

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007546.D
 Acq On : 18 Feb 2022 15:41
 Operator : SY/MD
 Sample : N1580-07RE
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

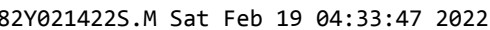
Instrument :
 MSVOA_Y
 ClientSampleId :
 D-7

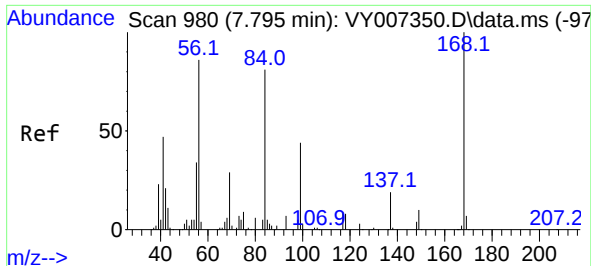
Quant Time: Feb 19 04:33:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	72329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	123359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43921	55.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.000%	
35) Dibromofluoromethane	7.716	113	41768	51.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.179	98	152665	49.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.477	95	55743	53.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.040%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	194	Below Cal	#	44
5) Bromomethane	2.668	94	126	Below Cal	#	78
16) Acetone	3.948	43	244	1.152	ug/l #	47
18) Methyl Acetate	4.698	43	593	2.495	ug/l #	56
31) Cyclohexane	7.789	56	2273	1.610	ug/l #	42
36) 1,1-Dichloropropene	7.789	75	5307	4.050	ug/l #	52
38) Carbon Tetrachloride	7.789	117	7717	5.183	ug/l #	18
39) Methylcyclohexane	9.179	83	7952	4.675	ug/l	88
43) Isopropyl Acetate	8.258	43	1416	1.178	ug/l #	56
48) Methyl methacrylate	9.325	41	1180	2.215	ug/l #	57
51) 4-Methyl-2-Pentanone	10.112	43	3436	5.754	ug/l	91
55) 1,1,2-Trichloroethane	10.618	97	9852	13.965	ug/l #	22
56) Ethyl methacrylate	10.514	69	3908	4.119	ug/l #	27
59) 2-Hexanone	10.800	43	8049	18.671	ug/l #	35
74) N-amyl acetate	12.117	43	14855	14.116	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.562	83	2503	3.144	ug/l	96
76) 1,2,3-Trichloropropane	12.477	75	29126	48.043	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29126	99.854	ug/l #	9
90) Hexachloroethane	13.971	117	1441	1.846	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.373	75	205	1.517	ug/l #	20

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

Quant Time: Feb 19 04:33:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration

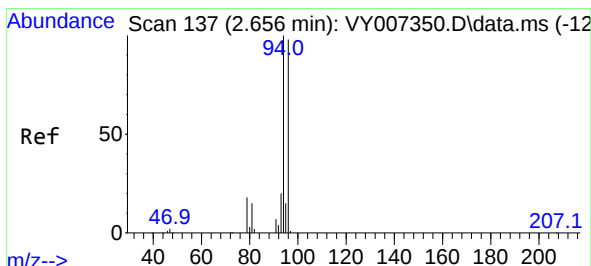
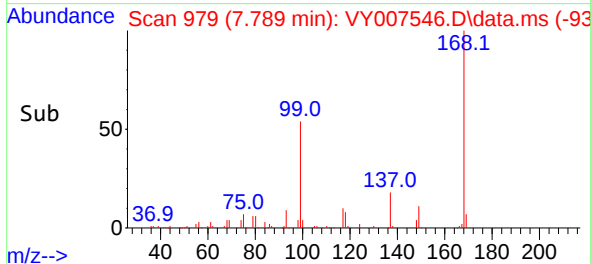
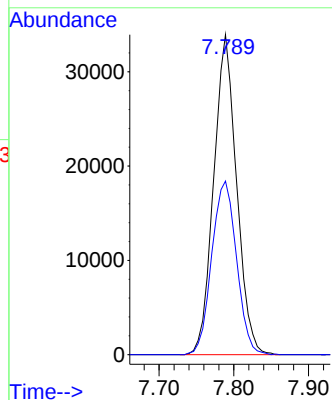
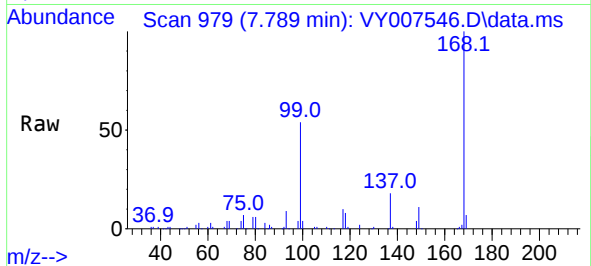




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

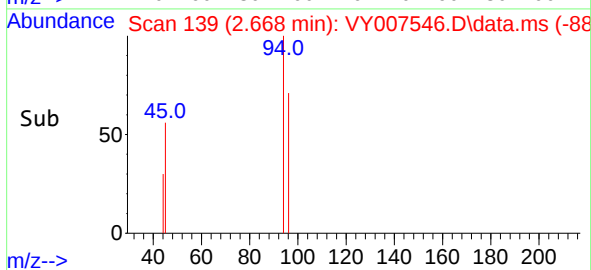
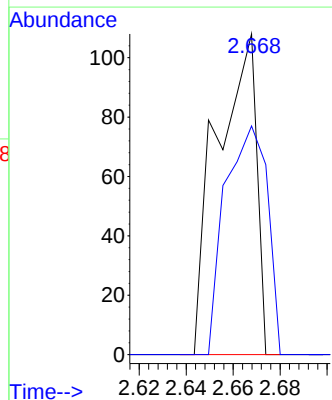
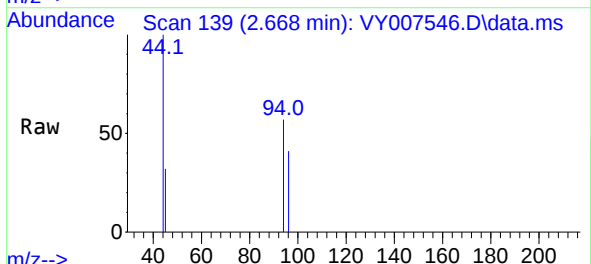
Instrument :
MSVOA_Y
ClientSampleId :
D-7

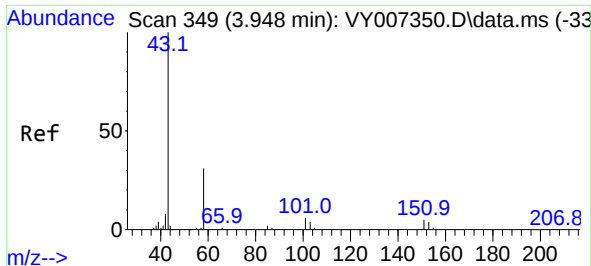
Tgt Ion:168 Resp: 72329
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 94 Resp: 126
Ion Ratio Lower Upper
94 100
96 71.3 73.5 110.3#

