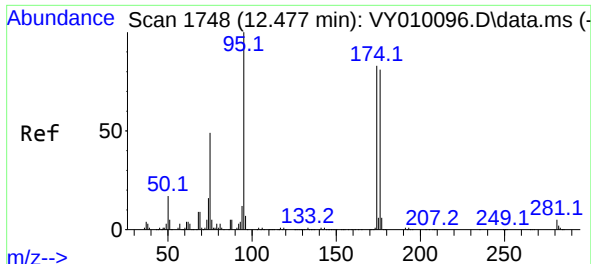
Tgt Ion:117 Resp: 15780
Ion Ratio Lower Upper
117 100
119 5.9 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.547 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 98 Resp: 330912
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

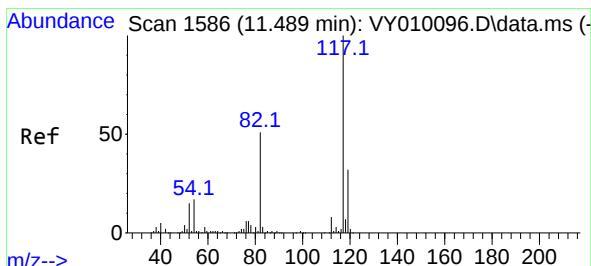
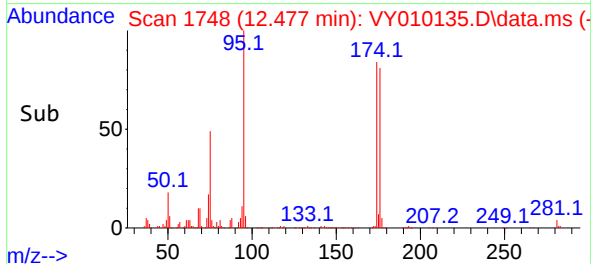
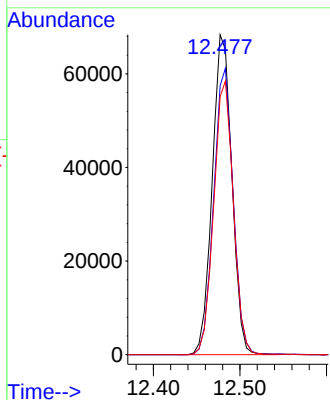
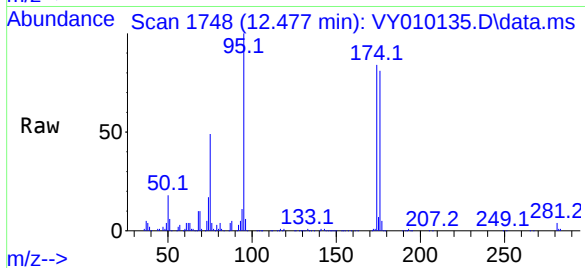




#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

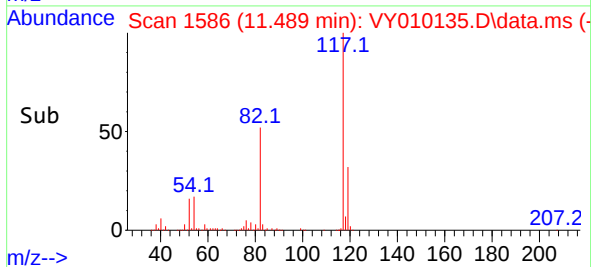
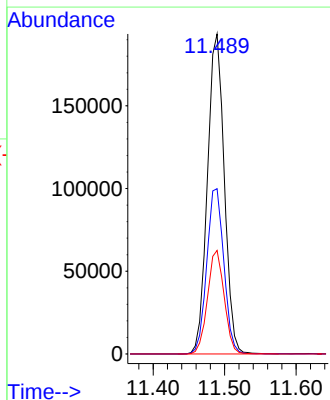
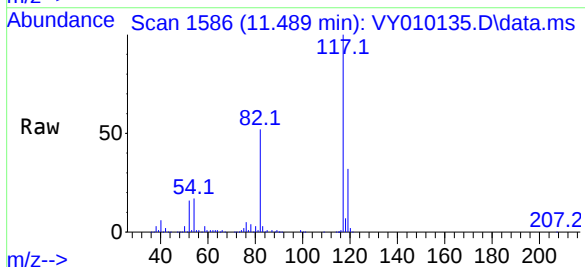
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

