

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007457.D
 Acq On : 09 Feb 2022 16:56
 Operator : SY/MD
 Sample : N1455-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Feb 10 05:37:19 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)

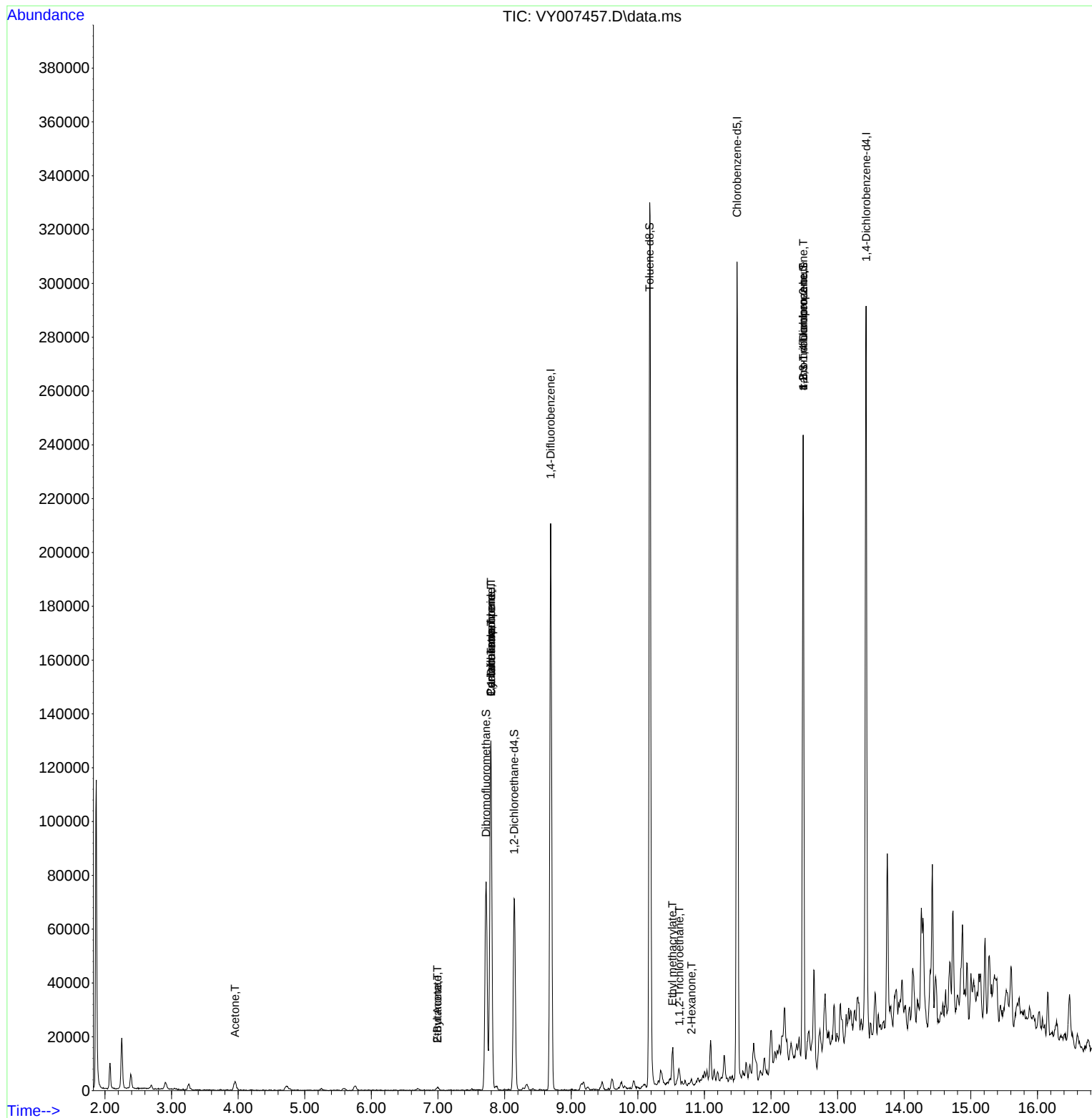
Internal Standards						
1) Pentafluorobenzene	7.795	168	95029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57860	52.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.860%	
35) Dibromofluoromethane	7.722	113	55544	48.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.820%	
50) Toluene-d8	10.179	98	215082	51.259	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.483	95	72106	50.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	225	Below Cal	#	44
16) Acetone	3.954	43	5648	15.910	ug/l	96
20) Methylene Chloride	4.722	84	1038	Below Cal		90
25) 2-Butanone	6.990	43	1935	4.511	ug/l	99
31) Cyclohexane	7.795	56	2281	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7839	3.948	ug/l #	52
37) Ethyl Acetate	6.990	43	1935	1.960	ug/l #	72
38) Carbon Tetrachloride	7.795	117	10594	5.079	ug/l #	15
55) 1,1,2-Trichloroethane	10.624	97	2601	2.565	ug/l #	24
56) Ethyl methacrylate	10.520	69	1517	1.077	ug/l #	41
59) 2-Hexanone	10.807	43	1439	2.108	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	38529	48.805	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38529	97.777	ug/l #	8

