

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007458.D
 Acq On : 09 Feb 2022 17:20
 Operator : SY/MD
 Sample : N1469-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1A

Quant Time: Feb 10 05:37:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

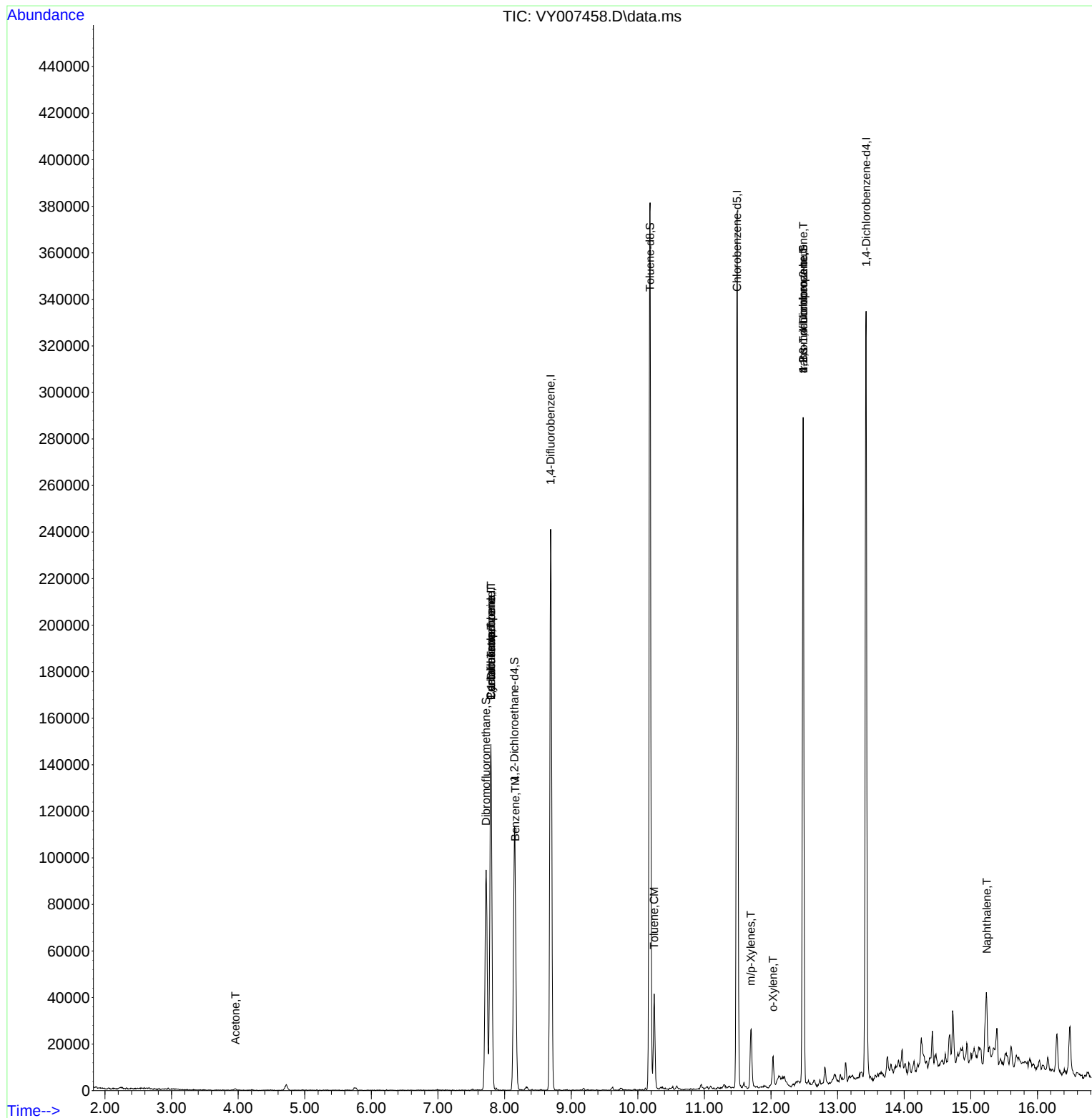
Internal Standards						
1) Pentafluorobenzene	7.795	168	108743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	73079	58.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.860%	
35) Dibromofluoromethane	7.722	113	67134	51.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.080%	
50) Toluene-d8	10.184	98	249779	51.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.483	95	87406	52.920	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	252	Below Cal	#	44
16) Acetone	3.960	43	1129	2.779	ug/l	96
20) Methylene Chloride	4.728	84	1768	Below Cal	#	73
31) Cyclohexane	7.795	56	2609	1.069	ug/l	# 37
36) 1,1-Dichloropropene	7.795	75	8903	3.872	ug/l	# 53
38) Carbon Tetrachloride	7.795	117	11833	4.898	ug/l	# 16
40) Benzene	8.160	78	34305	5.628	ug/l	98
52) Toluene	10.245	92	15570	4.054	ug/l	98
68) m/p-Xylenes	11.696	106	7350	2.379	ug/l	96
69) o-Xylene	12.032	106	3205	1.097	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	48510	50.302	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	48510	100.776	ug/l	# 7
95) Naphthalene	15.238	128	22356	6.816	ug/l	99

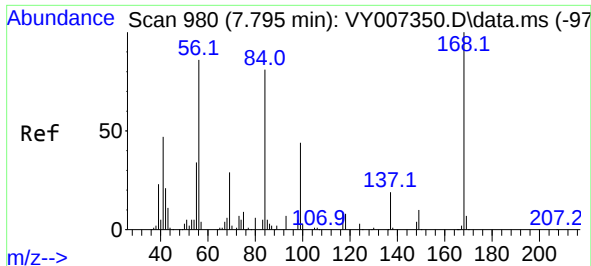
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
Data File : VY007458.D
Acq On : 09 Feb 2022 17:20
Operator : SY/MD
Sample : N1469-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Quant Time: Feb 10 05:37:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