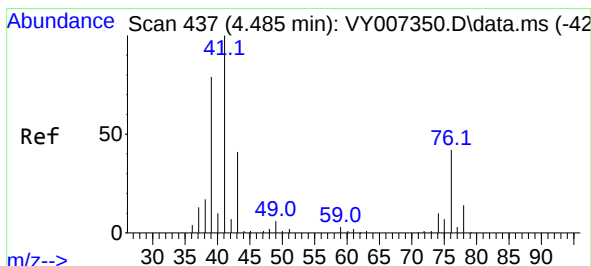
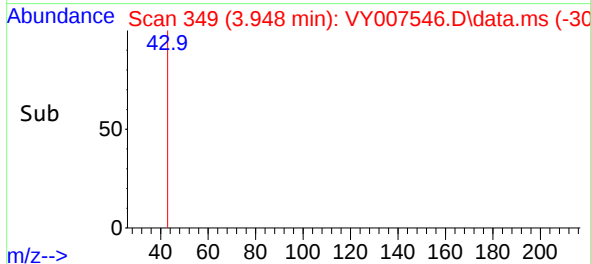
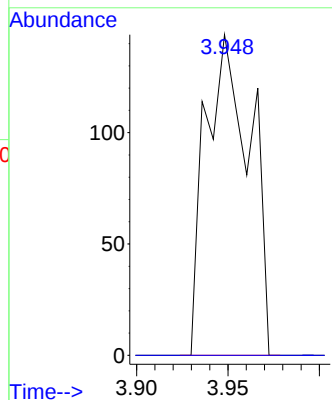
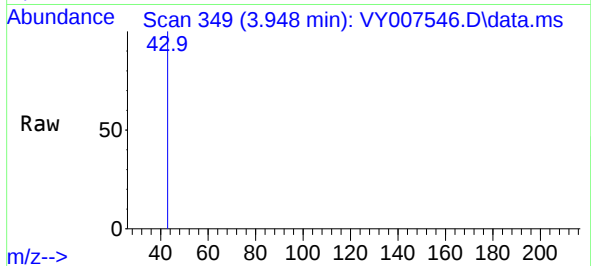




#16
Acetone
Concen: 1.152 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

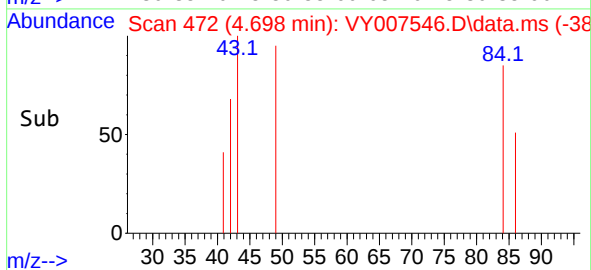
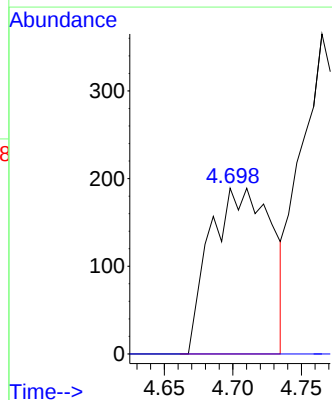
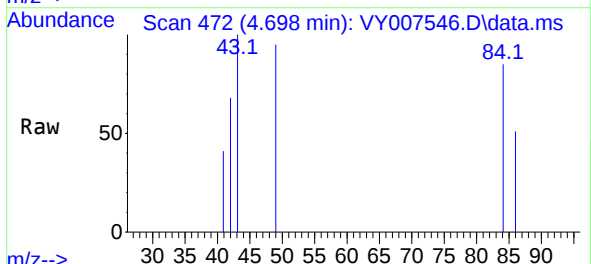
Instrument :
MSVOA_Y
ClientSampleId :
D-7

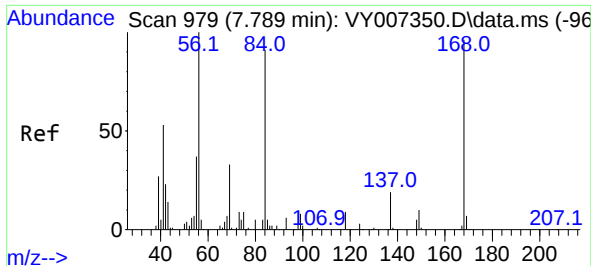
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: 2.495 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.213 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

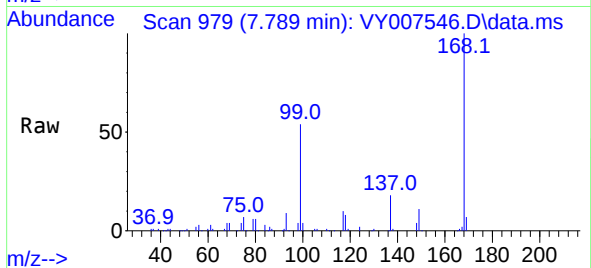
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



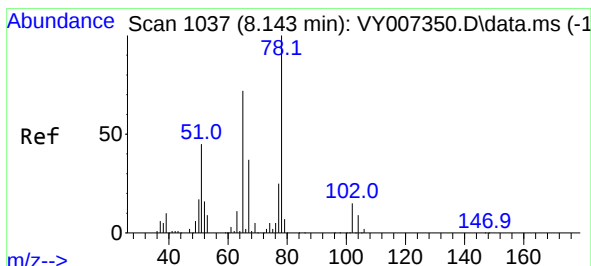
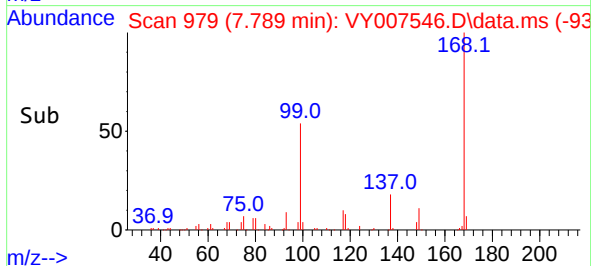
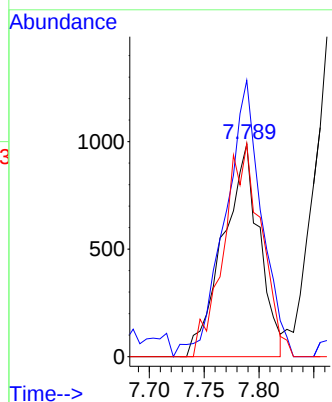


#31
Cyclohexane
Concen: 1.610 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :
D-7

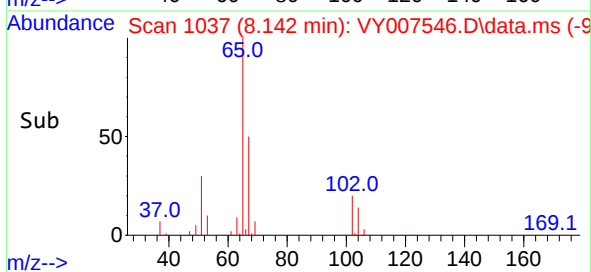
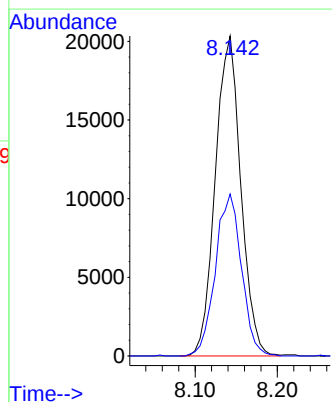
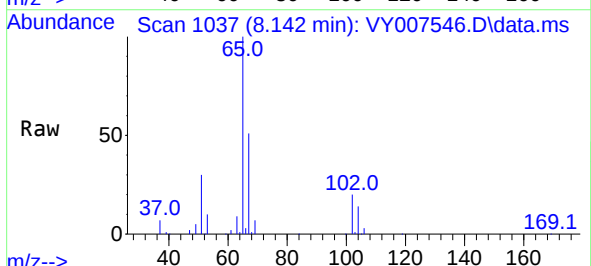


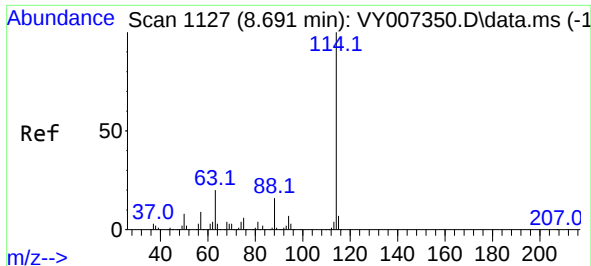
Tgt Ion: 56 Resp: 2273
Ion Ratio Lower Upper
56 100
69 124.3 26.7 40.1#
84 100.2 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 55.001 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 65 Resp: 43921
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4

