

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021622\
 Data File : VY007508.D
 Acq On : 16 Feb 2022 13:17
 Operator : SY/MD
 Sample : VY0216SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 17 02:55:37 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)

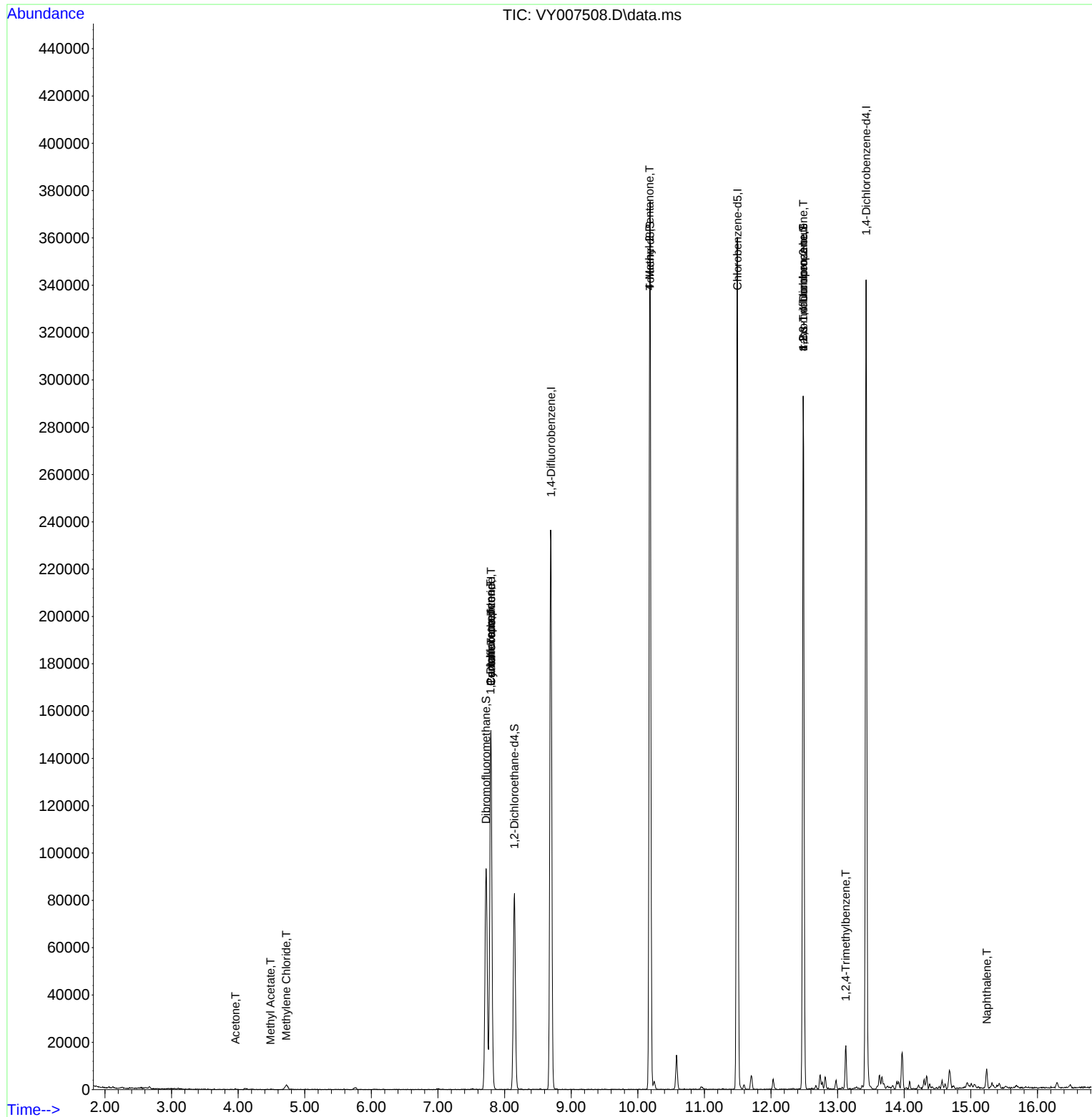
Internal Standards						
1) Pentafluorobenzene	7.795	168	114394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	199856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67272	53.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.520%	
35) Dibromofluoromethane	7.722	113	66769	50.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.340%	
50) Toluene-d8	10.185	98	251517	50.254	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.483	95	89707	52.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	525	Below Cal	#	80
5) Bromomethane	2.674	94	424	Below Cal		84
16) Acetone	3.960	43	369	1.101	ug/l #	47
18) Methyl Acetate	4.485	43	226	1.653	ug/l #	56
20) Methylene Chloride	4.722	84	1570	1.143	ug/l #	75
31) Cyclohexane	7.795	56	2465	1.104	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	9344	4.377	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12126	4.999	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	1125	1.156	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47697	48.265	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47697	100.316	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	9899	1.627	ug/l	97
95) Naphthalene	15.239	128	6699	1.841	ug/l	99