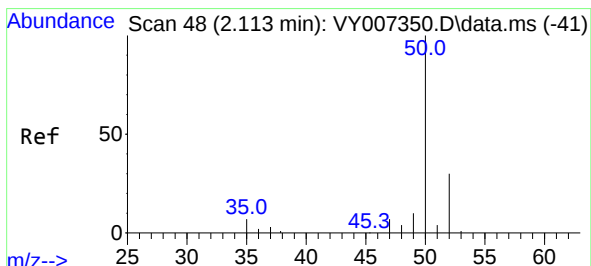
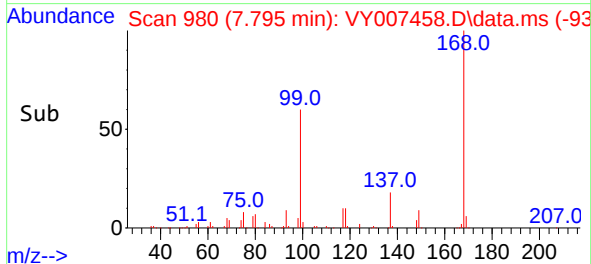
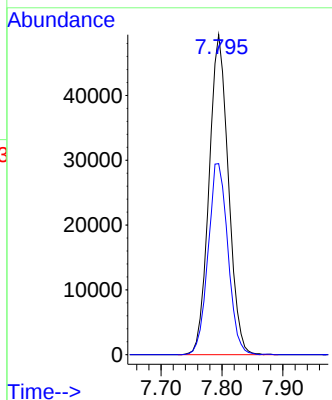
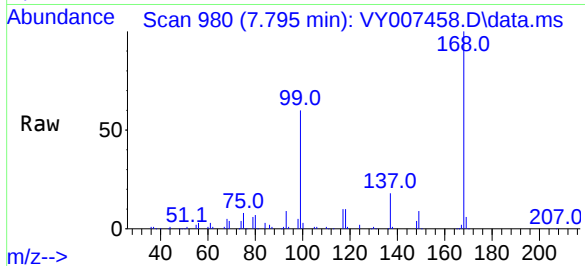




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

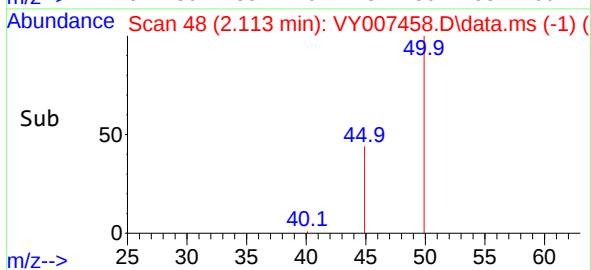
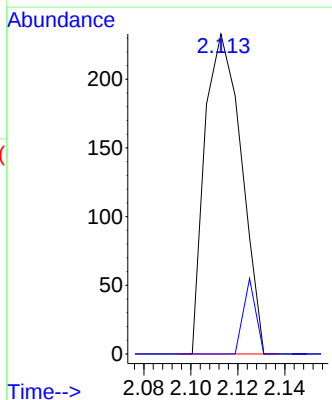
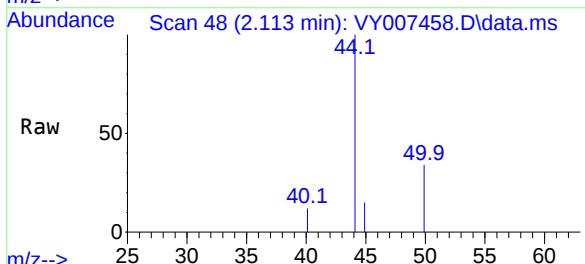
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

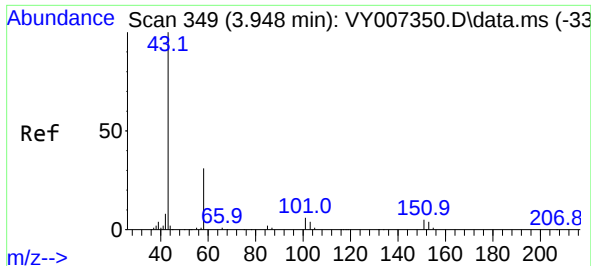
Tgt Ion:168 Resp: 108743
Ion Ratio Lower Upper
168 100
99 59.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 50 Resp: 252
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

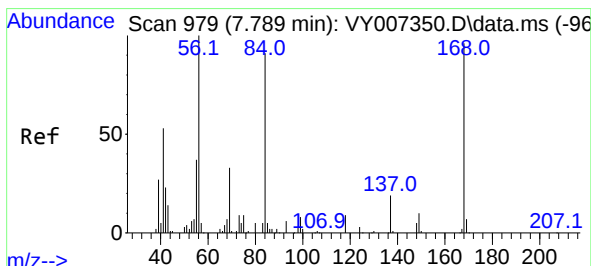
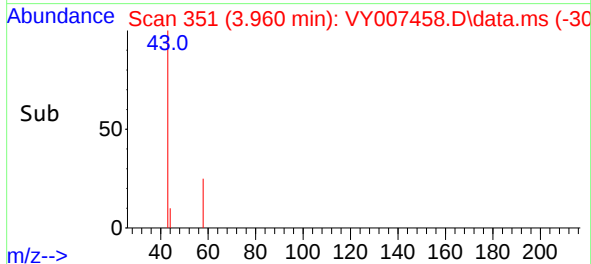
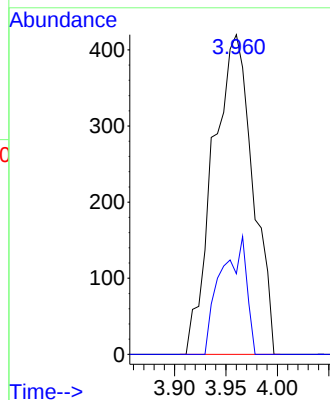
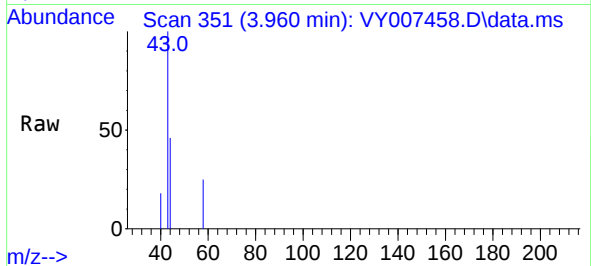