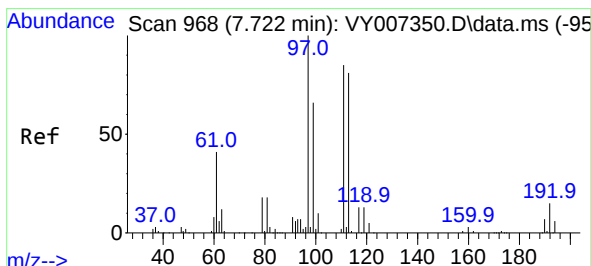
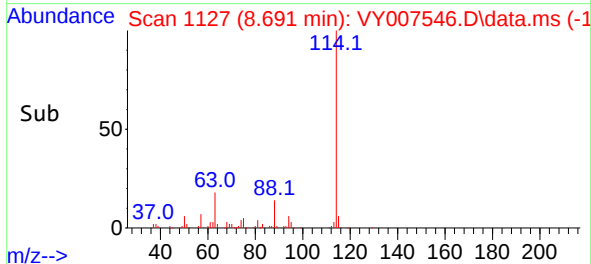
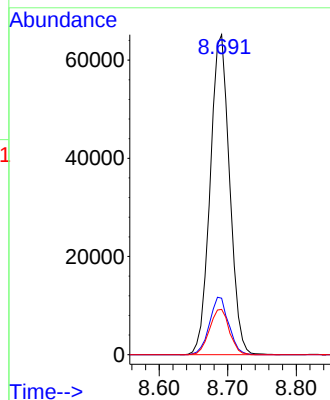
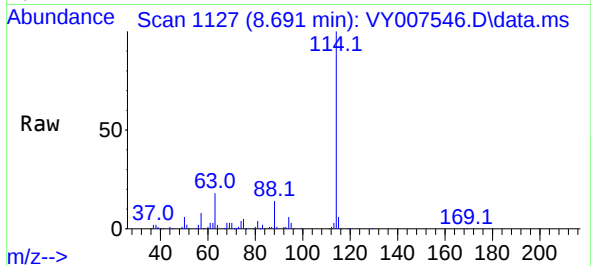




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

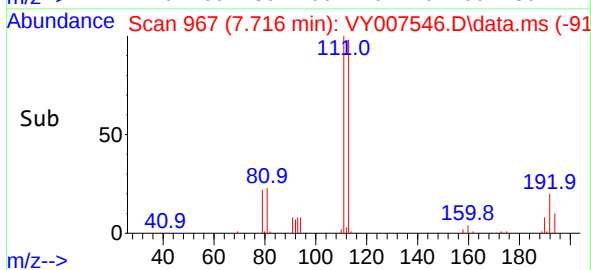
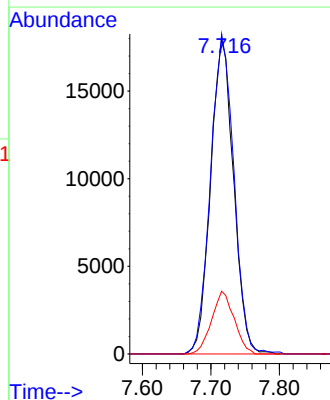
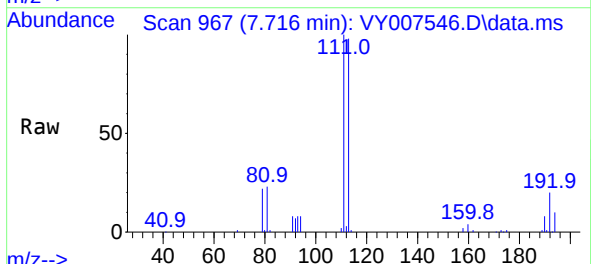
Instrument :
MSVOA_Y
ClientSampleId :
D-7

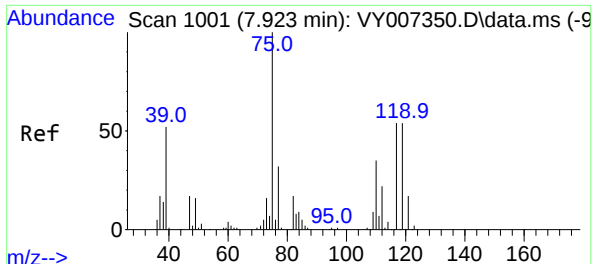
Tgt Ion:	114	Resp:	128240
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	43.2
88	14.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 51.647 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion:	113	Resp:	41768
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	19.6	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.050 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007546.D

Acq: 18 Feb 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

D-7

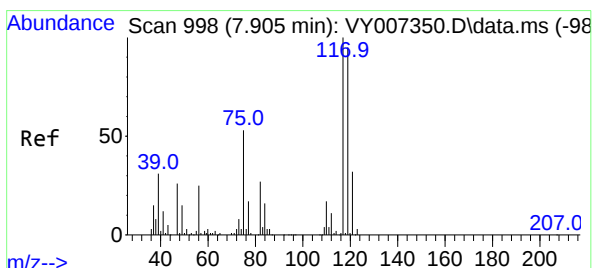
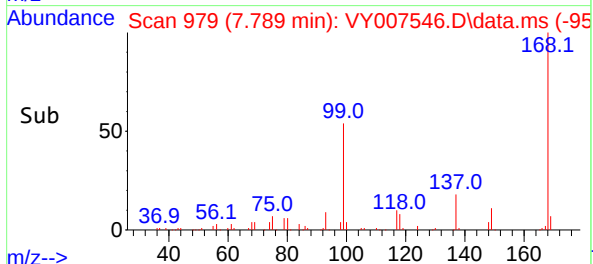
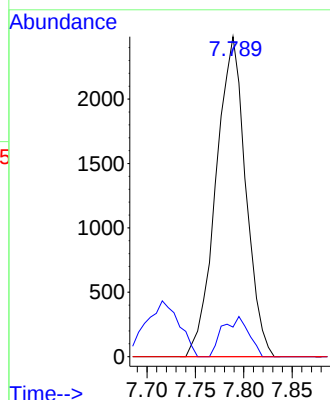
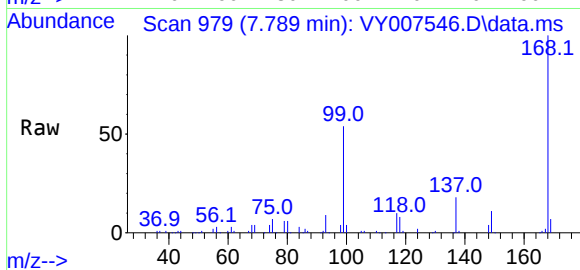
Tgt Ion: 75 Resp: 5307

Ion Ratio Lower Upper

75 100

110 11.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.183 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007546.D

Acq: 18 Feb 2022 15:41

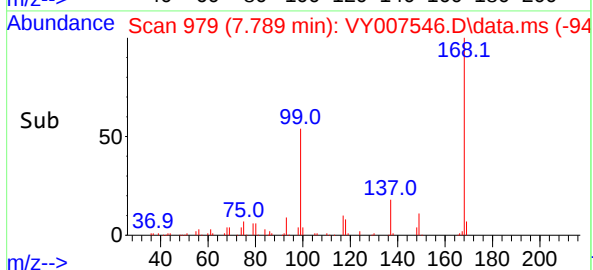
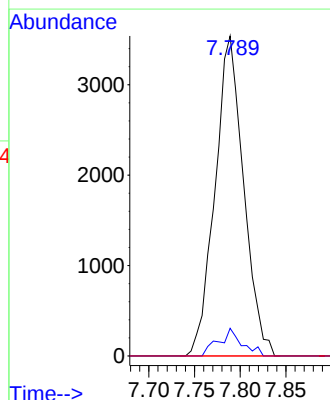
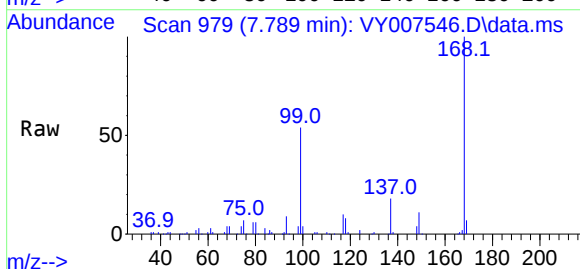
Tgt Ion: 117 Resp: 7717