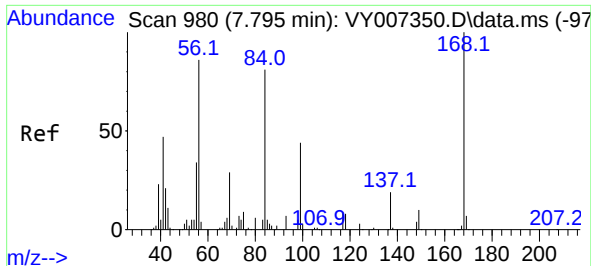
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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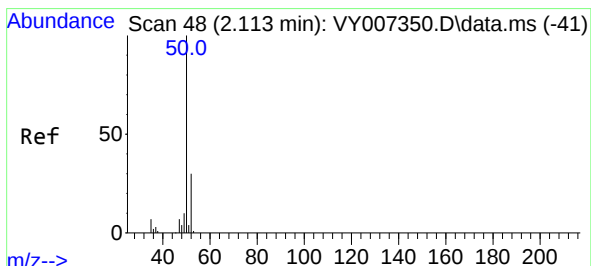
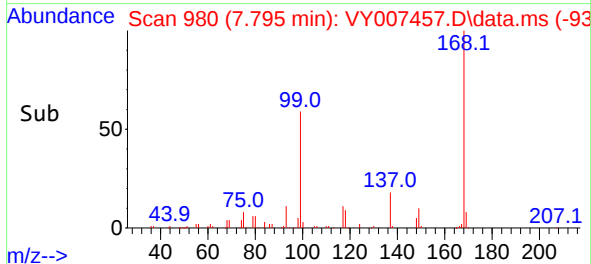
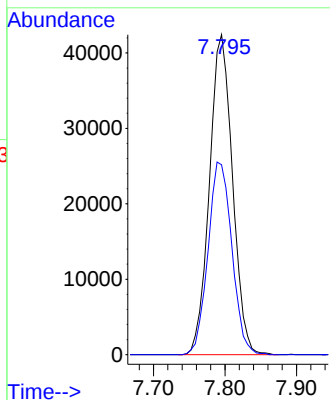
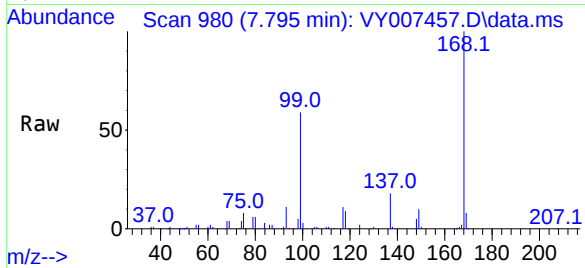




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

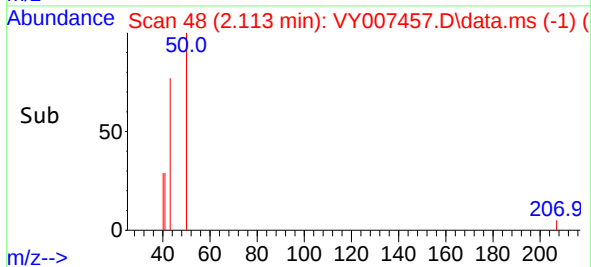
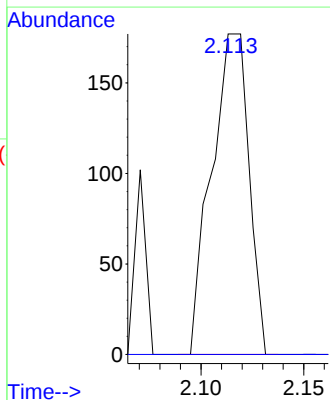
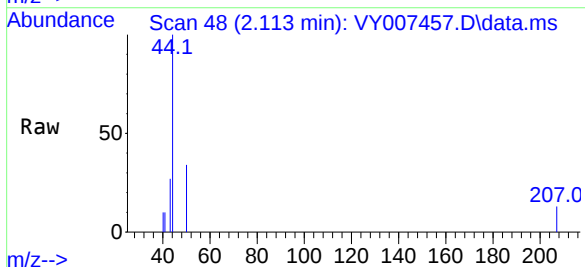
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

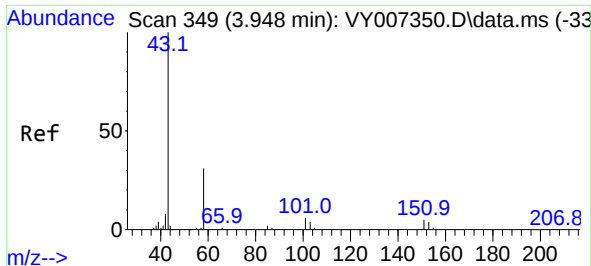
Tgt Ion:168 Resp: 95029
Ion Ratio Lower Upper
168 100
99 59.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 50 Resp: 225
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

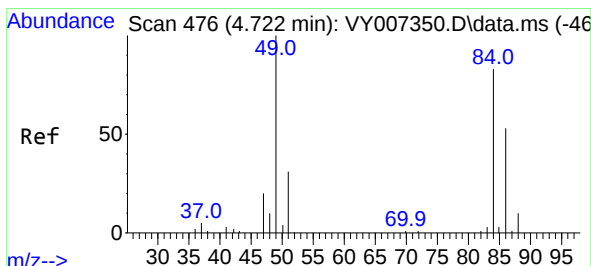
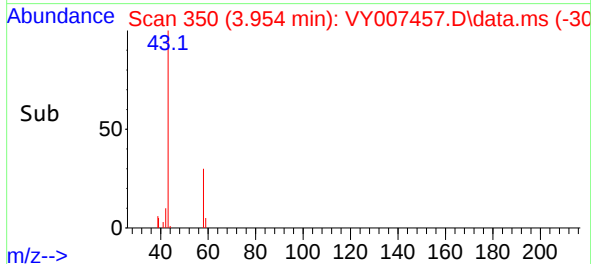
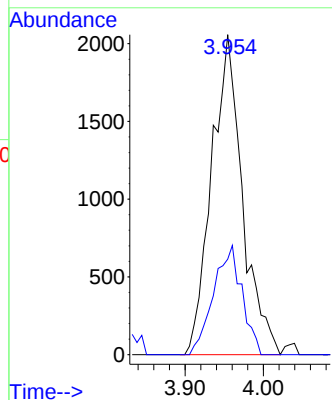
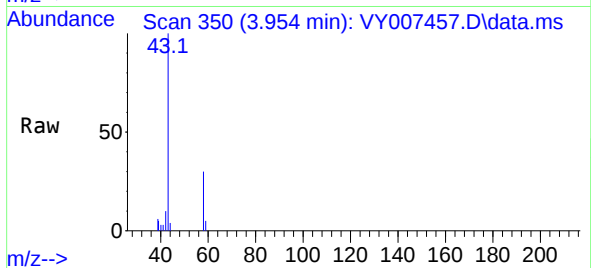