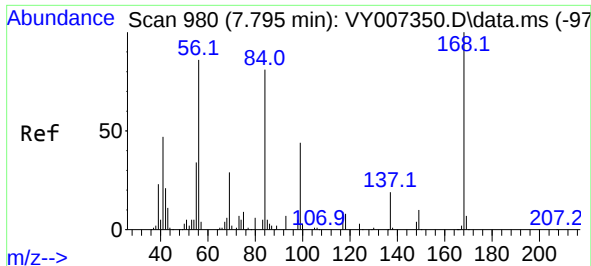
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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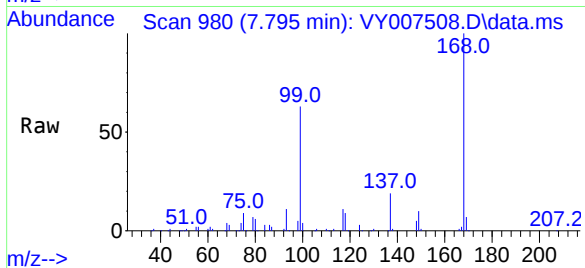
Quant Time: Feb 17 02:55:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
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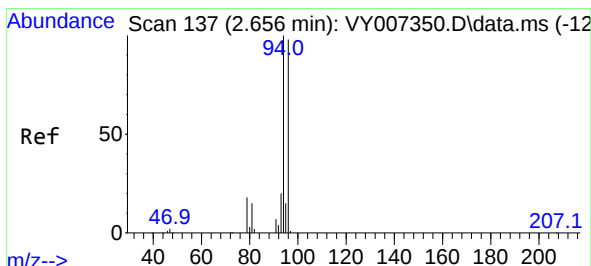
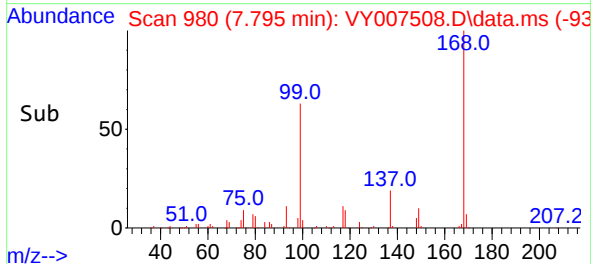
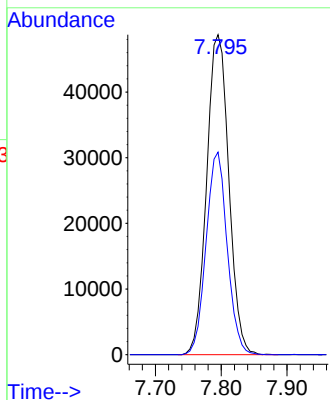


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :

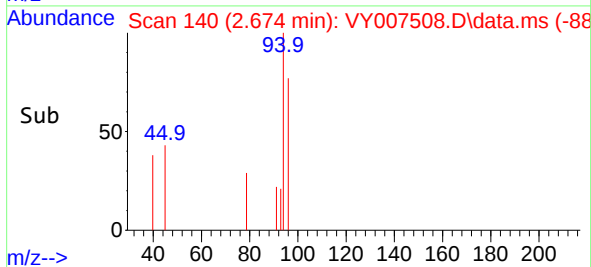
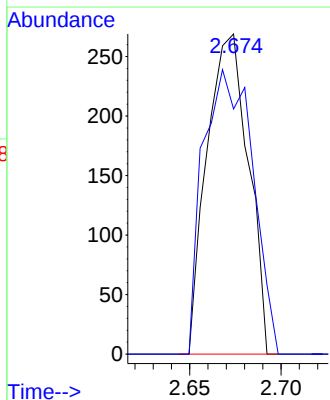
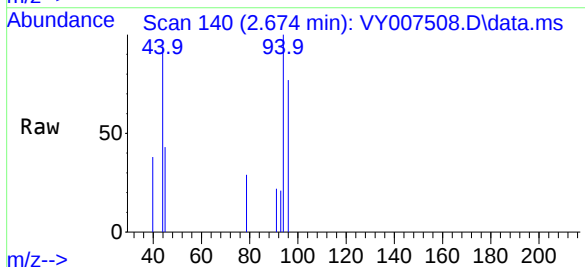


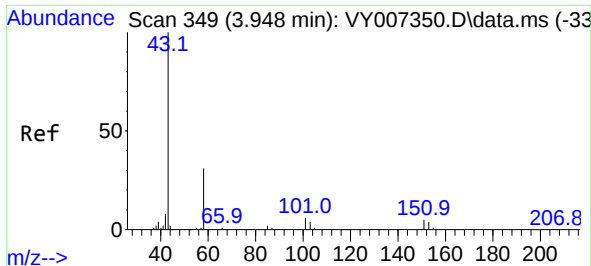
Tgt Ion:168 Resp: 114394
Ion Ratio Lower Upper
168 100
99 63.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

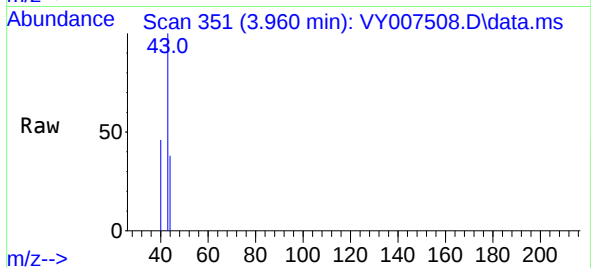
Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 76.6 73.5 110.3



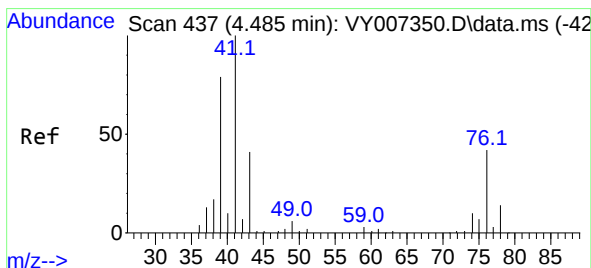
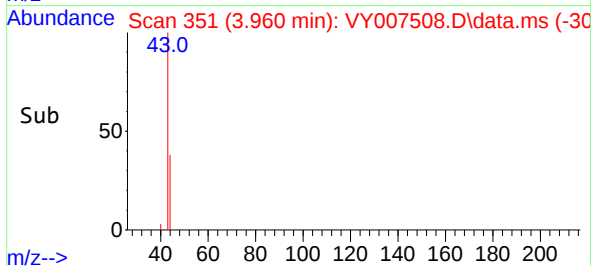
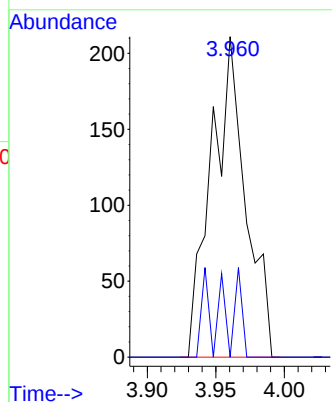