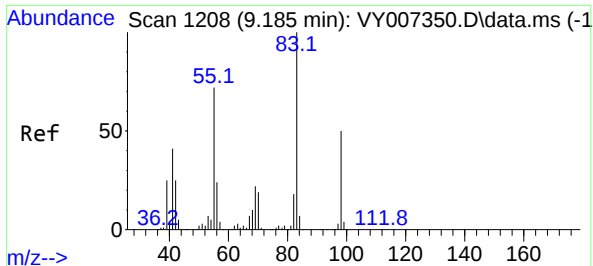
Ion Ratio Lower Upper

117 100

119 8.6 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 4.675 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007546.D

Acq: 18 Feb 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

D-7

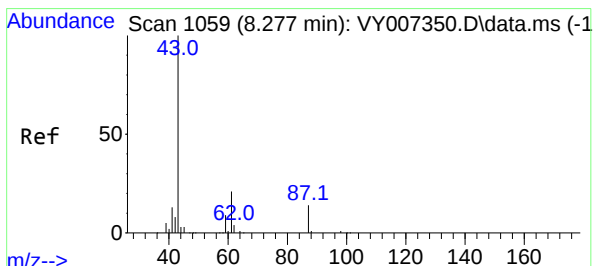
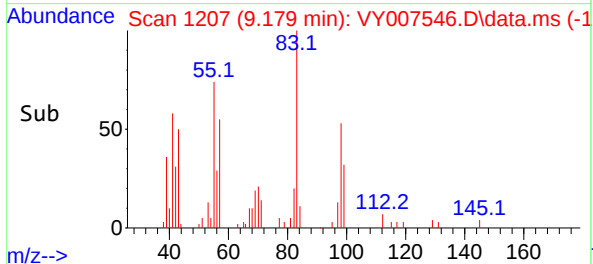
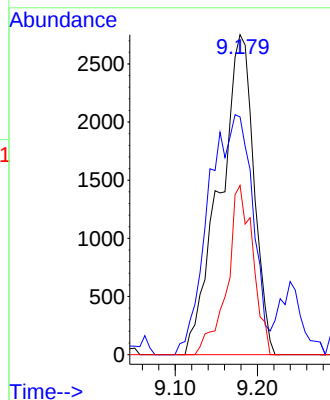
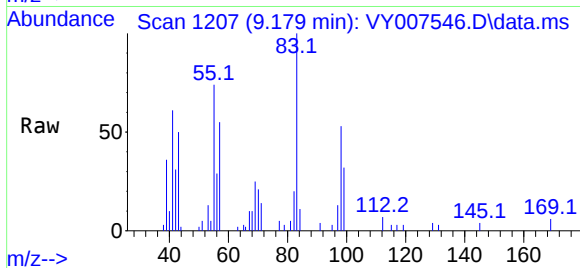
Tgt Ion: 83 Resp: 7952

Ion Ratio Lower Upper

83 100

55 70.9 66.5 99.7

98 52.9 37.9 56.9



#43

Isopropyl Acetate

Concen: 1.178 ug/l

RT: 8.258 min Scan# 1056

Delta R.T. -0.019 min

Lab File: VY007546.D

Acq: 18 Feb 2022 15:41

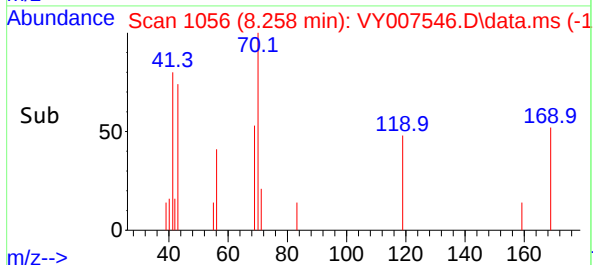
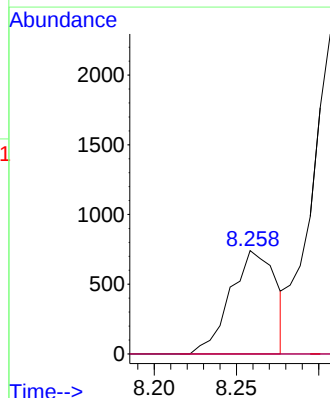
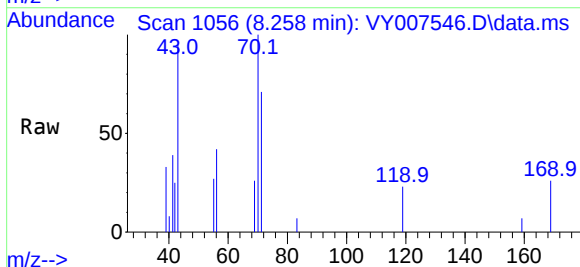
Tgt Ion: 43 Resp: 1416

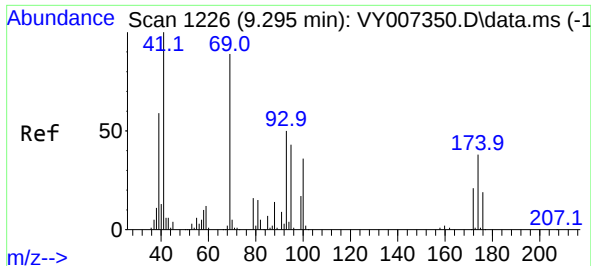
Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 0.0 8.9 13.3#

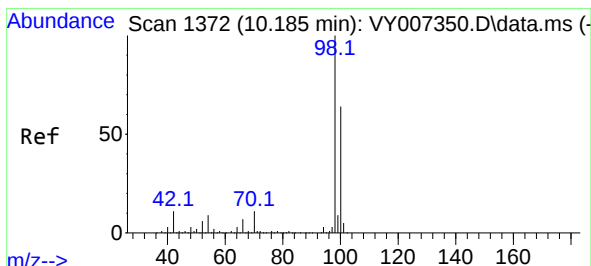
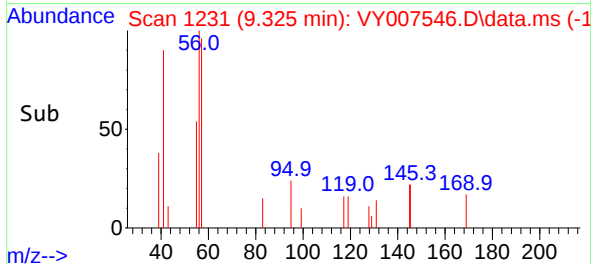
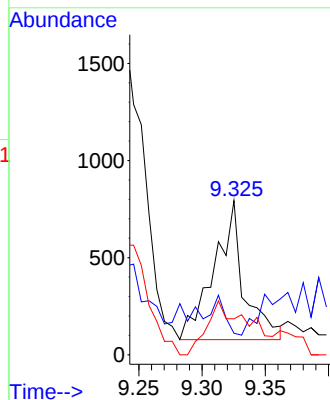
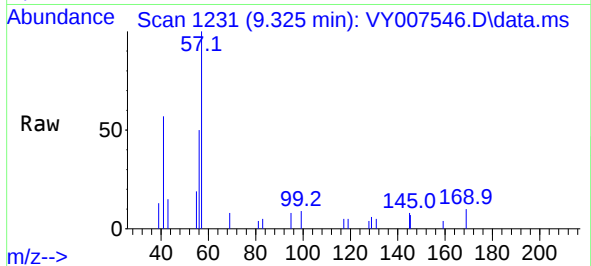