#16
Acetone
Concen: 15.910 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

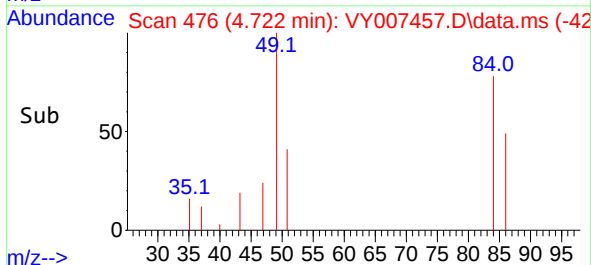
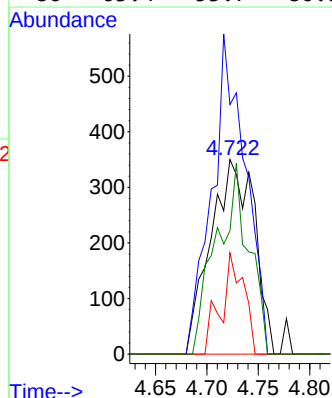
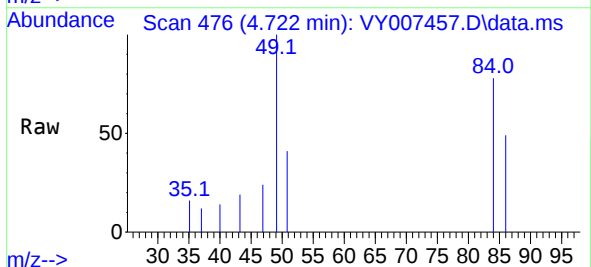
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

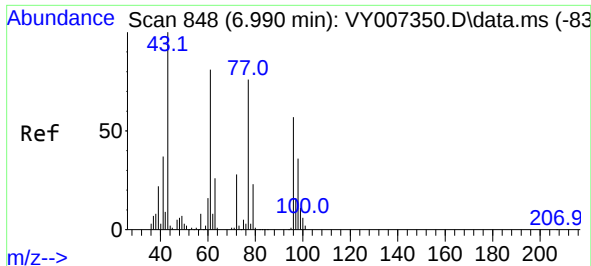
Tgt Ion: 43 Resp: 5648
Ion Ratio Lower Upper
43 100
58 29.8 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
49 128.3 114.4 171.6
51 52.0 35.3 52.9
86 63.4 53.7 80.5

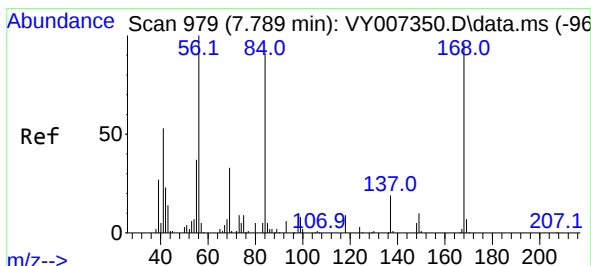
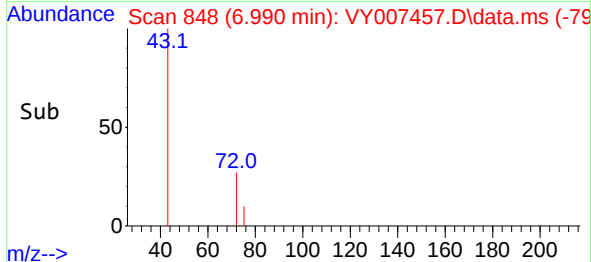
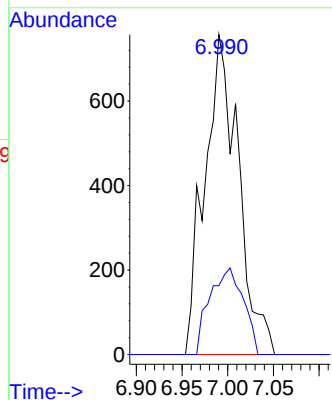
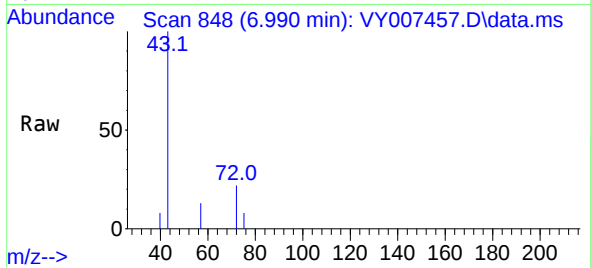




#25
2-Butanone
Concen: 4.511 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

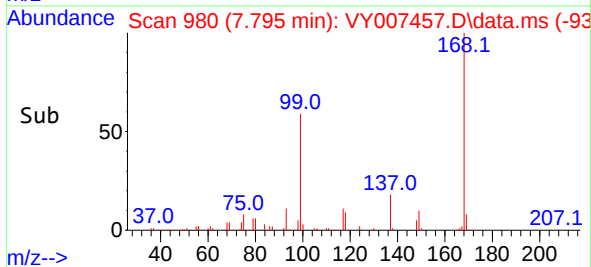
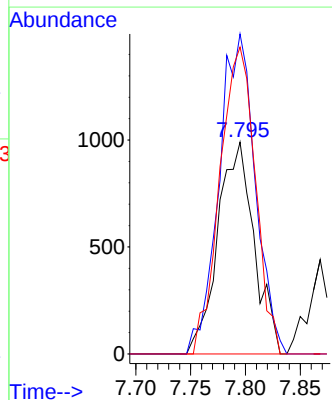
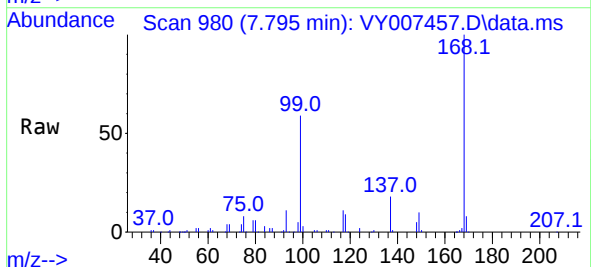
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

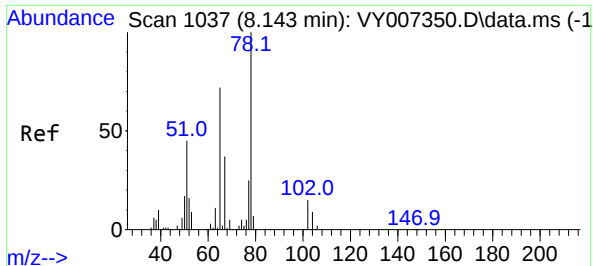
Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
72 21.5 17.7 26.5



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 56 Resp: 2281
Ion Ratio Lower Upper
56 100
69 151.1 26.7 40.1#
84 144.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.934 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007457.D