#16
Acetone
Concen: 1.101 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :

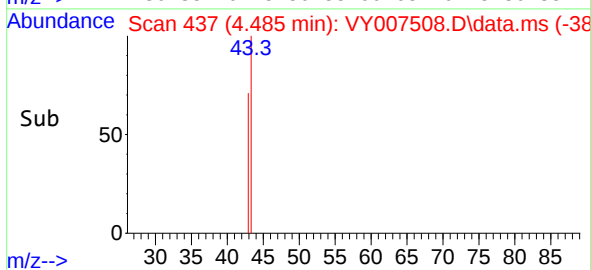
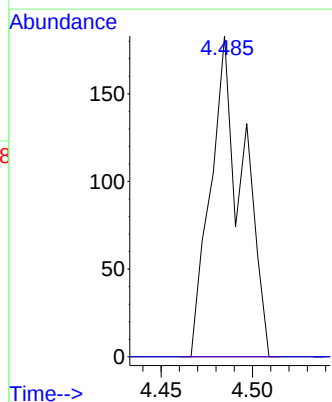
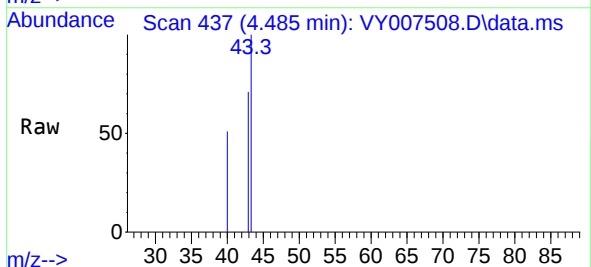


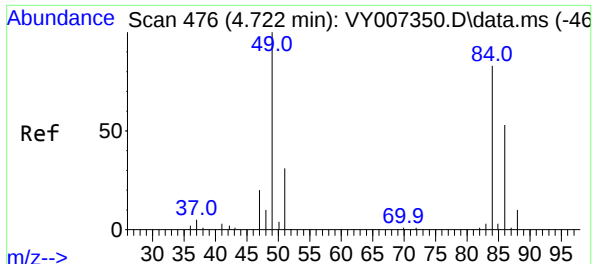
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: 1.653 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

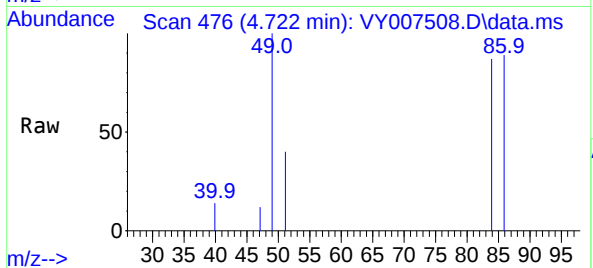
Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



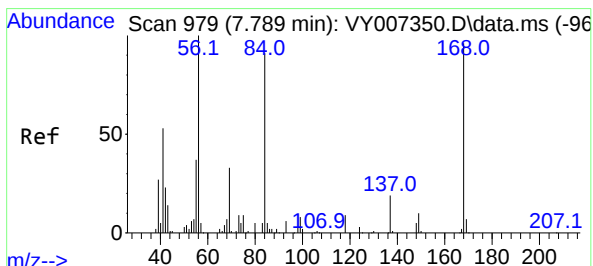
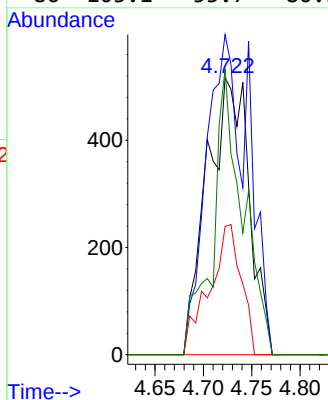
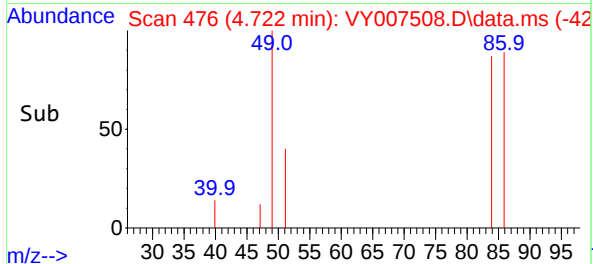


#20
Methylene Chloride
Concen: 1.143 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

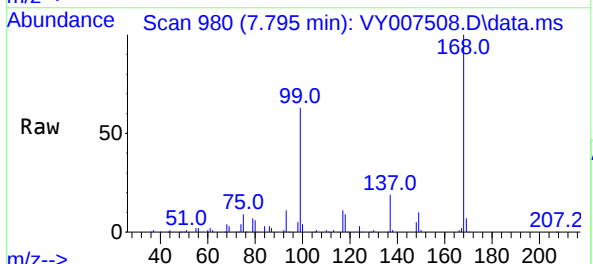
Instrument :
MSVOA_Y
ClientSampleId :



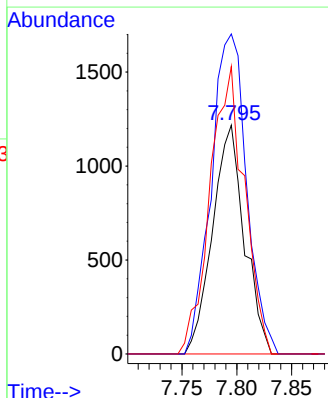
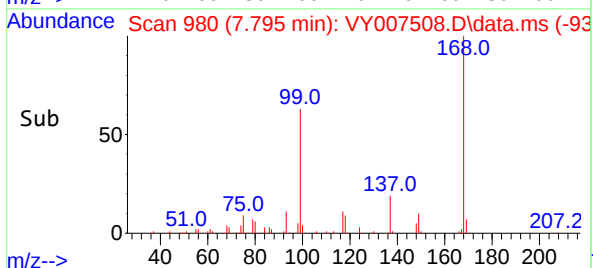
Tgt Ion: 84 Resp: 1570
Ion Ratio Lower Upper
84 100
49 115.5 114.4 171.6
51 46.2 35.3 52.9
86 103.1 53.7 80.5#