#48
Methyl methacrylate
Concen: 2.215 ug/l
RT: 9.325 min Scan# 1180
Delta R.T. 0.030 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

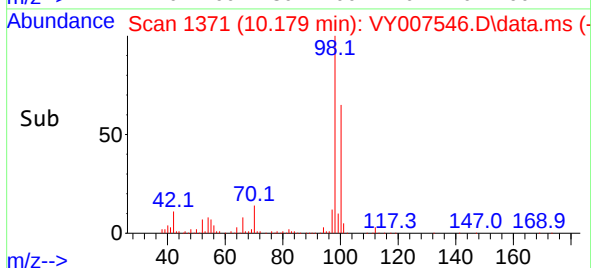
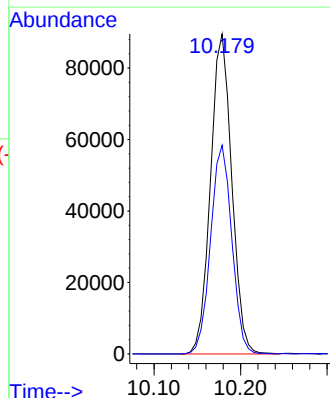
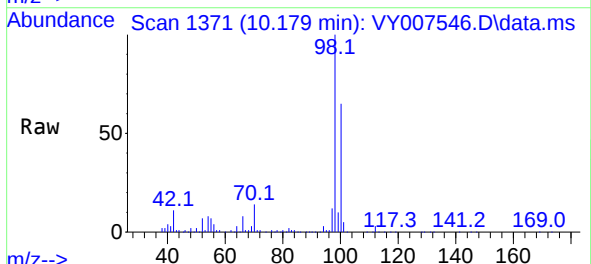
Instrument :
MSVOA_Y
ClientSampleId :
D-7

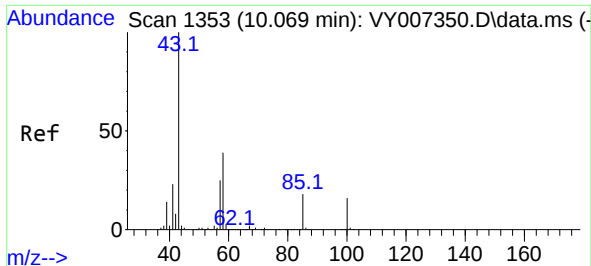
Tgt Ion: 41 Resp: 1180
Ion Ratio Lower Upper
41 100
69 12.6 58.2 87.2#
39 53.9 47.4 71.0



#50
Toluene-d8
Concen: 49.702 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 98 Resp: 152665
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

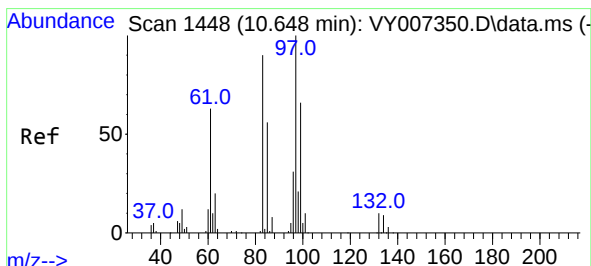
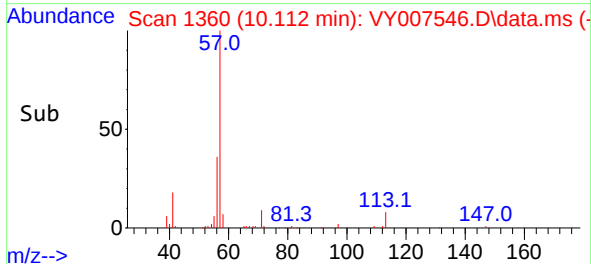
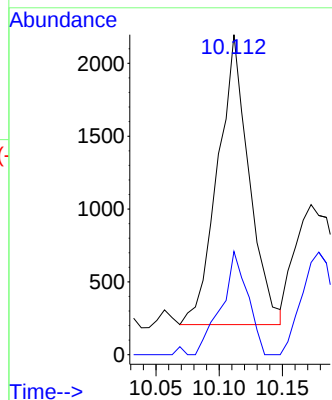
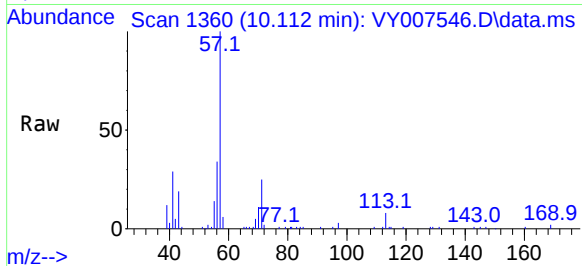




#51
4-Methyl-2-Pentanone
Concen: 5.754 ug/l
RT: 10.112 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

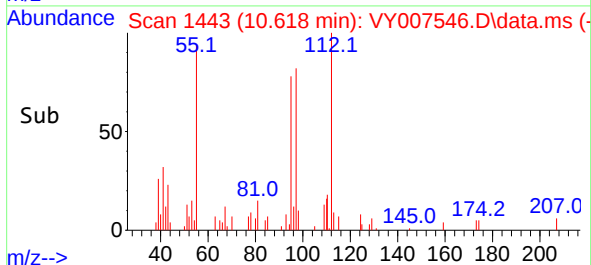
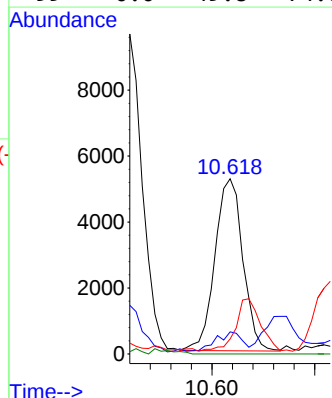
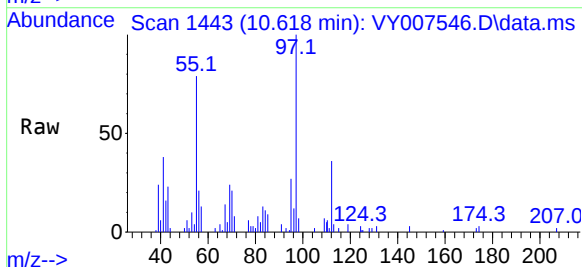
Instrument :
MSVOA_Y
ClientSampleId :
D-7

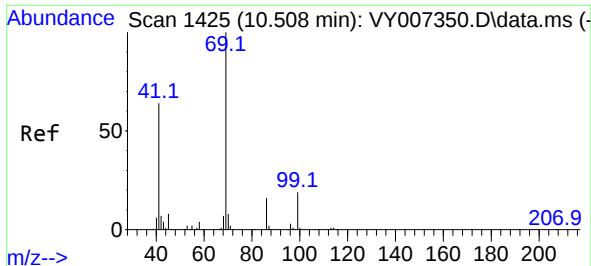
Tgt Ion: 43 Resp: 3436
Ion Ratio Lower Upper
43 100
58 29.7 28.1 42.1



#55
1,1,2-Trichloroethane
Concen: 13.965 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 97 Resp: 9852
Ion Ratio Lower Upper
97 100
83 9.9 69.8 104.8#
85 6.9 44.3 66.5#
99 0.0 49.8 74.6#