Acq: 09 Feb 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

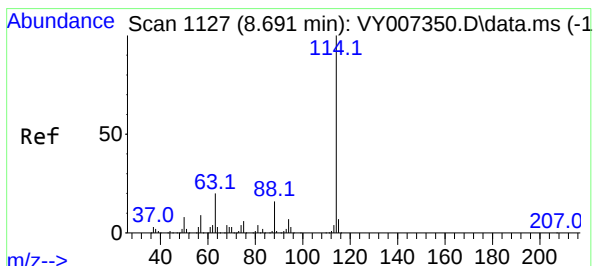
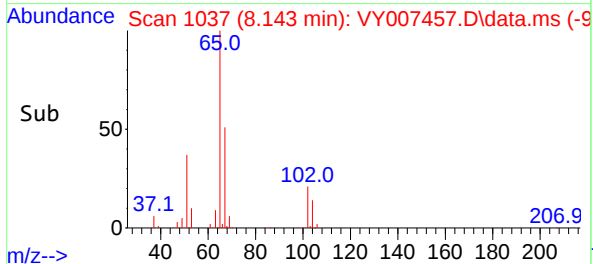
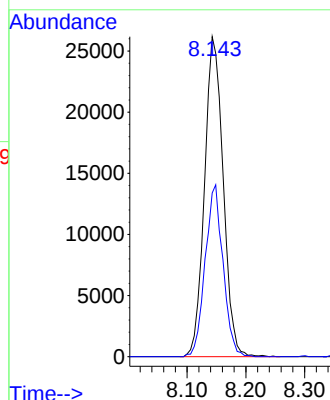
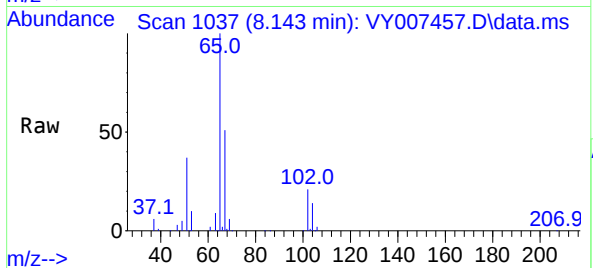
TP-5

Tgt Ion: 65 Resp: 57860

Ion Ratio Lower Upper

65 100

67 51.3 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: VY007457.D

Acq: 09 Feb 2022 16:56

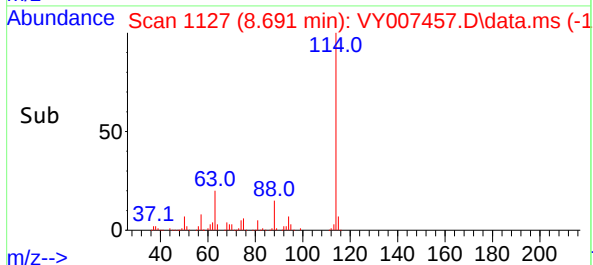
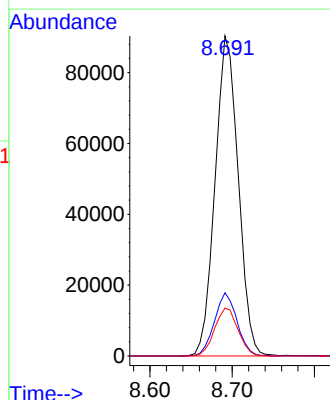
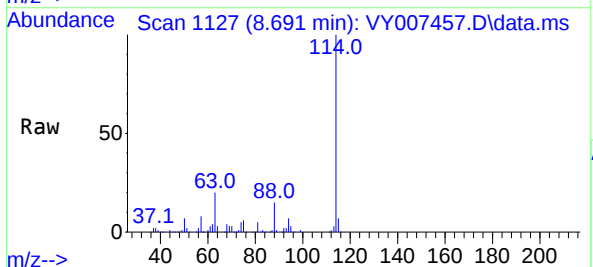
Tgt Ion: 114 Resp: 176867

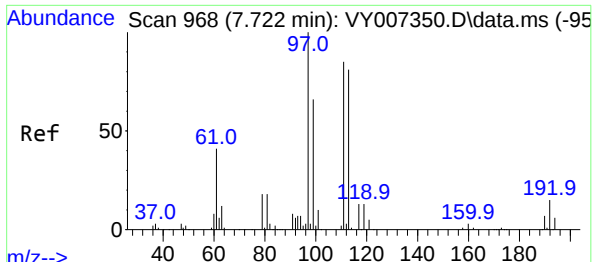
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.9 0.0 31.8

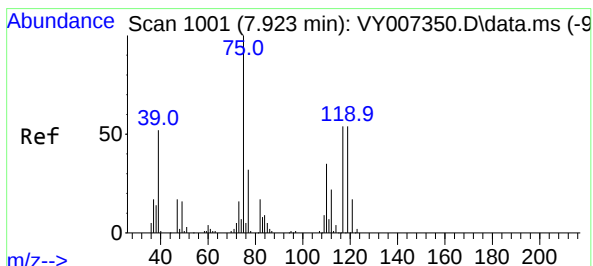
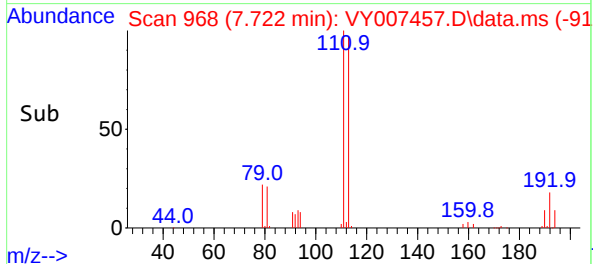
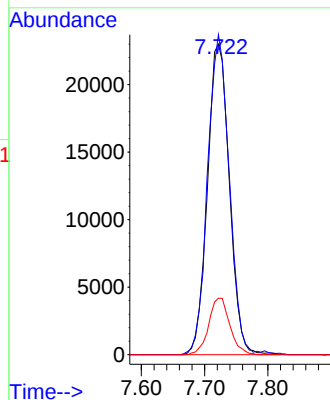
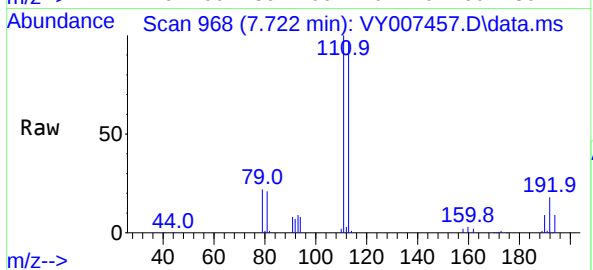