#16
Acetone
Concen: 2.779 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

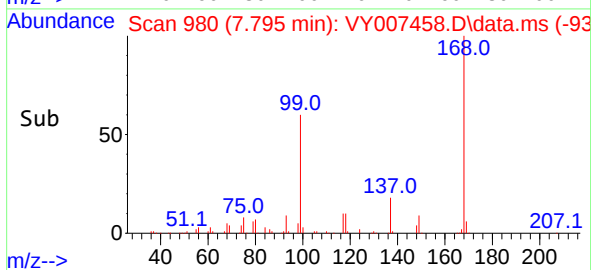
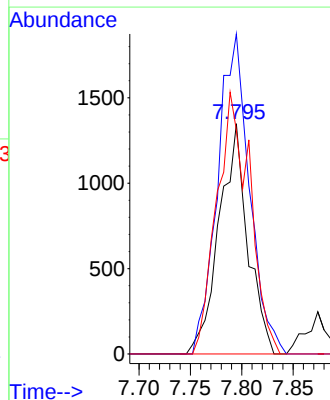
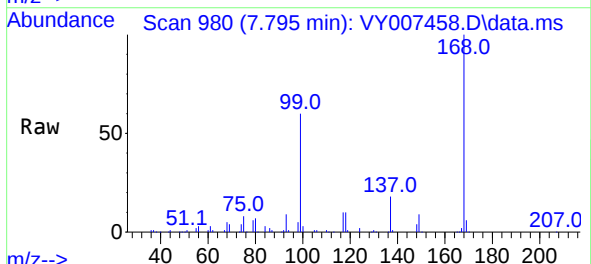
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

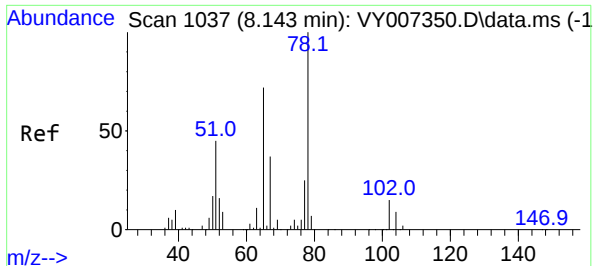
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 25.2 22.0 33.0



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 56 Resp: 2609
Ion Ratio Lower Upper
56 100
69 139.0 26.7 40.1#
84 97.3 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 58.425 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007458.D

Acq: 09 Feb 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

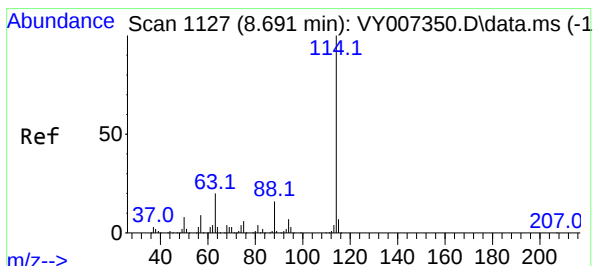
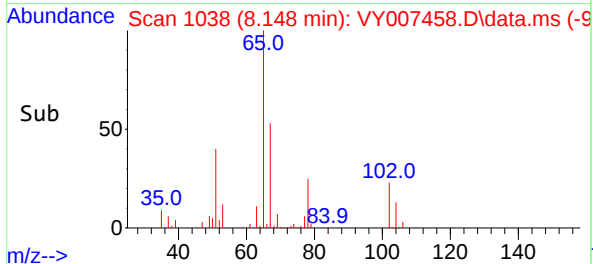
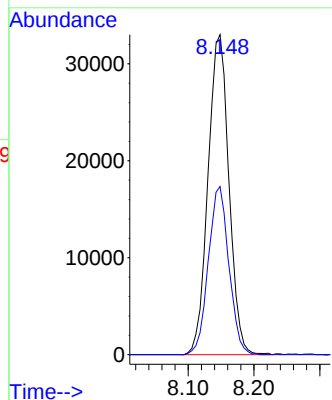
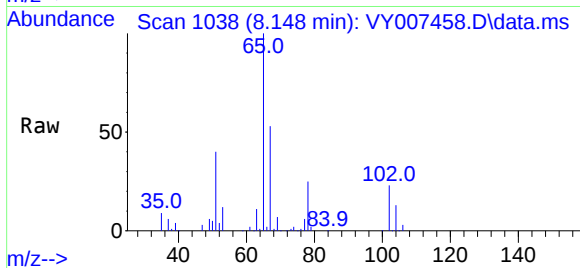
B-1A

Tgt Ion: 65 Resp: 73079

Ion Ratio Lower Upper

65 100

67 51.6 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: VY007458.D

Acq: 09 Feb 2022 17:20

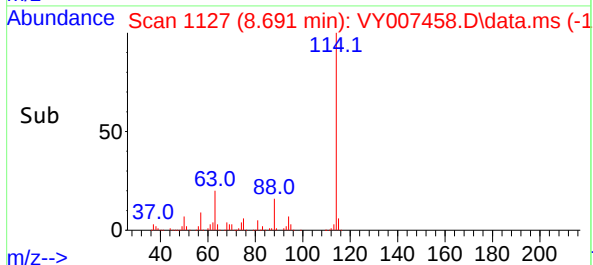
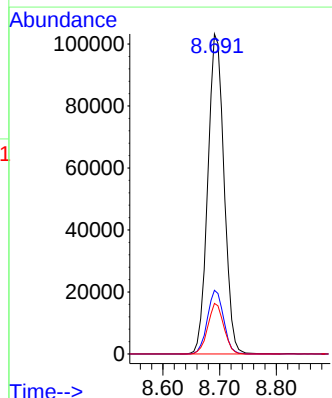
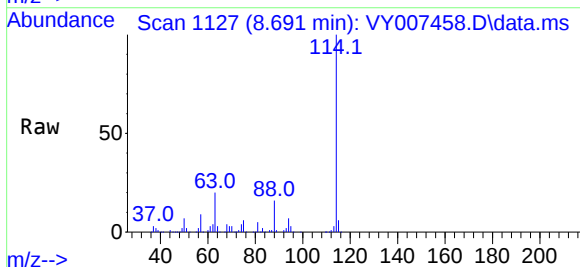
Tgt Ion: 114 Resp: 204832