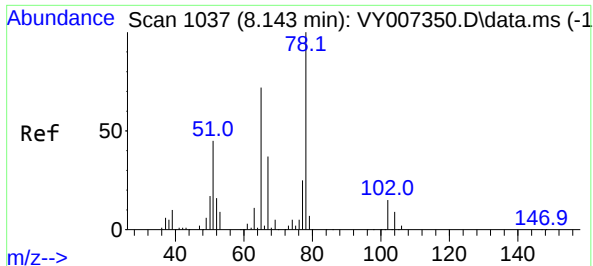


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17



Tgt Ion: 56 Resp: 2465
Ion Ratio Lower Upper
56 100
69 139.8 26.7 40.1#
84 125.5 67.2 100.8#

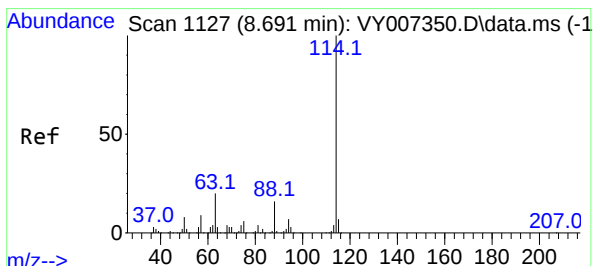
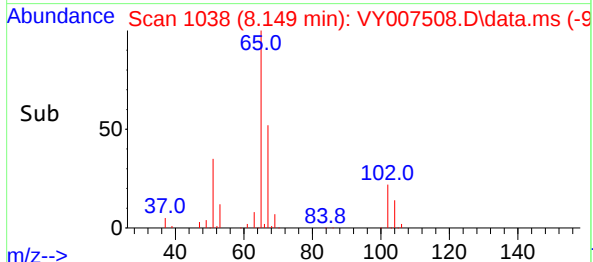
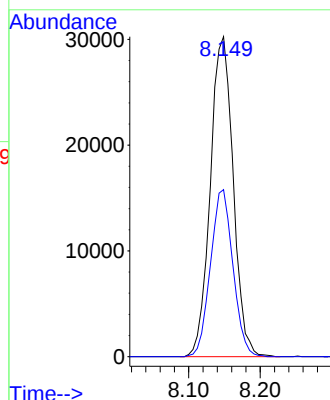
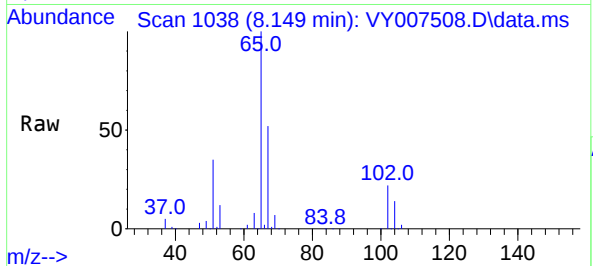




#33
1,2-Dichloroethane-d4
Concen: 53.265 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

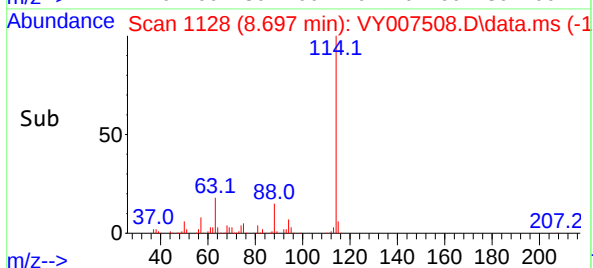
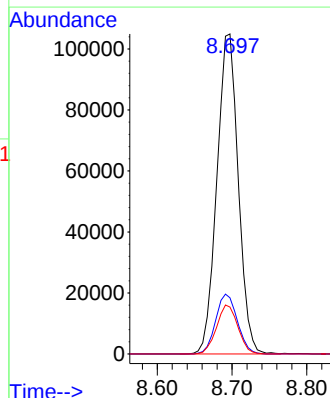
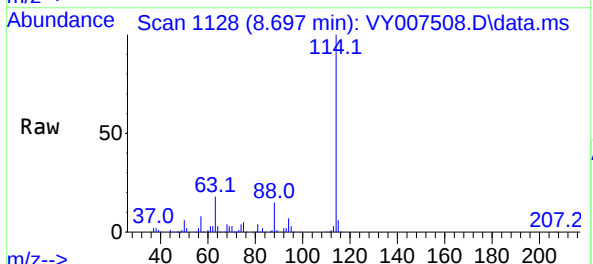
Instrument :
MSVOA_Y
ClientSampleId :

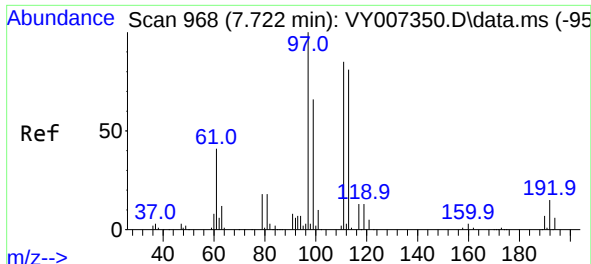
Tgt Ion: 65 Resp: 67272
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

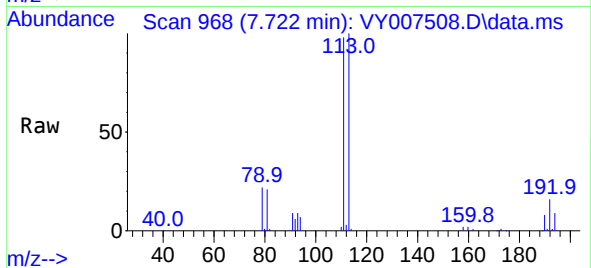
Tgt Ion:114 Resp: 208957
Ion Ratio Lower Upper
114 100
63 17.6 0.0 43.2
88 14.7 0.0 31.8