#35
Dibromofluoromethane
Concen: 48.906 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

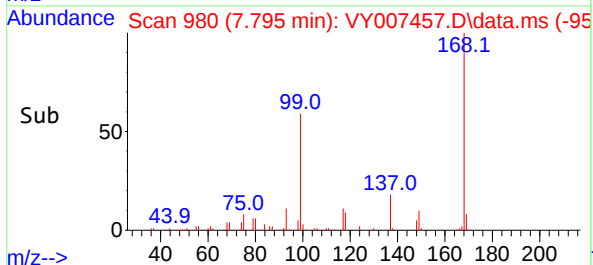
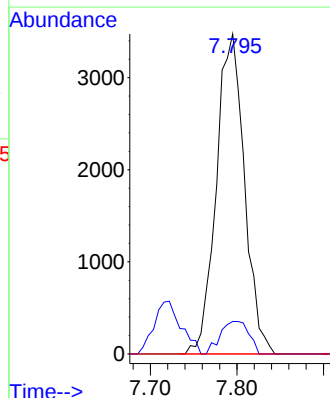
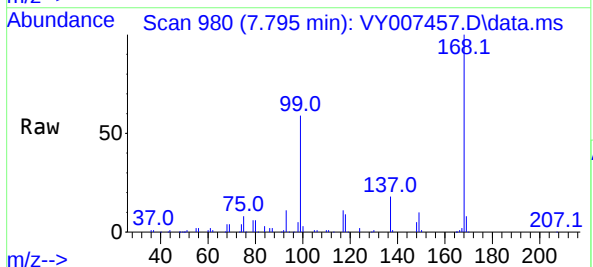
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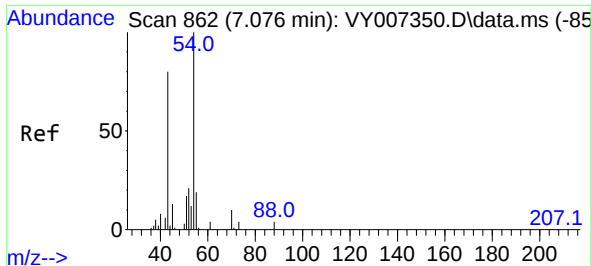
Tgt Ion:113 Resp: 55544
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 17.6 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.948 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 75 Resp: 7839
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.960 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY007457.D

Acq: 09 Feb 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-5

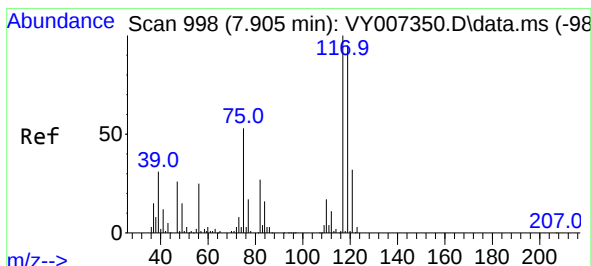
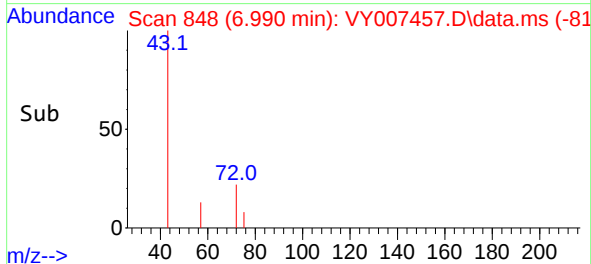
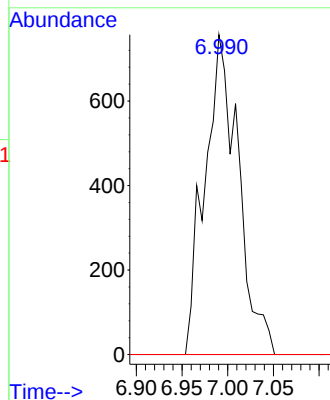
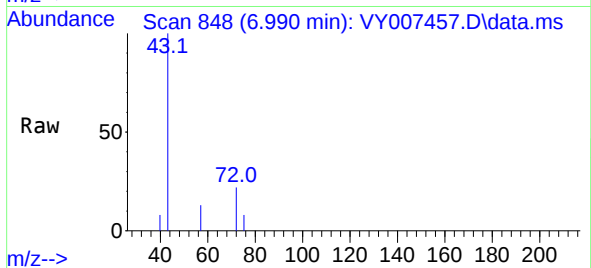
Tgt Ion: 43 Resp: 1935

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.079 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007457.D

Acq: 09 Feb 2022 16:56

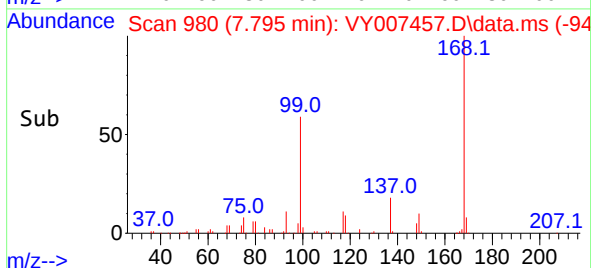
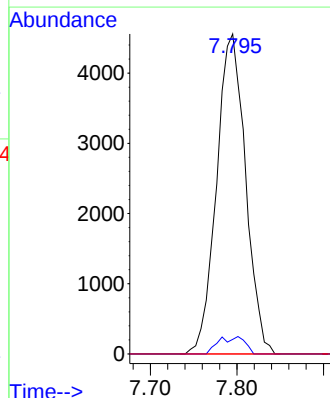
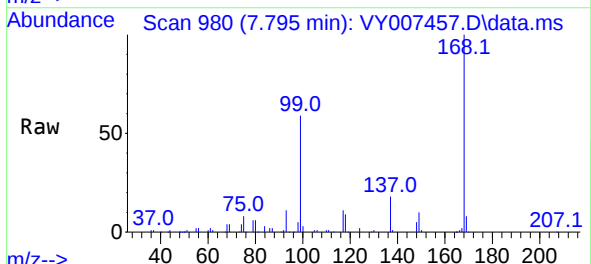
Tgt Ion: 117 Resp: 10594