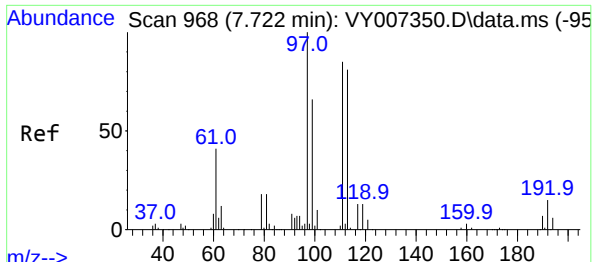
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.8 0.0 31.8

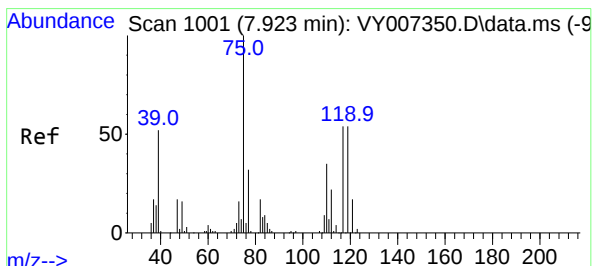
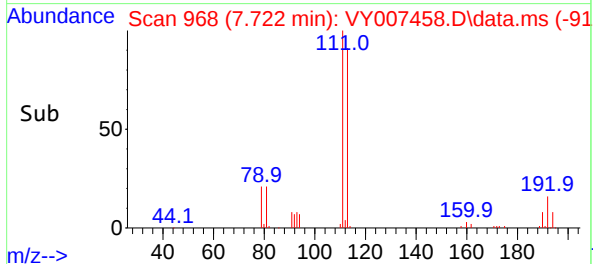
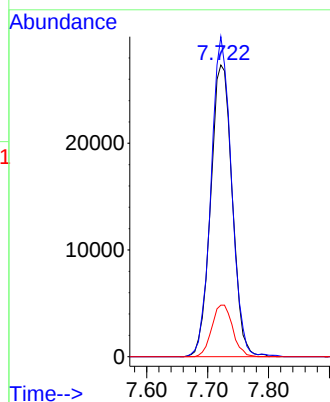
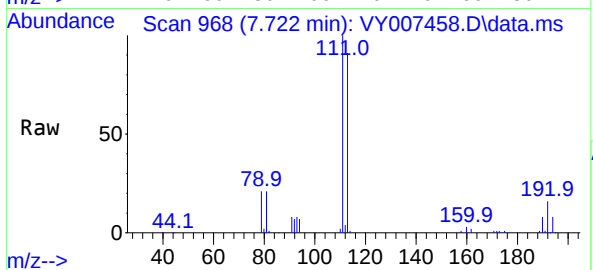




#35
Dibromofluoromethane
Concen: 51.041 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

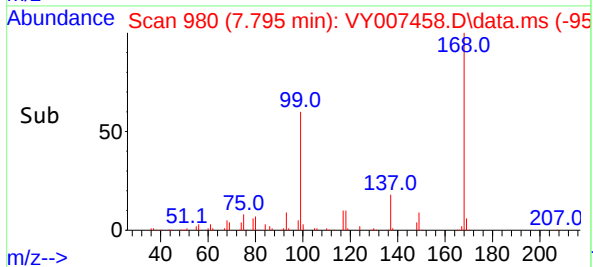
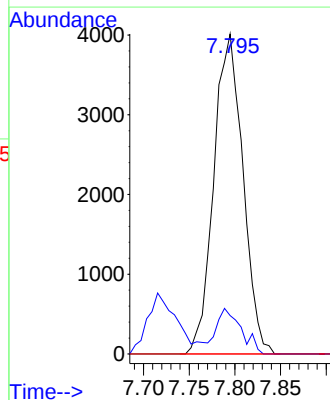
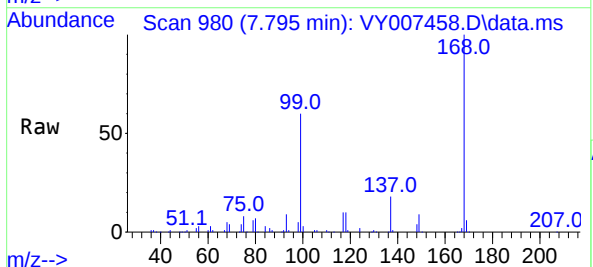
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

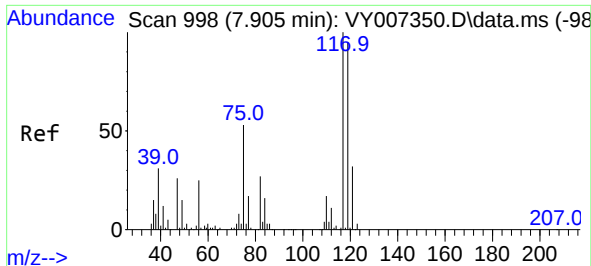
Tgt Ion:113 Resp: 67134
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 17.1 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.872 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 75 Resp: 8903
Ion Ratio Lower Upper
75 100
110 11.9 17.1 51.2#
77 0.0 24.4 36.6#