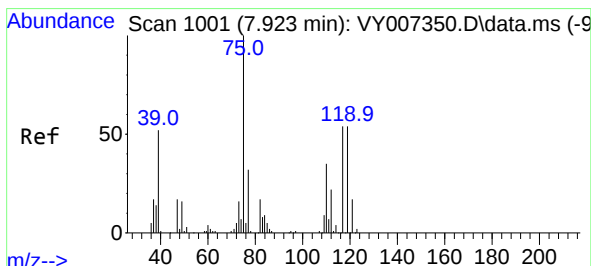
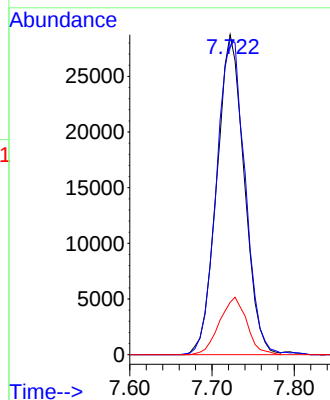
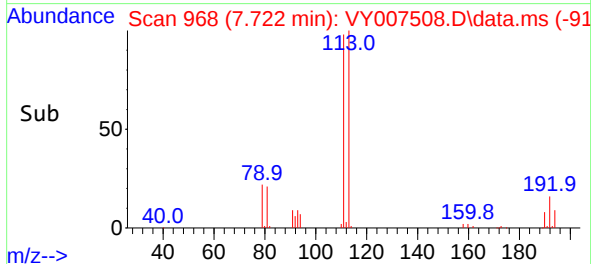


#35
Dibromofluoromethane
Concen: 50.669 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :

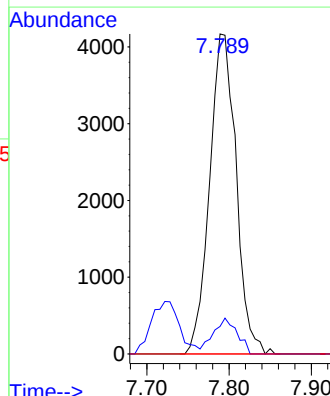
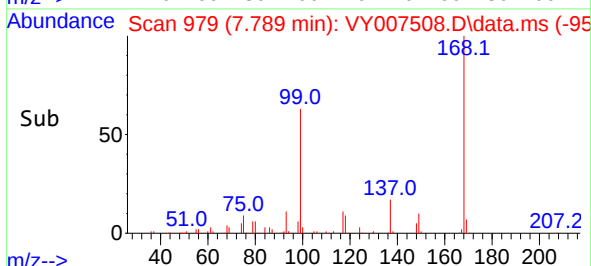
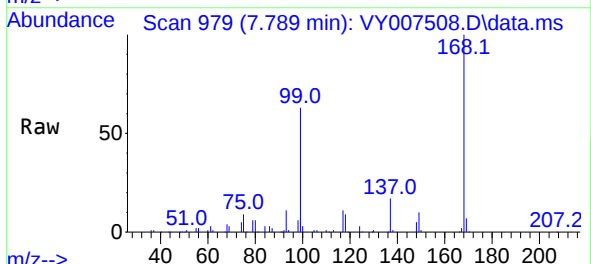


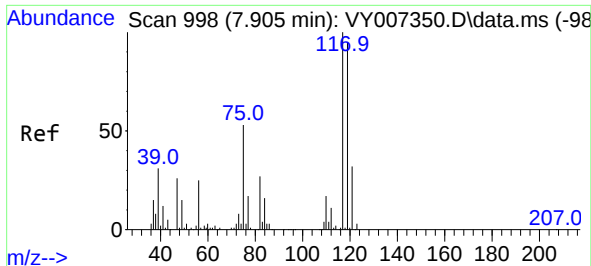
Tgt Ion:113 Resp: 66769
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.377 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

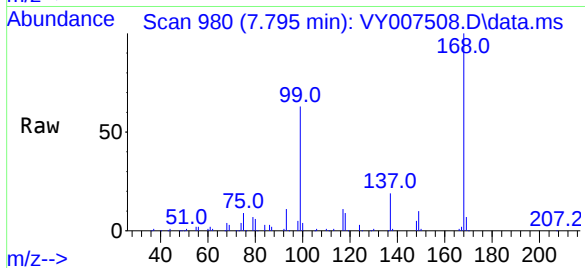
Tgt Ion: 75 Resp: 9344
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



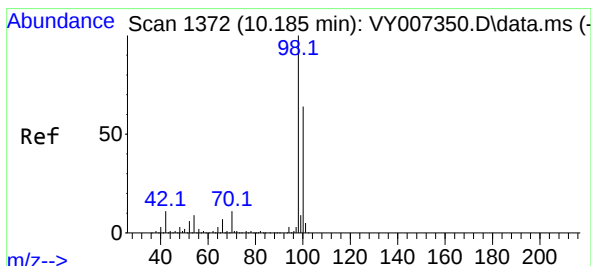
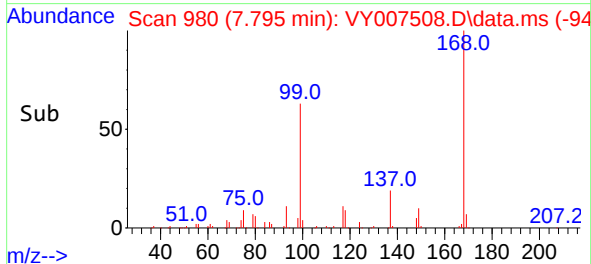
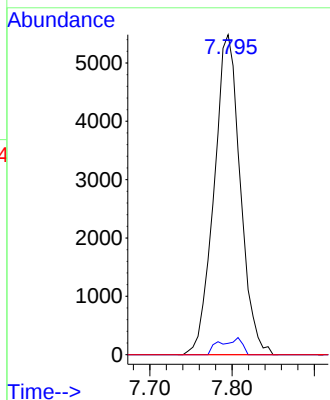


#38
Carbon Tetrachloride
Concen: 4.999 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :