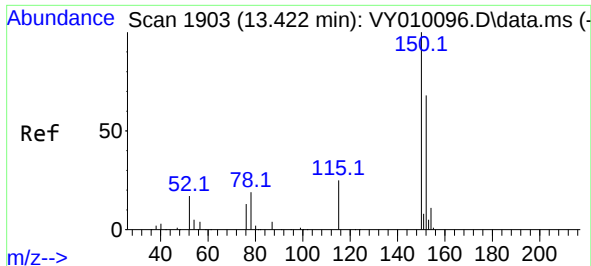
Tgt Ion: 95 Resp: 107710
Ion Ratio Lower Upper
95 100
174 88.7 0.0 173.8
176 85.5 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 117 Resp: 317071
Ion Ratio Lower Upper
117 100
82 51.6 40.6 61.0
119 32.4 25.8 38.8

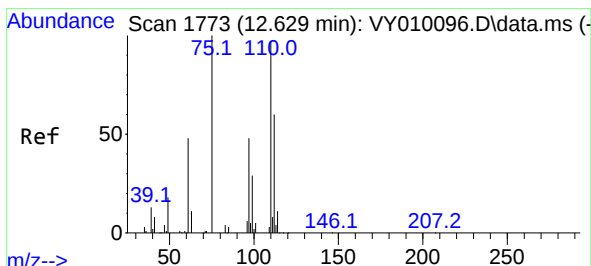
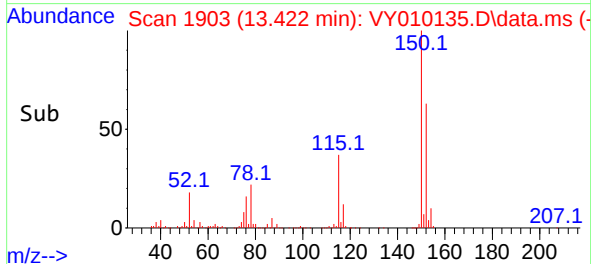
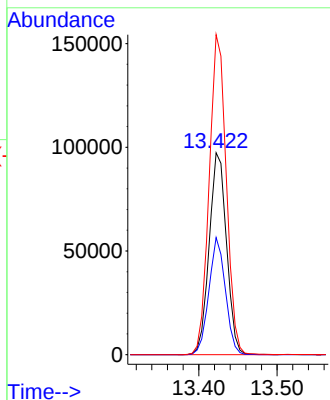
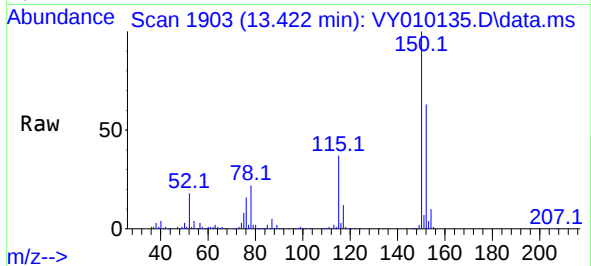