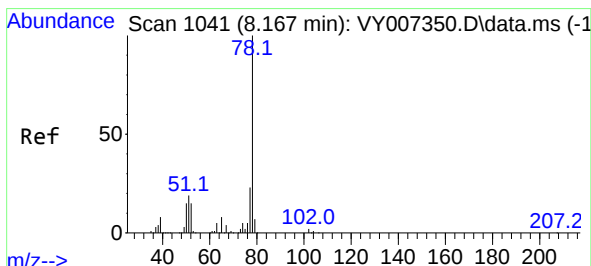
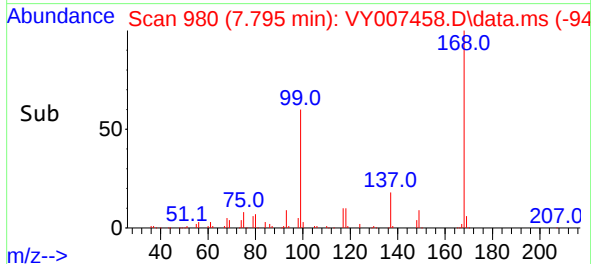
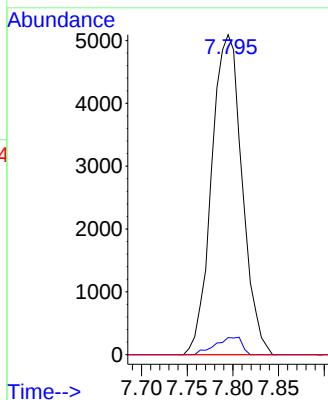
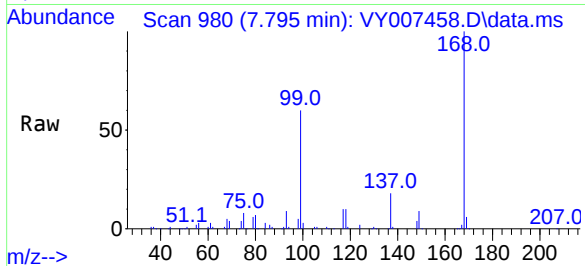




#38
Carbon Tetrachloride
Concen: 4.898 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

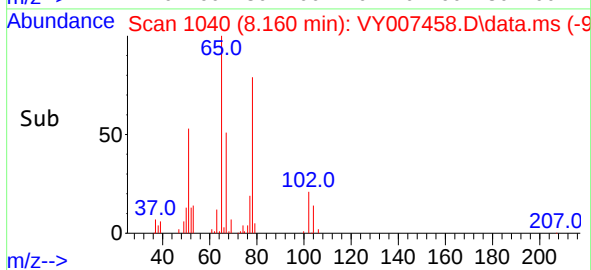
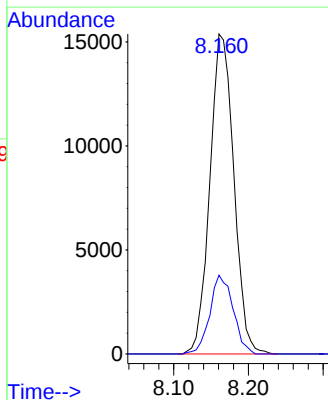
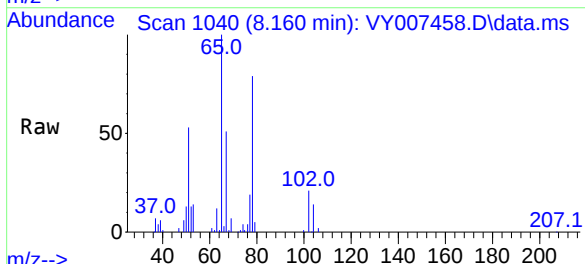
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

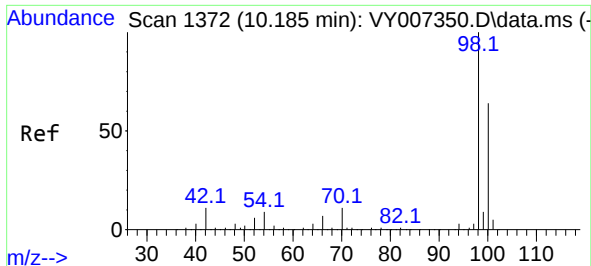
Tgt Ion:117 Resp: 11833
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 5.628 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 78 Resp: 34305
Ion Ratio Lower Upper
78 100
77 24.6 20.4 30.6

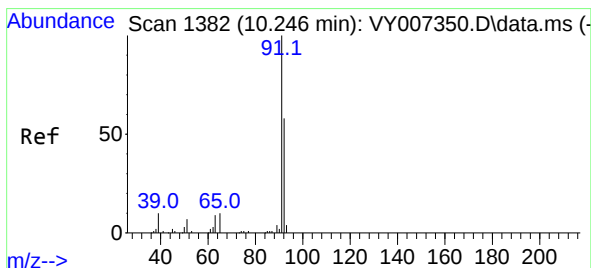
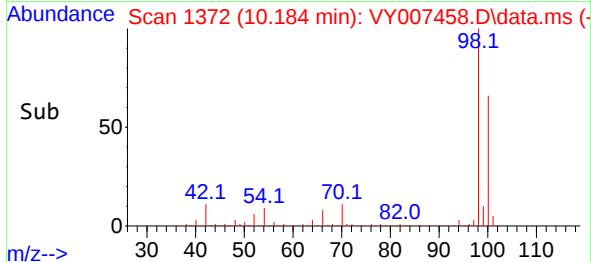
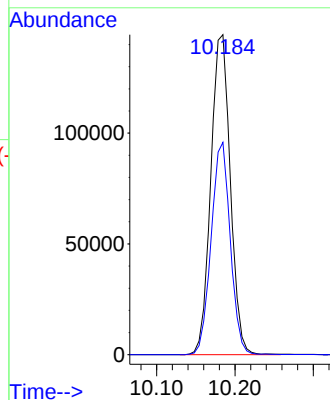
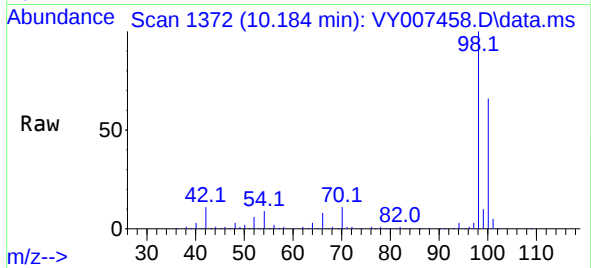