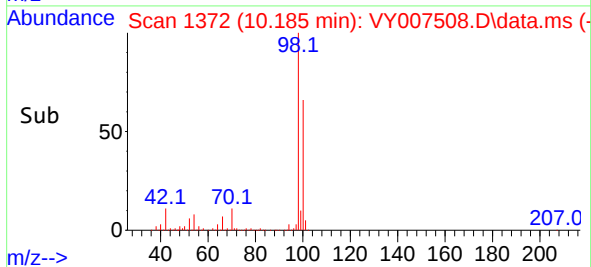
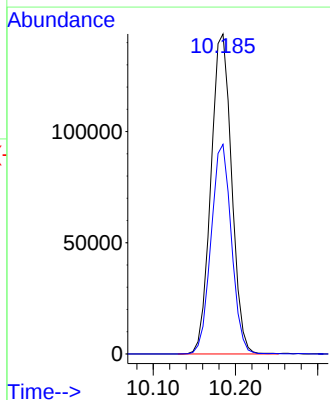
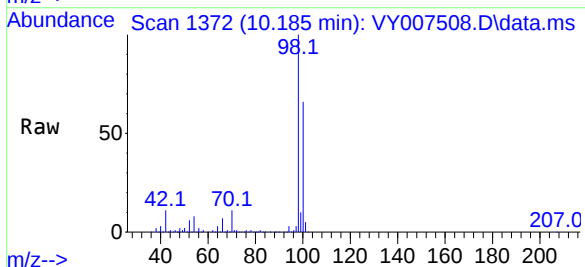


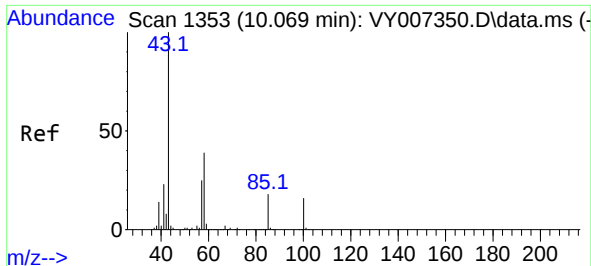
Tgt Ion:117 Resp: 12126
Ion Ratio Lower Upper
117 100
119 3.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.254 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

Tgt Ion: 98 Resp: 251517
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

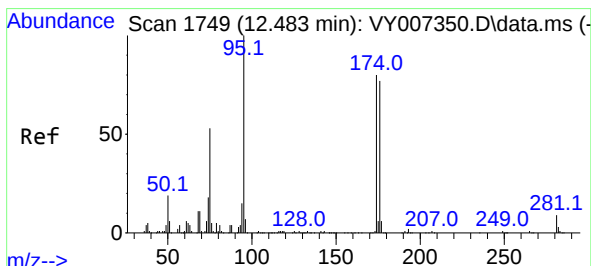
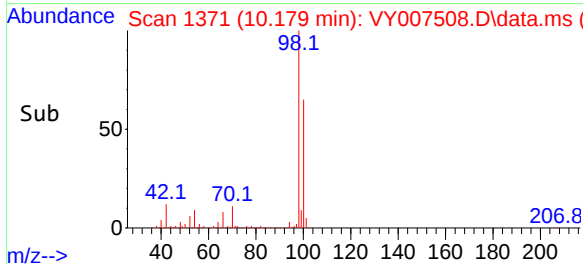
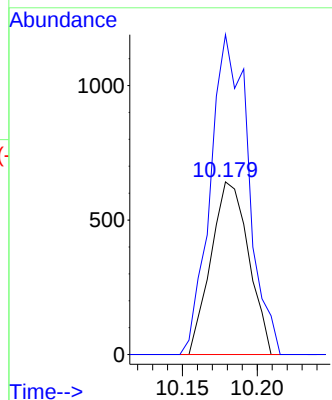
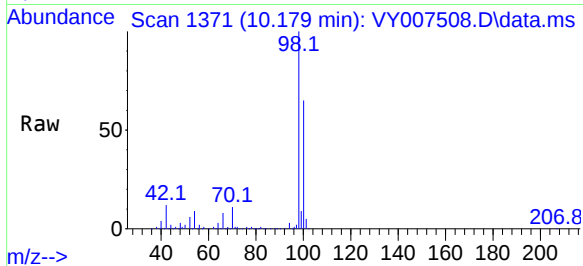




#51
4-Methyl-2-Pentanone
Concen: 1.156 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

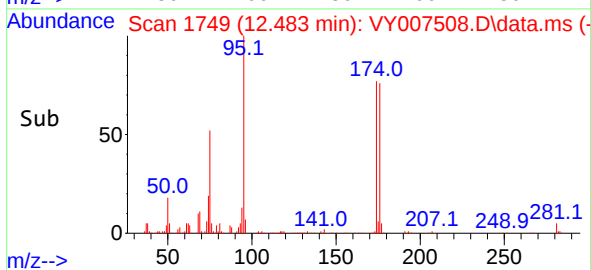
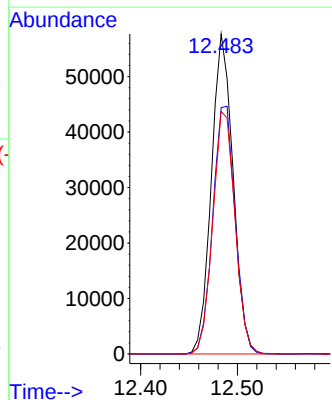
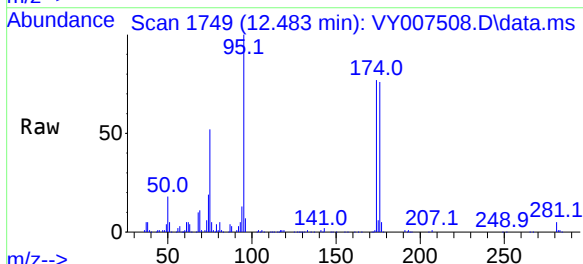
Instrument :
MSVOA_Y
ClientSampleId :

