

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007556.D
 Acq On : 18 Feb 2022 19:35
 Operator : SY/MD
 Sample : N1589-01
 Misc : 6.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 350

Quant Time: Feb 19 04:37:08 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)

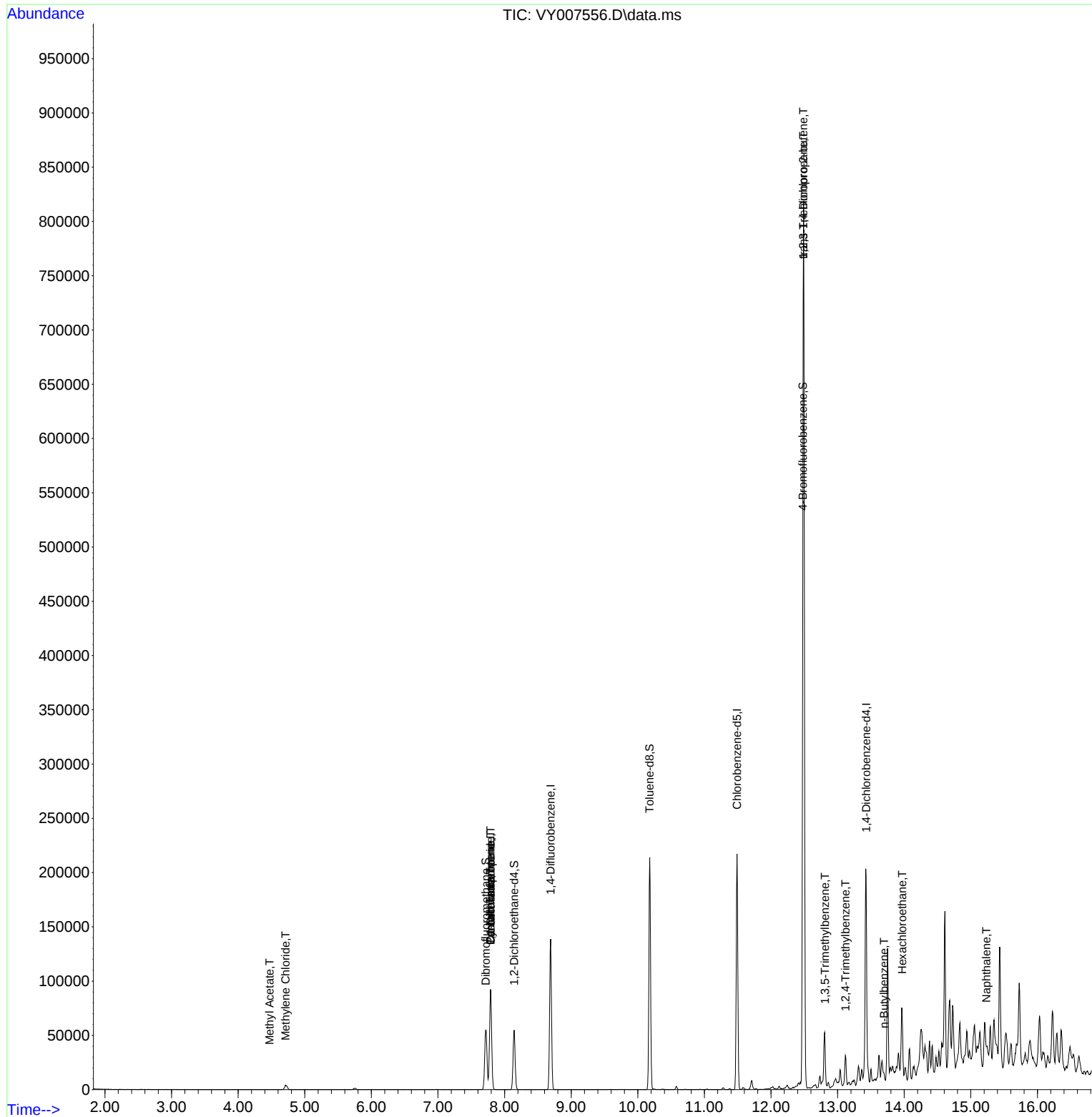
Internal Standards						
1) Pentafluorobenzene	7.789	168	66199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	115391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	43018	58.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.720%
35) Dibromofluoromethane	7.716	113	38468	52.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.720%
50) Toluene-d8	10.179	98	140017	50.660	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.477	95	50671	54.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.140%
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.472	43	42	1.472	ug/l #	56
20) Methylene Chloride	4.710	84	3152	3.966	ug/l #	77
31) Cyclohexane	7.789	56	1403	1.086	ug/l #	56
36) 1,1-Dichloropropene	7.789	75	5094	4.321	ug/l #	53
38) Carbon Tetrachloride	7.789	117	7300	5.449	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	35702	65.593	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	3747	1.084	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.483	75	35702	136.331	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.117	105	14876	4.438	ug/l	99
89) n-Butylbenzene	13.696	91	3804	1.090	ug/l #	73
90) Hexachloroethane	13.971	117	1216	1.735	ug/l #	6
95) Naphthalene	15.233	128	6086	3.037	ug/l #	75