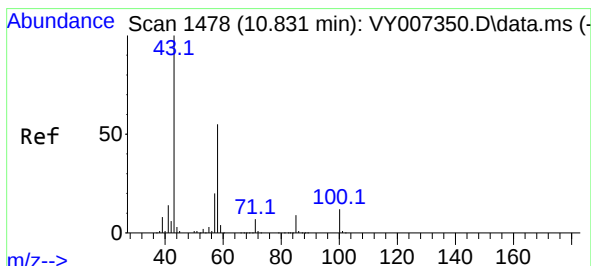
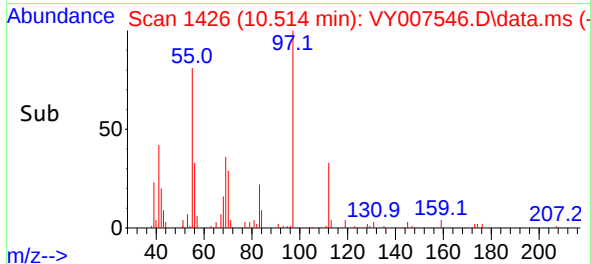
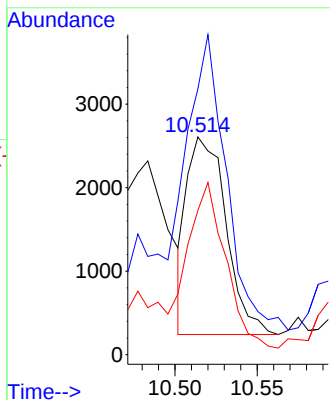
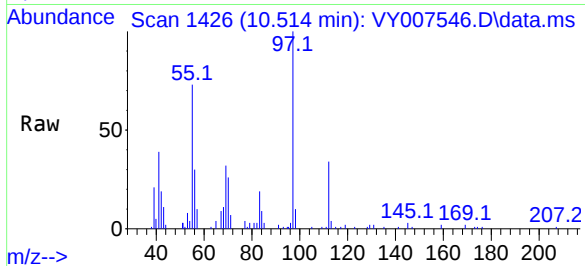




#56
Ethyl methacrylate
Concen: 4.119 ug/l
RT: 10.514 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

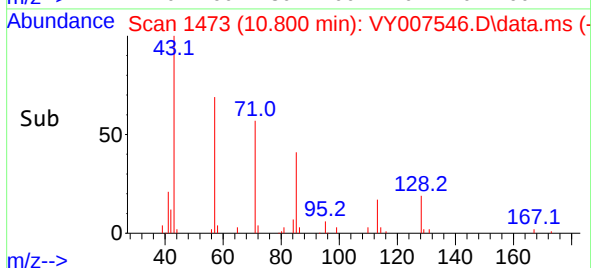
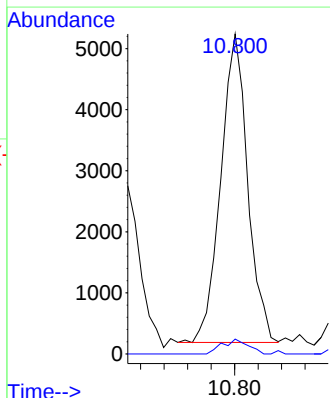
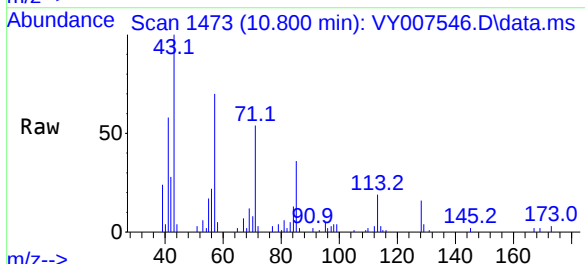
Instrument :
MSVOA_Y
ClientSampleId :
D-7

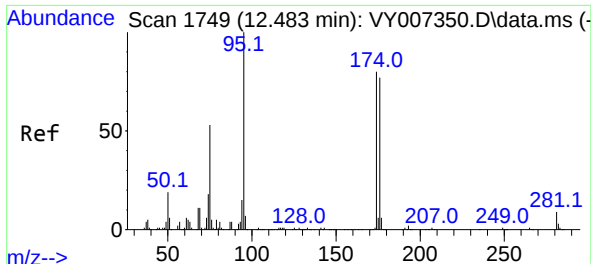
Tgt Ion: 69 Resp: 3908
Ion Ratio Lower Upper
69 100
41 152.1 63.4 95.0#
39 81.3 35.8 53.8#



#59
2-Hexanone
Concen: 18.671 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 43 Resp: 8049
Ion Ratio Lower Upper
43 100
58 4.6 24.4 73.4#

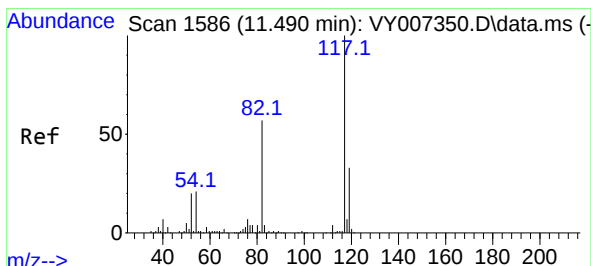
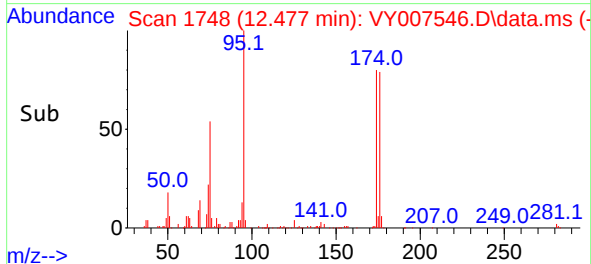
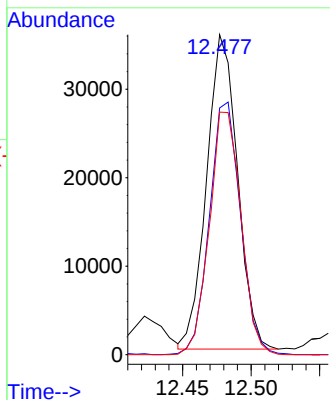
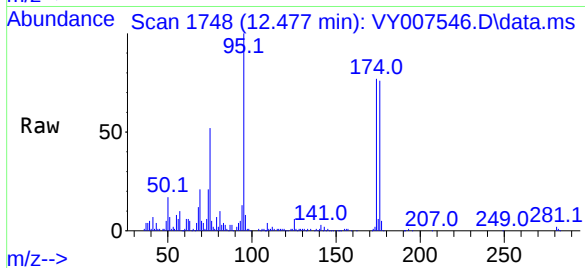




#62
4-Bromofluorobenzene
Concen: 53.521 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

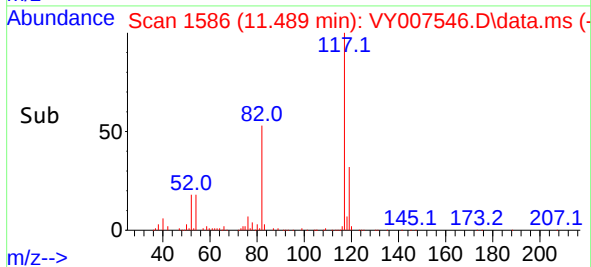
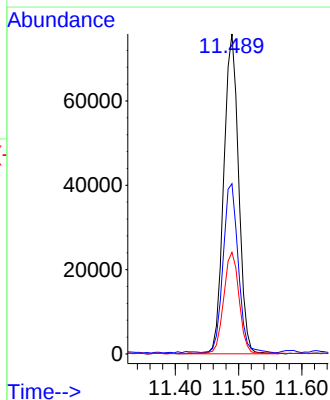
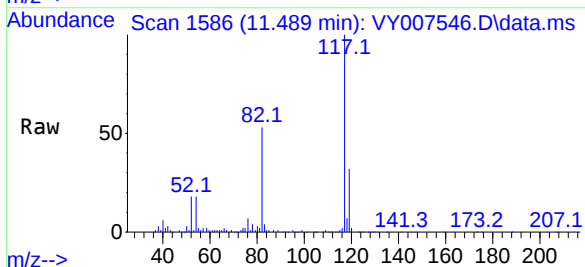
Instrument :
MSVOA_Y
ClientSampleId :
D-7