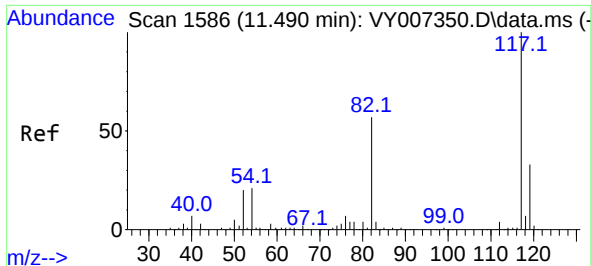
Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 186.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 52.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

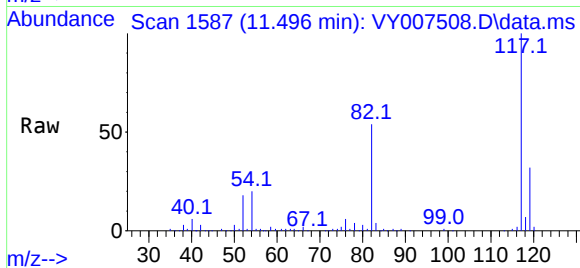
Tgt Ion: 95 Resp: 89707
Ion Ratio Lower Upper
95 100
174 80.1 0.0 177.0
176 77.7 0.0 175.8



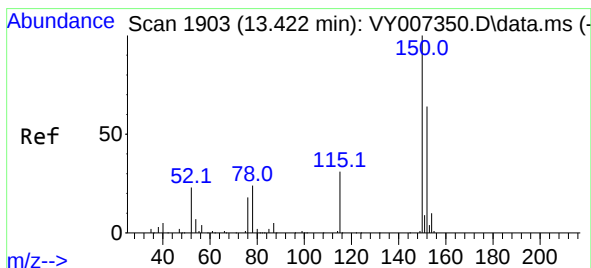
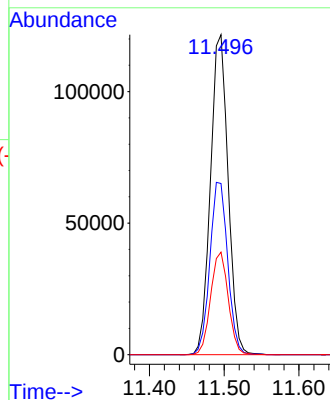
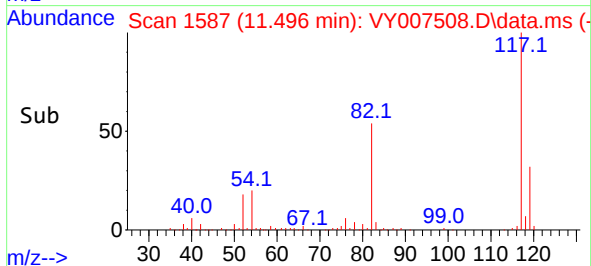


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

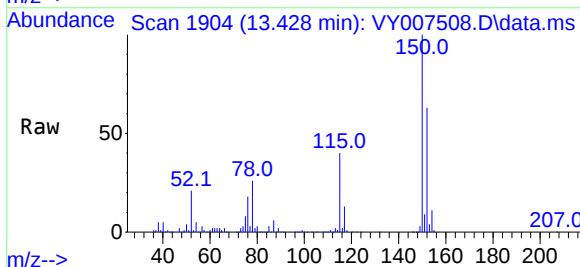
Instrument :
MSVOA_Y
ClientSampleId :



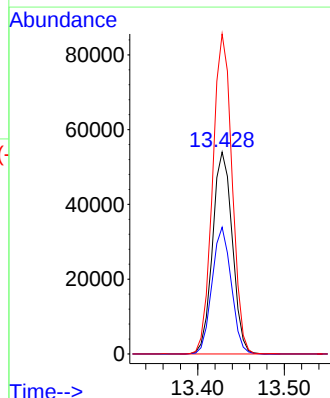
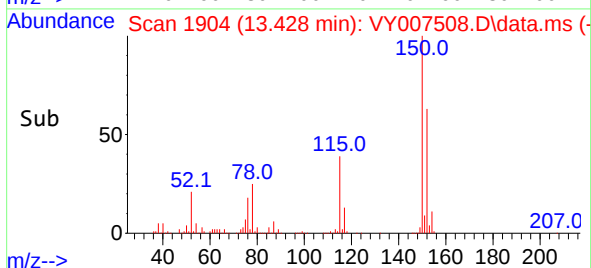
Tgt Ion:117 Resp: 199856
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.1 25.4 38.0

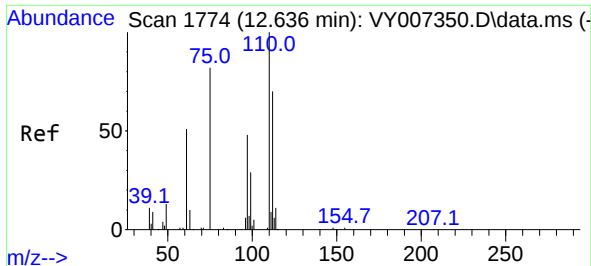


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17



Tgt Ion:152 Resp: 85528
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 156.0 0.0 347.6