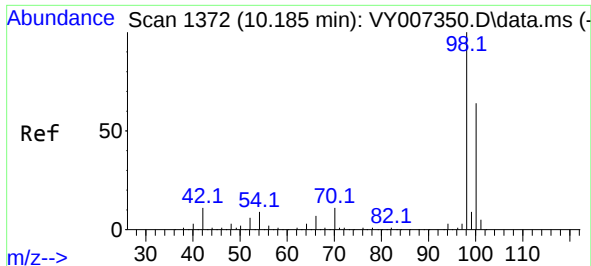
Ion Ratio Lower Upper

117 100

119 4.5 77.9 116.9#

121 0.0 24.8 37.2#

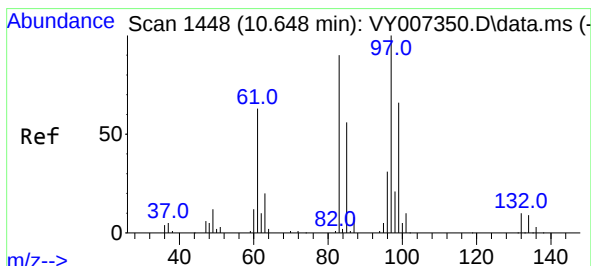
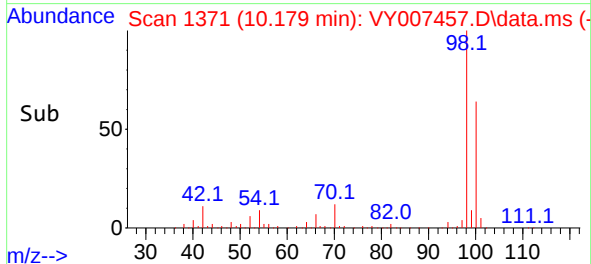
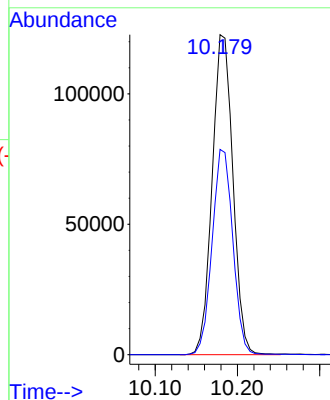
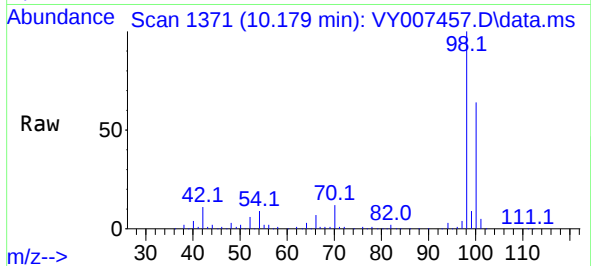




#50
Toluene-d8
Concen: 51.259 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

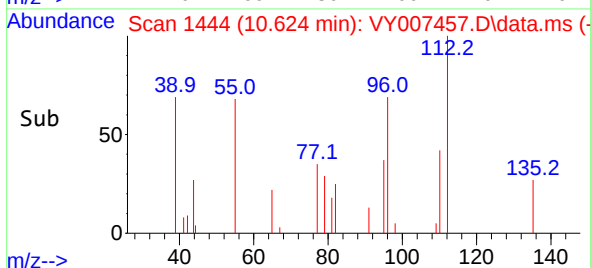
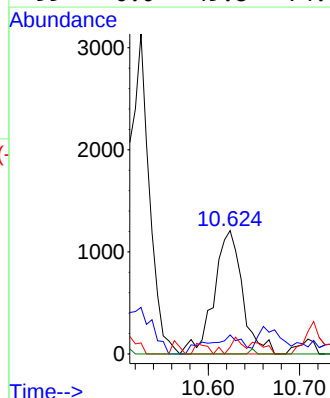
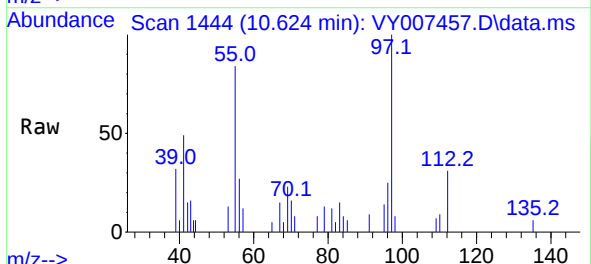
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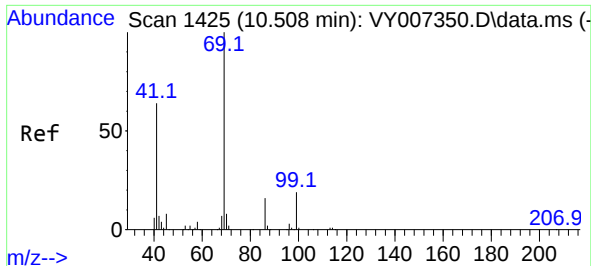
Tgt Ion: 98 Resp: 215082
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 2.565 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 97 Resp: 2601
Ion Ratio Lower Upper
97 100
83 15.4 69.8 104.8#
85 5.6 44.3 66.5#
99 0.0 49.8 74.6#

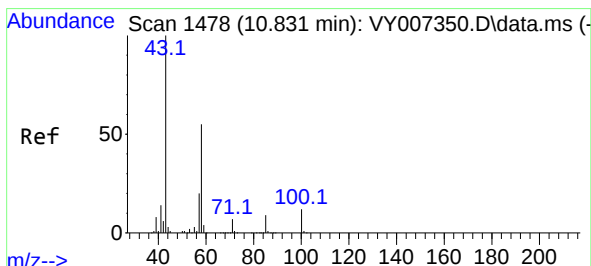
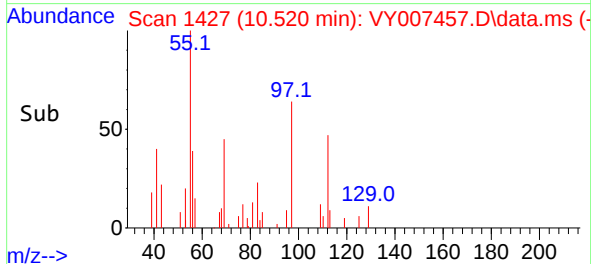
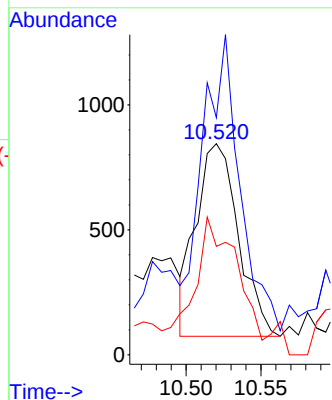
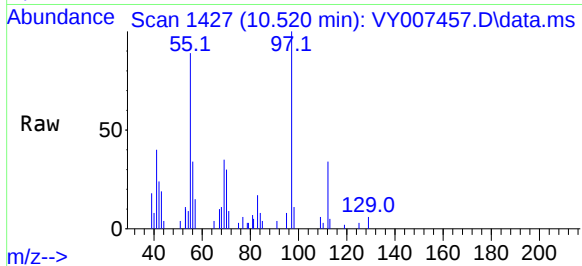