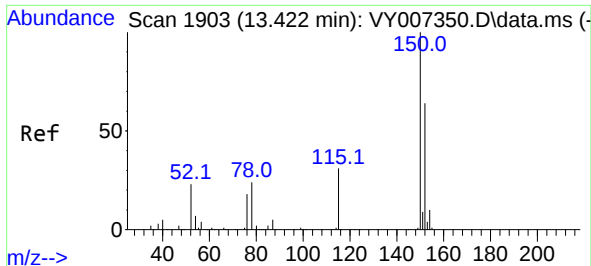
Tgt Ion: 95 Resp: 55743
Ion Ratio Lower Upper
95 100
174 81.0 0.0 177.0
176 79.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 117 Resp: 123359
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.5 25.4 38.0

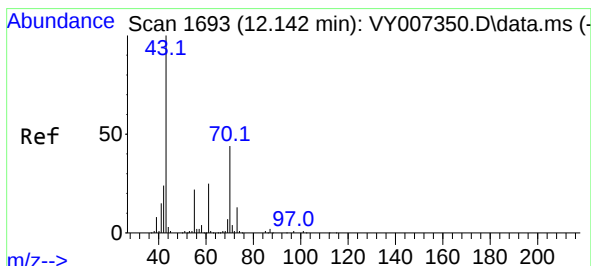
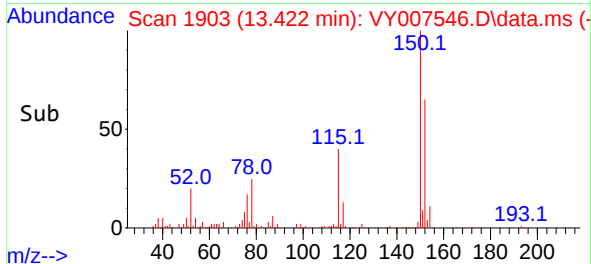
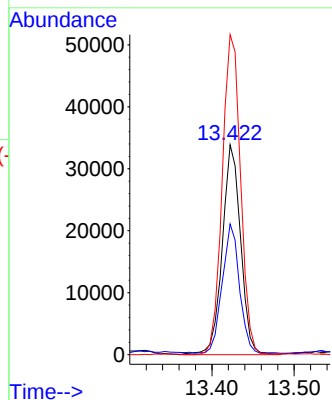
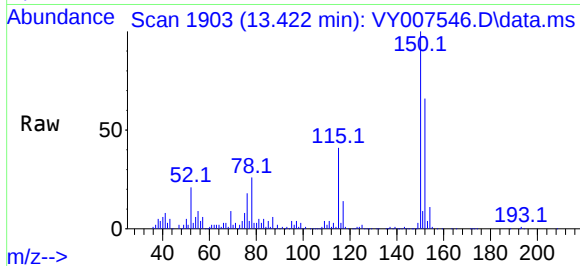




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

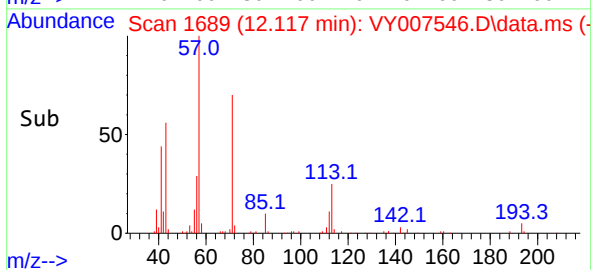
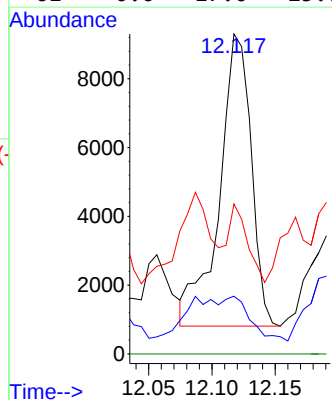
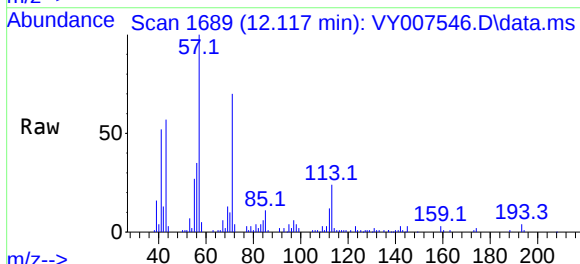
Instrument :
MSVOA_Y
ClientSampleId :
D-7

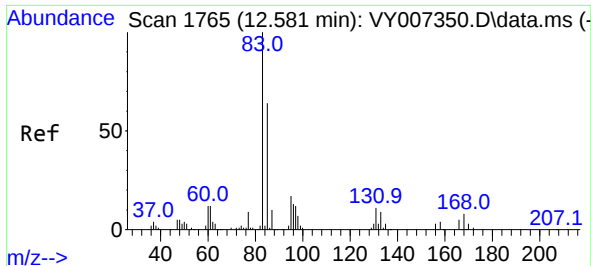
Tgt Ion:152 Resp: 52469
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 152.2 0.0 347.6



#74
N-ethyl acetate
Concen: 14.116 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.025 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 43 Resp: 14855
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 16.4 17.3 25.9#
61 0.0 17.0 25.6#

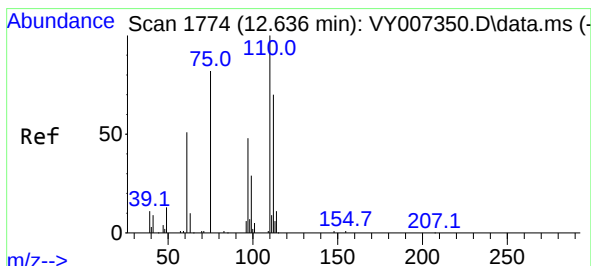
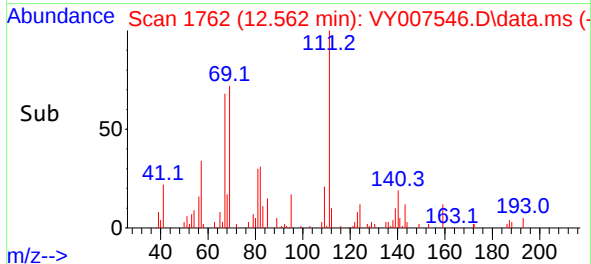
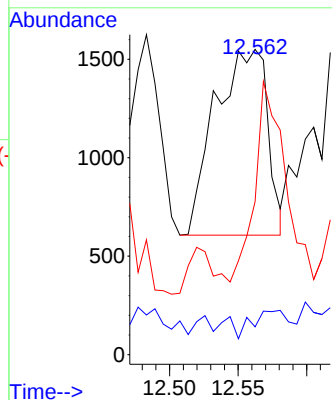
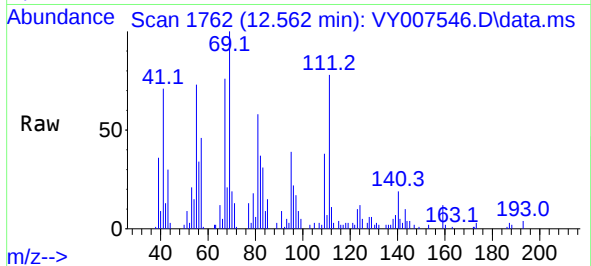




#75
1,1,2,2-Tetrachloroethane
Concen: 3.144 ug/l
RT: 12.562 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