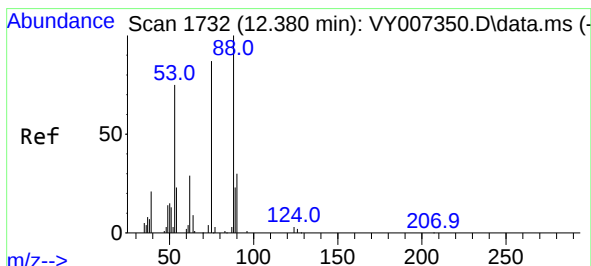
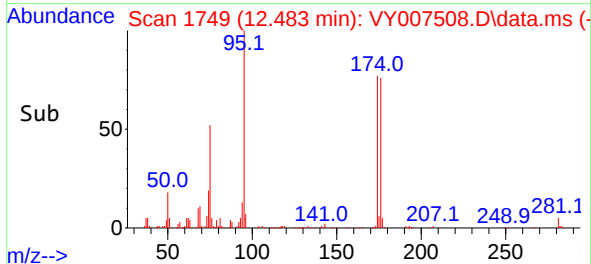
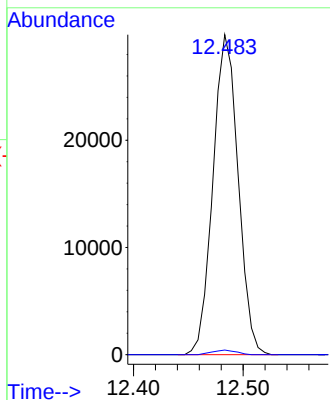
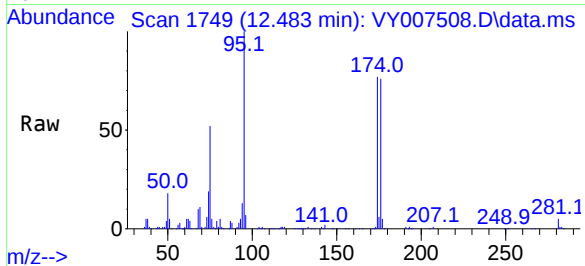




#76
1,2,3-Trichloropropane
Concen: 48.265 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

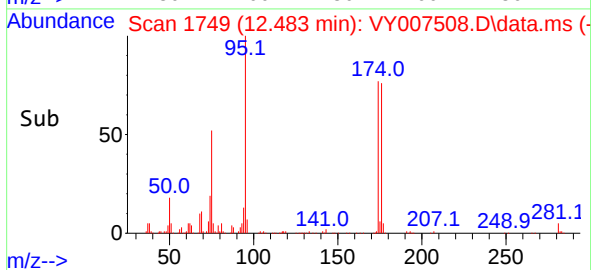
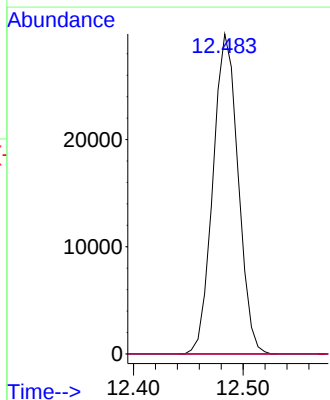
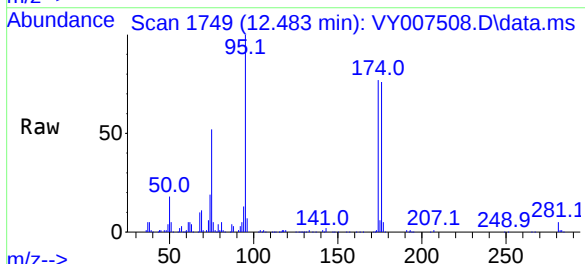
Instrument :
MSVOA_Y
ClientSampleId :

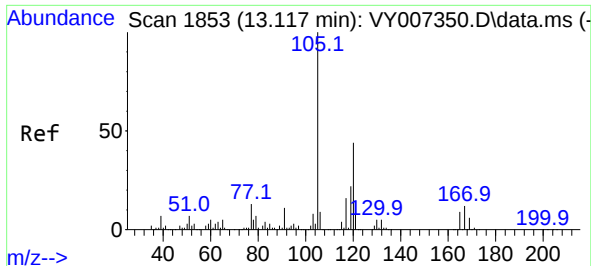
Tgt Ion: 75 Resp: 47697
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

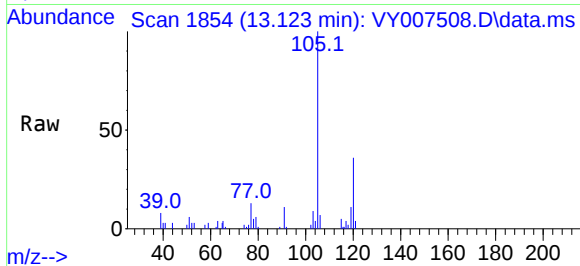
Tgt Ion: 75 Resp: 47697
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



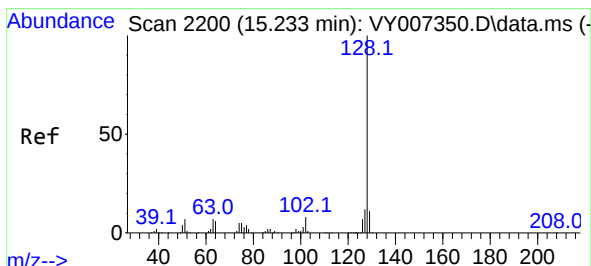
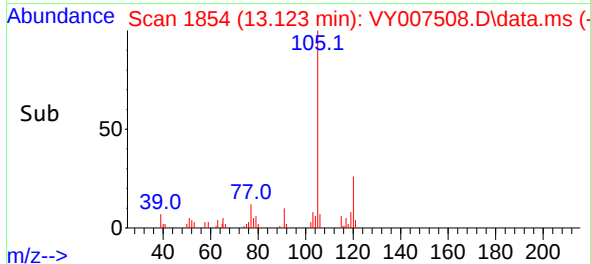
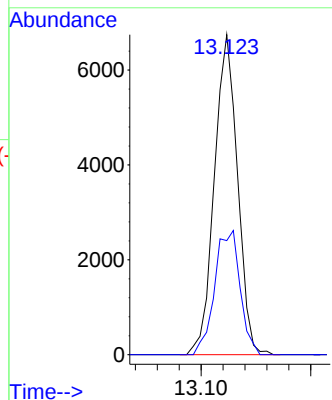


#84
1,2,4-Trimethylbenzene
Concen: 1.627 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:105 Resp: 9899
Ion Ratio Lower Upper
105 100
120 42.6 22.3 66.9



#95
Naphthalene
Concen: 1.841 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007508.D
Acq: 16 Feb 2022 13:17

Tgt Ion:128 Resp: 6699
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.8 8.4 12.6