#50
Toluene-d8
Concen: 51.401 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

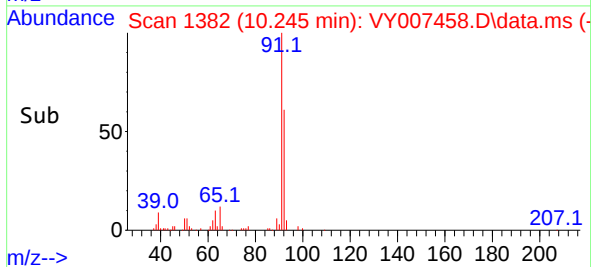
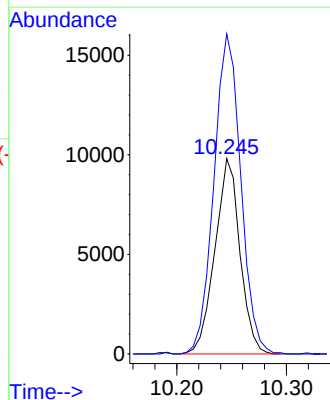
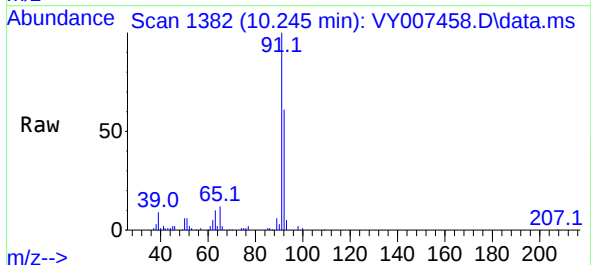
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

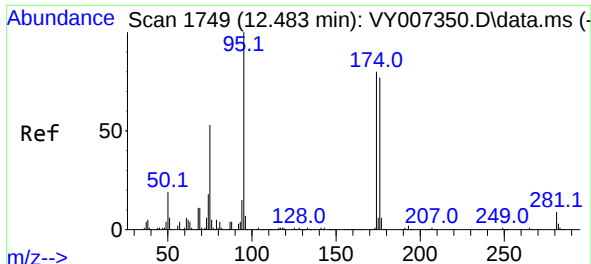
Tgt Ion: 98 Resp: 249779
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#52
Toluene
Concen: 4.054 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 92 Resp: 15570
Ion Ratio Lower Upper
92 100
91 175.9 142.6 213.8

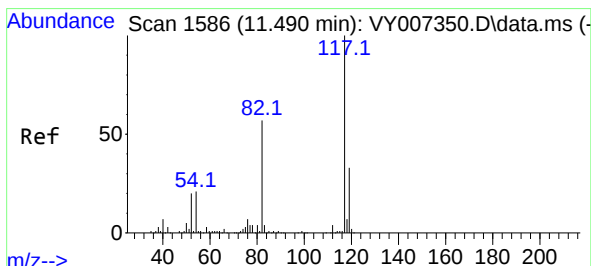
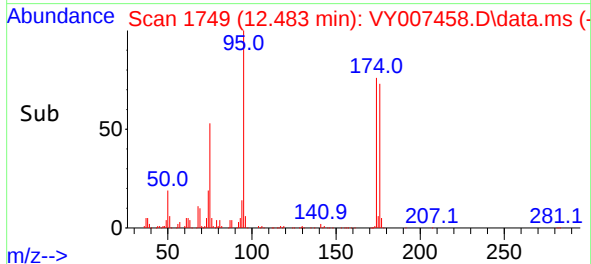
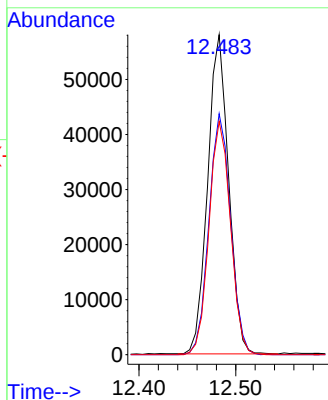
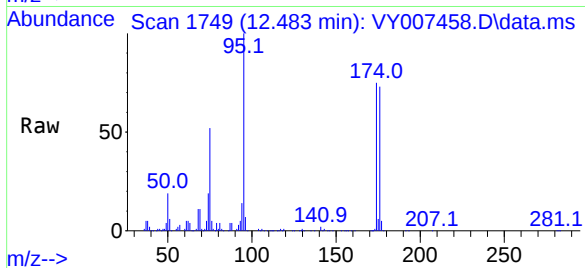




#62
4-Bromofluorobenzene
Concen: 52.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

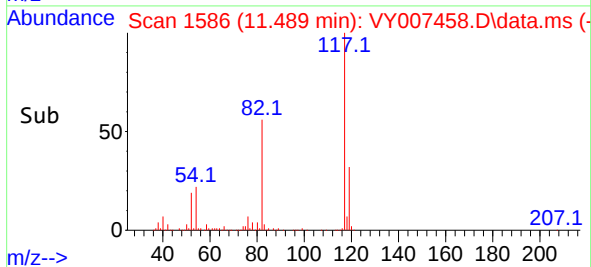
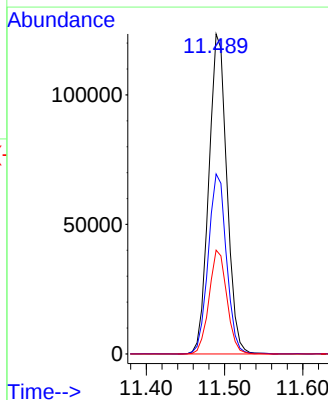
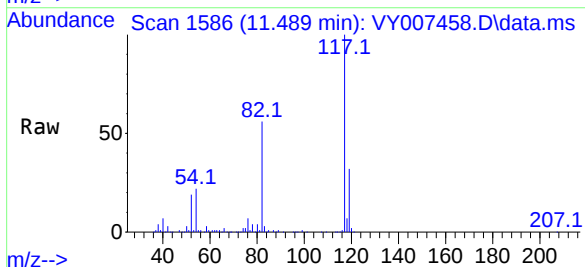
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