#56
Ethyl methacrylate
Concen: 1.077 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

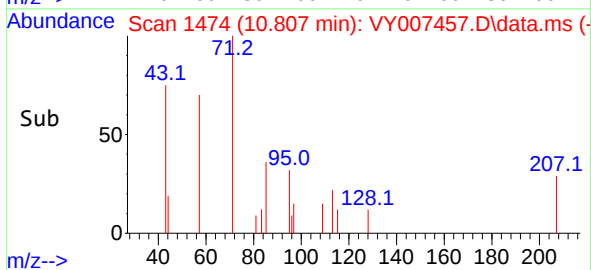
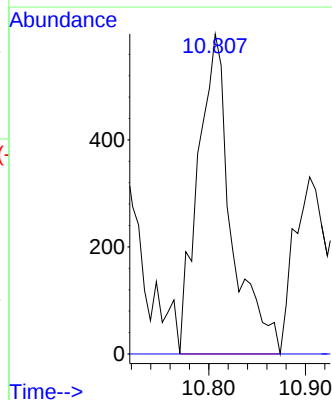
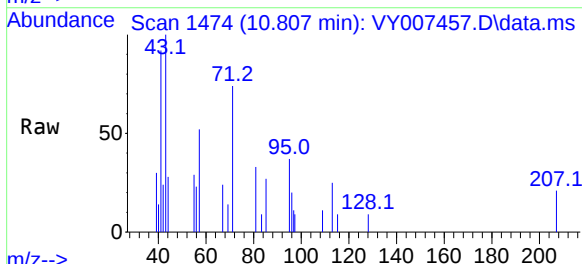
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

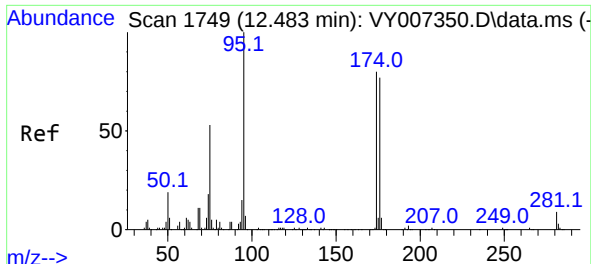
Tgt Ion: 69 Resp: 1517
Ion Ratio Lower Upper
69 100
41 133.8 63.4 95.0#
39 80.5 35.8 53.8#



#59
2-Hexanone
Concen: 2.108 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.024 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

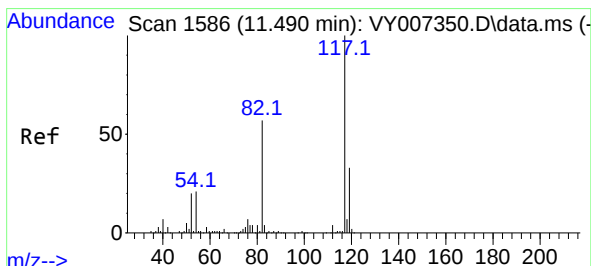
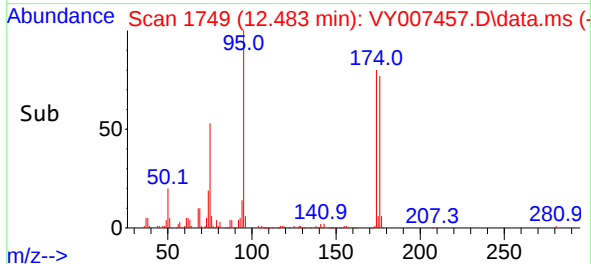
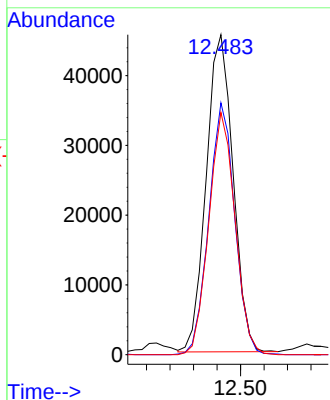
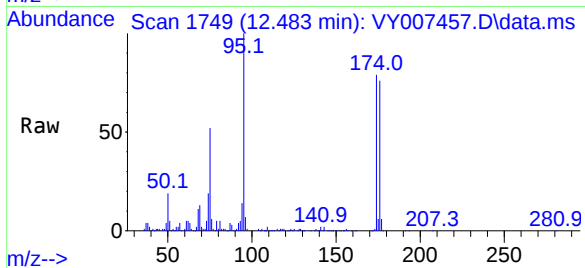




#62
4-Bromofluorobenzene
Concen: 50.559 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

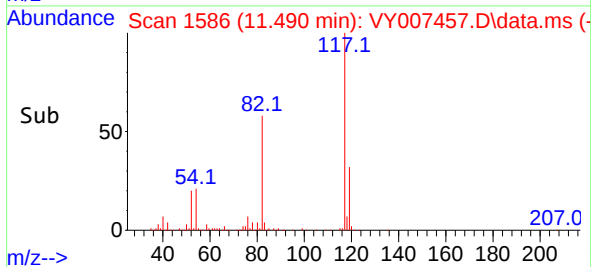
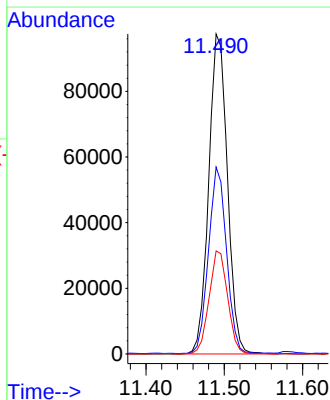
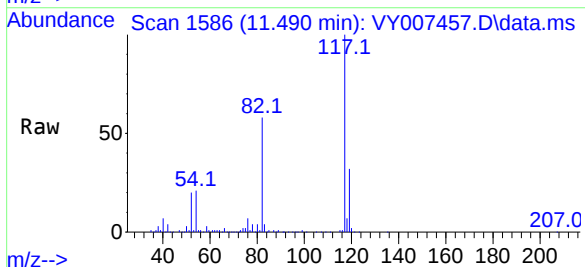
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