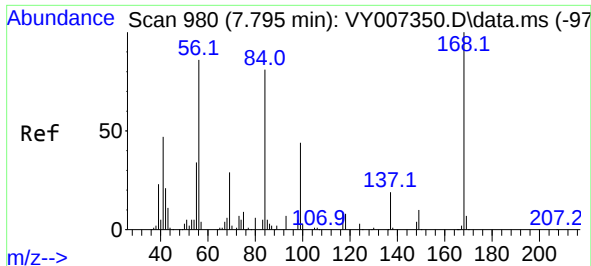
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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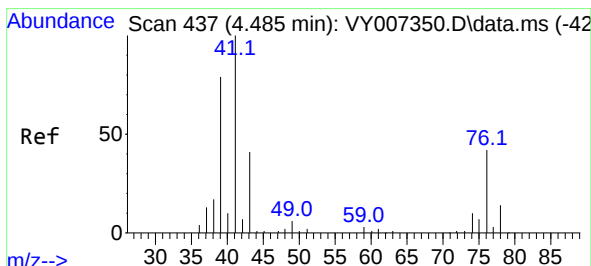
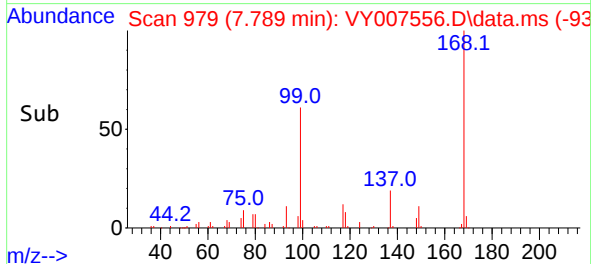
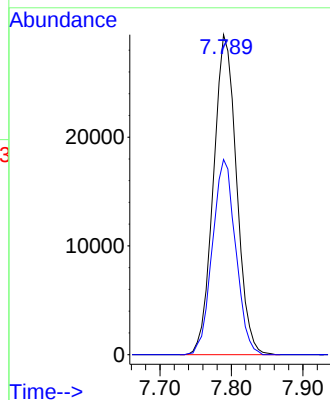
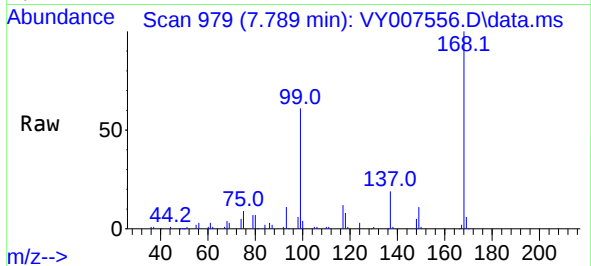