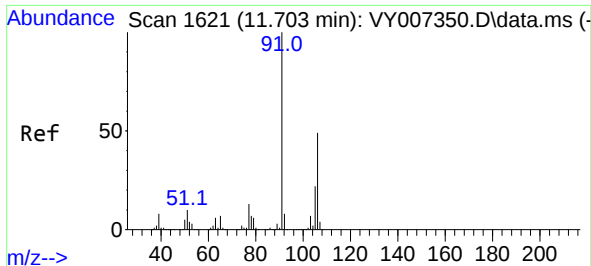
Tgt Ion: 95 Resp: 87406
Ion Ratio Lower Upper
95 100
174 78.0 0.0 177.0
176 74.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 117 Resp: 197613
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.4 25.4 38.0

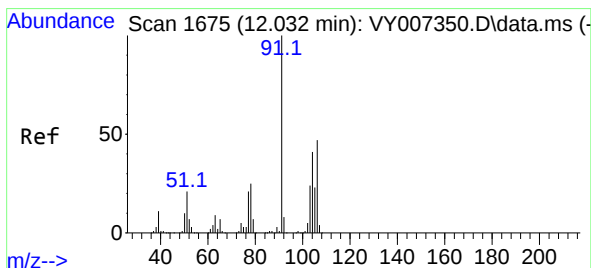
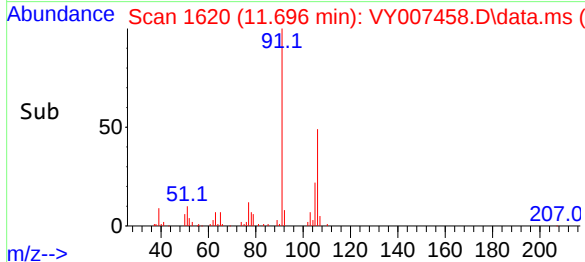
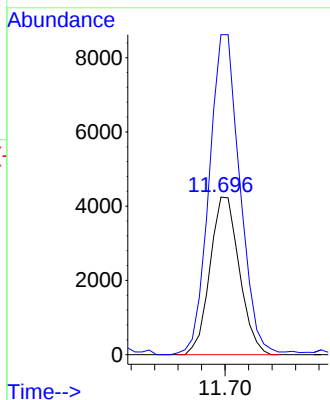
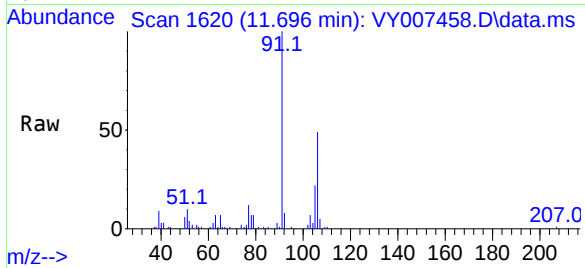




#68
m/p-Xylenes
Concen: 2.379 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

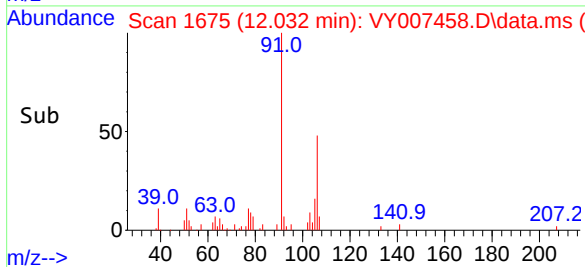
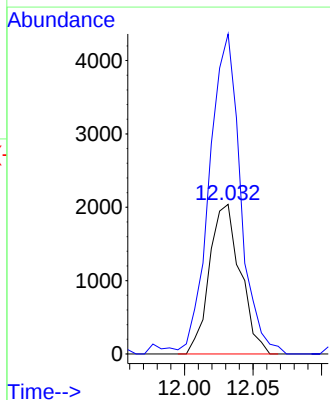
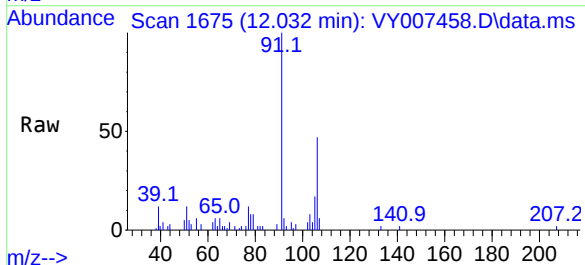
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

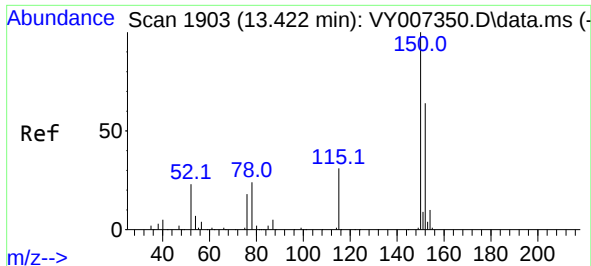
Tgt Ion:106 Resp: 7350
Ion Ratio Lower Upper
106 100
91 213.8 166.6 249.8



#69
o-Xylene
Concen: 1.097 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion:106 Resp: 3205
Ion Ratio Lower Upper
106 100
91 214.9 110.3 331.0