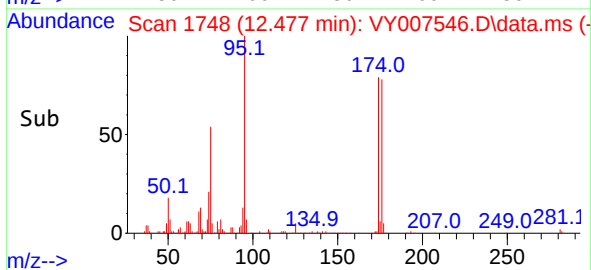
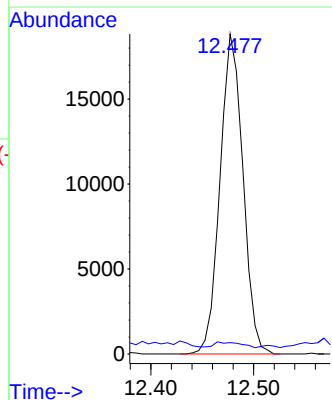
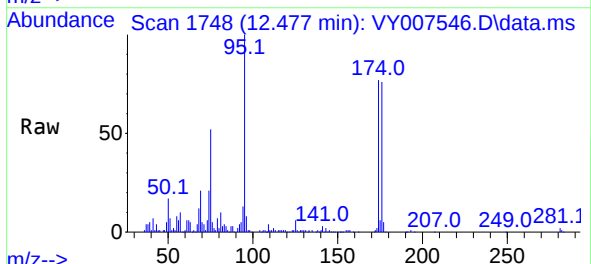
Instrument :
MSVOA_Y
ClientSampleId :
D-7

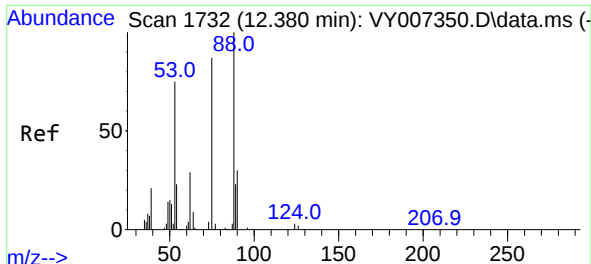
Tgt Ion: 83 Resp: 2503
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 61.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 48.043 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

Tgt Ion: 75 Resp: 29126
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

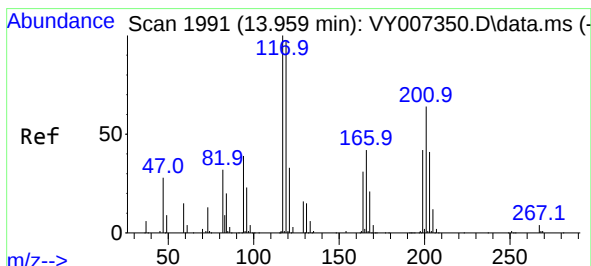
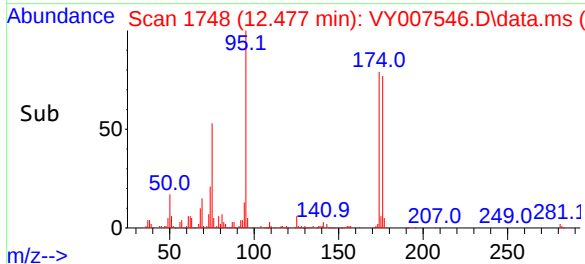
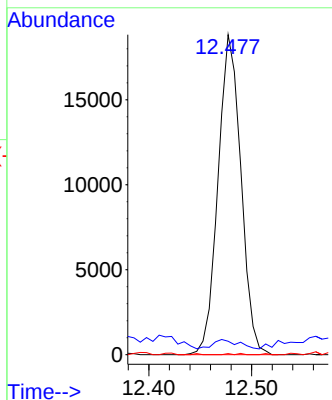
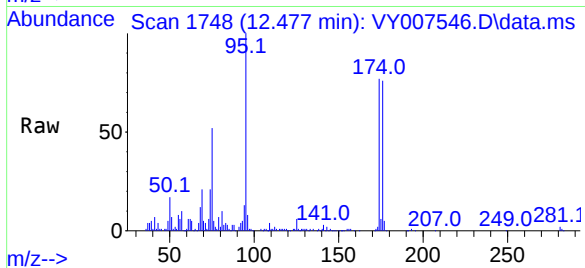




#81
trans-1,4-Dichloro-2-butene
Concen: 99.854 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

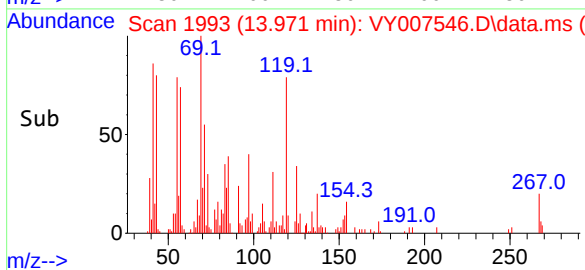
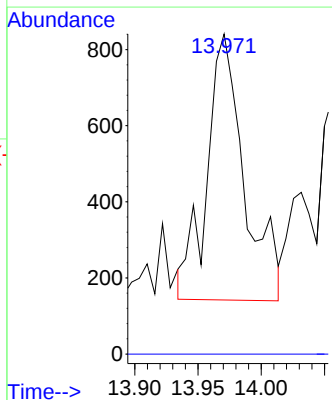
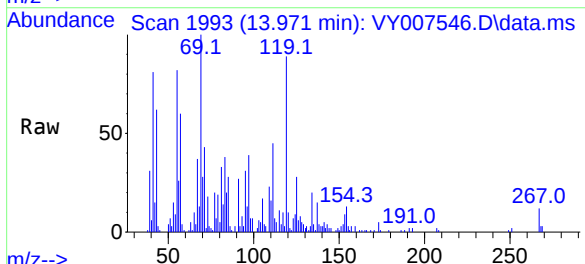
Instrument :
MSVOA_Y
ClientSampleId :
D-7

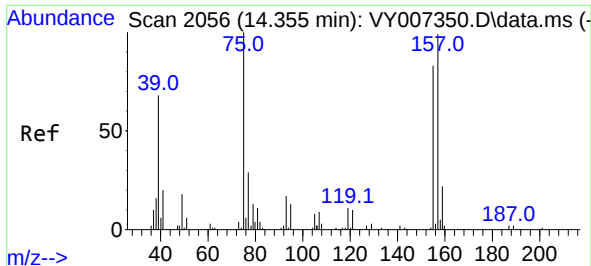
Tgt Ion: 75 Resp: 29126
Ion Ratio Lower Upper
75 100
53 3.3 85.3 127.9#
89 0.1 37.0 55.4#



#90
Hexachloroethane
Concen: 1.846 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY007546.D
Acq: 18 Feb 2022 15:41

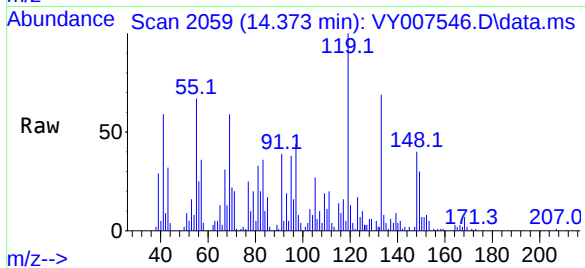
Tgt Ion: 117 Resp: 1441
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.517 ug/l
 RT: 14.373 min Scan# 2059
 Delta R.T. 0.018 min
 Lab File: VY007546.D
 Acq: 18 Feb 2022 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-7



Tgt Ion: 75 Resp: 205
 Ion Ratio Lower Upper
 75 100
 155 27.3 38.0 113.9#
 157 0.0 47.8 143.3#