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

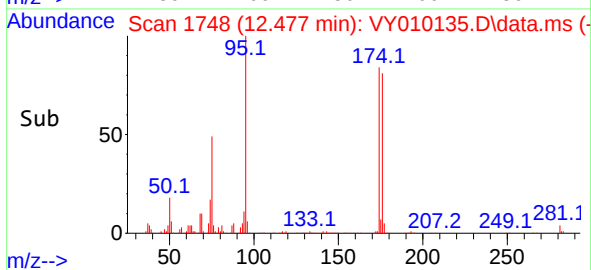
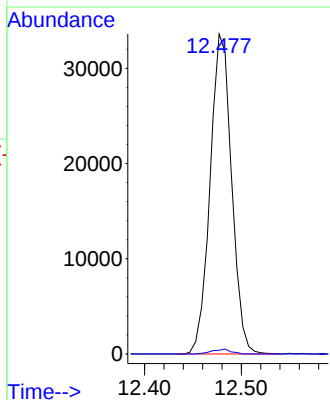
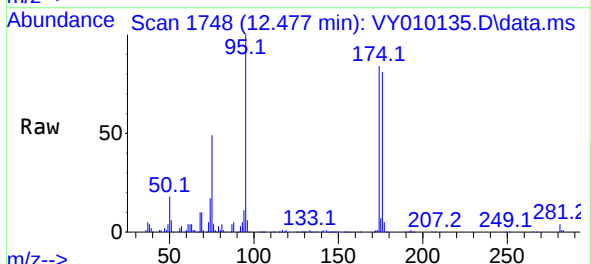
Instrument :
MSVOA_Y
ClientSampleId :
SS-3

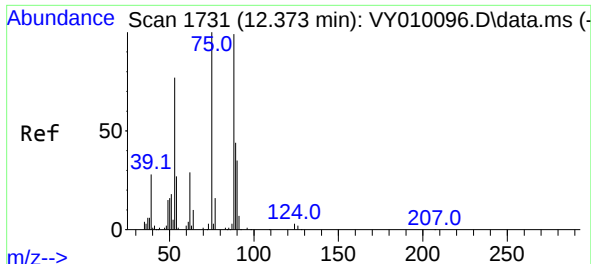
Tgt Ion:152 Resp: 149521
Ion Ratio Lower Upper
152 100
115 55.2 28.1 84.2
150 156.5 0.0 346.2



#76
1,2,3-Trichloropropane
Concen: 37.029 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 75 Resp: 51852
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

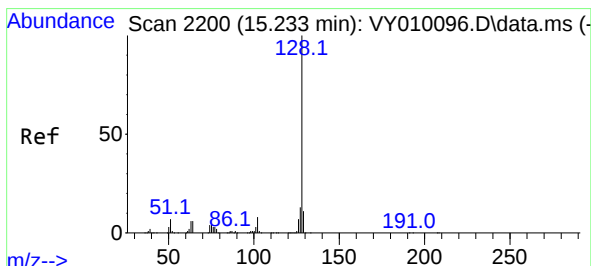
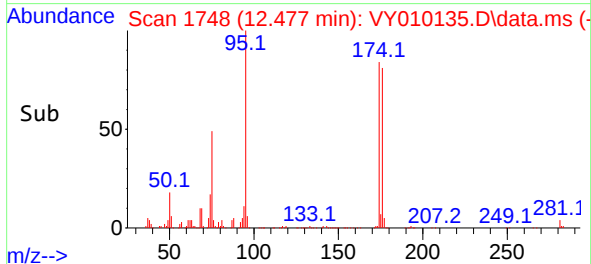
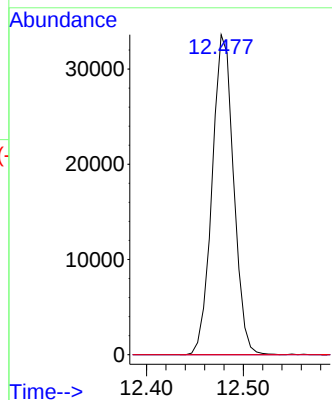
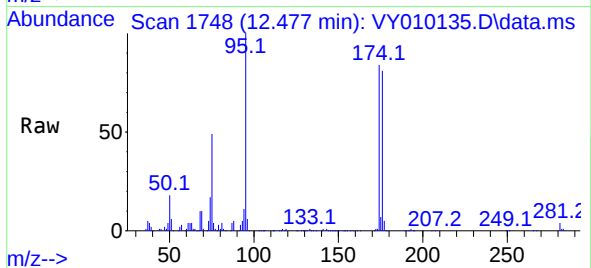




#81
trans-1,4-Dichloro-2-butene
Concen: 74.373 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

Tgt Ion: 75 Resp: 51852
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#



#95
Naphthalene
Concen: 3.914 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010135.D
Acq: 20 Aug 2022 04:46

Tgt Ion: 128 Resp: 171
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