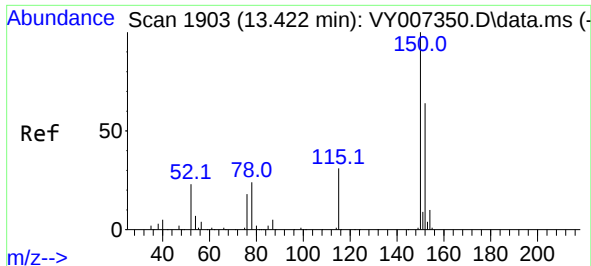
Tgt Ion: 95 Resp: 72106
Ion Ratio Lower Upper
95 100
174 76.9 0.0 177.0
176 74.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007457.D
Acq: 09 Feb 2022 16:56

Tgt Ion: 117 Resp: 161272
Ion Ratio Lower Upper
117 100
82 58.3 43.0 64.4
119 32.2 25.4 38.0

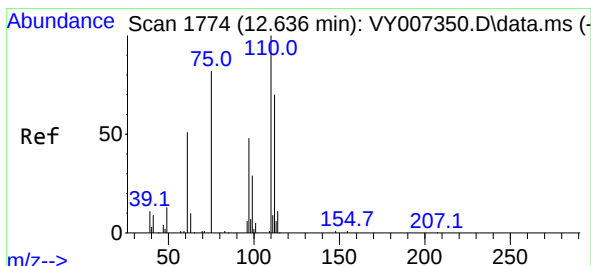
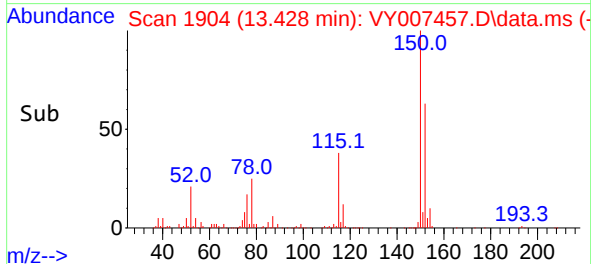
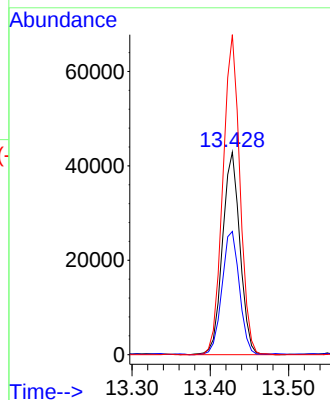
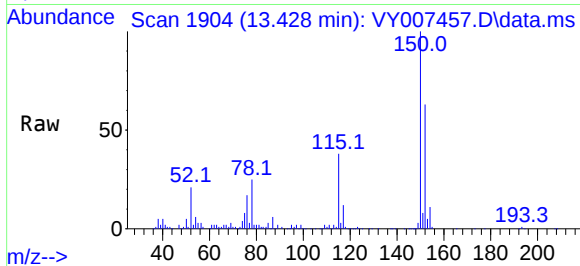




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007457.D
 Acq: 09 Feb 2022 16:56

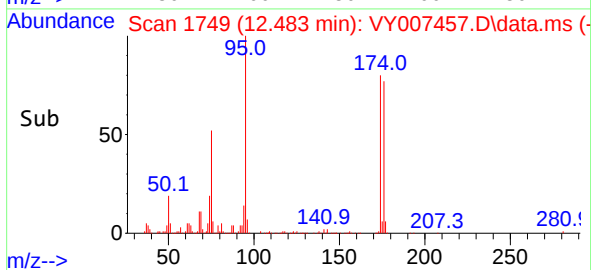
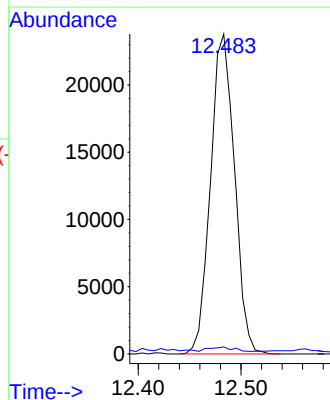
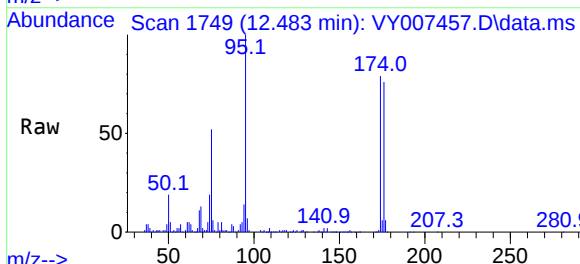
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

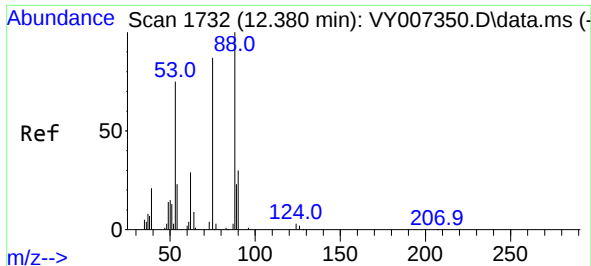
Tgt Ion:152 Resp: 66406
 Ion Ratio Lower Upper
 152 100
 115 61.2 28.2 84.7
 150 154.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.805 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007457.D
 Acq: 09 Feb 2022 16:56

Tgt Ion: 75 Resp: 38529
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.777 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007457.D
 Acq: 09 Feb 2022 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Tgt Ion: 75 Resp: 38529
 Ion Ratio Lower Upper
 75 100
 53 0.8 85.3 127.9#
 89 0.1 37.0 55.4#