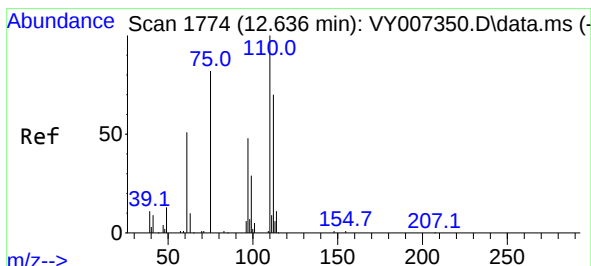
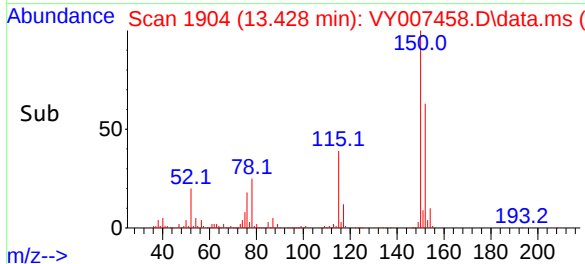
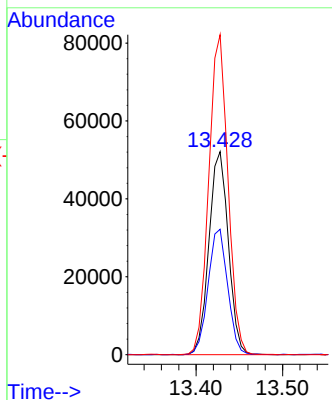
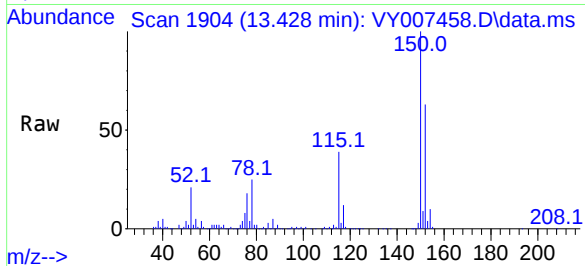




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

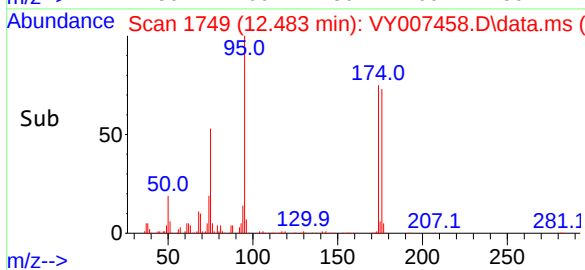
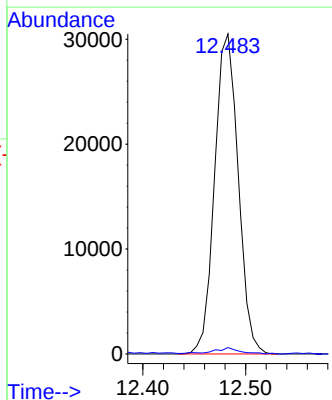
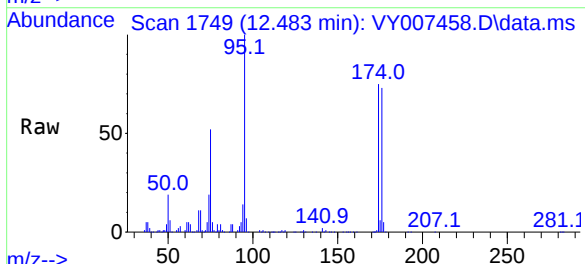
Instrument :
MSVOA_Y
ClientSampleId :
B-1A

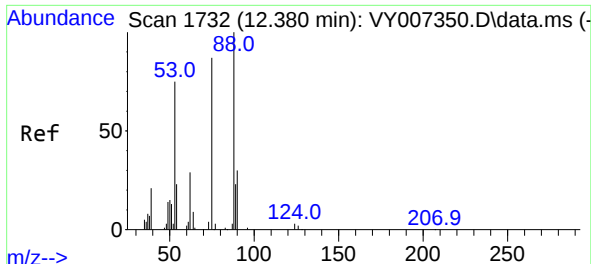
Tgt Ion:152 Resp: 81121
Ion Ratio Lower Upper
152 100
115 62.6 28.2 84.7
150 156.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 50.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion: 75 Resp: 48510
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#

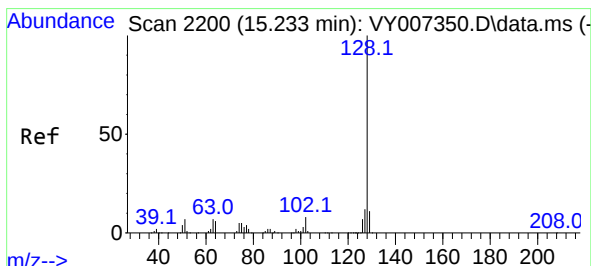
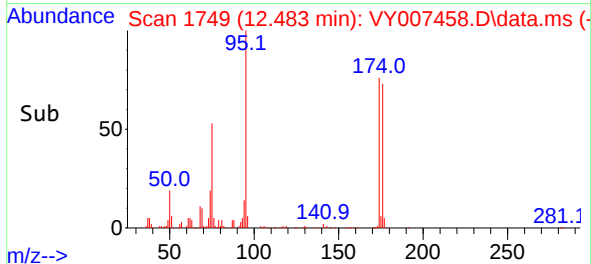
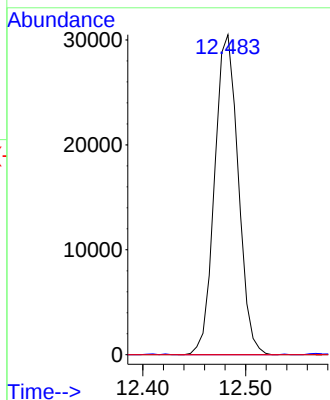
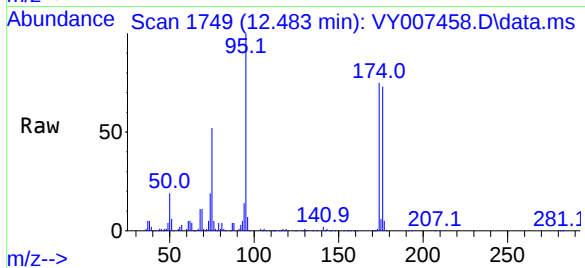




#81
trans-1,4-Dichloro-2-butene
Concen: 100.776 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Instrument :
MSVOA_Y
ClientSampleId :
B-1A

Tgt Ion: 75 Resp: 48510
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 6.816 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007458.D
Acq: 09 Feb 2022 17:20

Tgt Ion:128 Resp: 22356
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.5 8.4 12.6