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

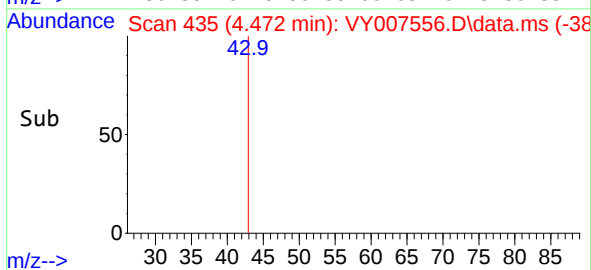
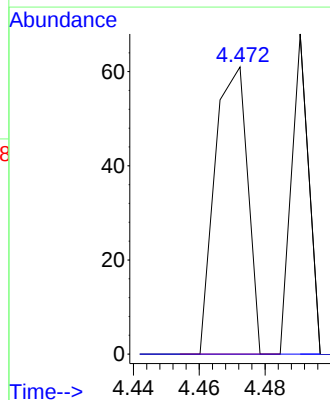
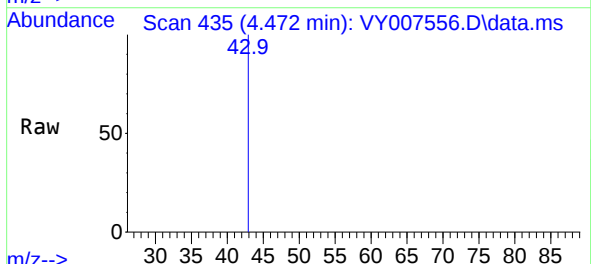
Instrument :
MSVOA_Y
ClientSampleId :
350

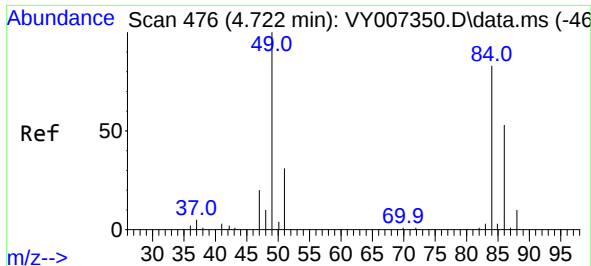
Tgt Ion:168 Resp: 66199
Ion Ratio Lower Upper
168 100
99 61.0 46.9 70.3



#18
Methyl Acetate
Concen: 1.472 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.013 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



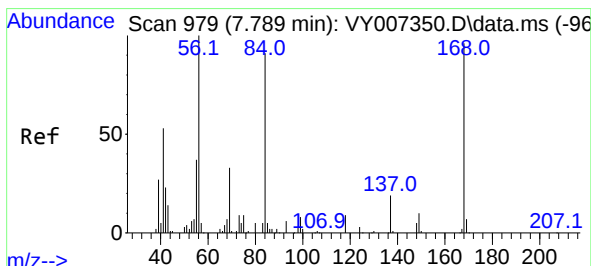
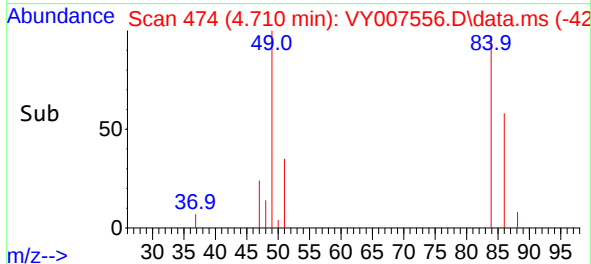
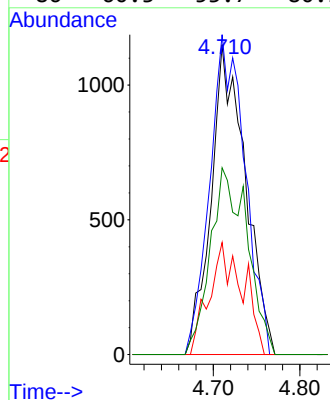
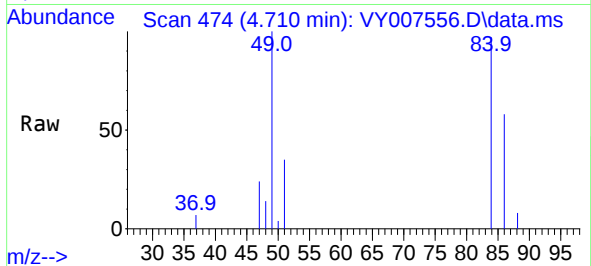


#20
Methylene Chloride
Concen: 3.966 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Instrument :
MSVOA_Y
ClientSampleId :
350

Tgt Ion: 84 Resp: 3152

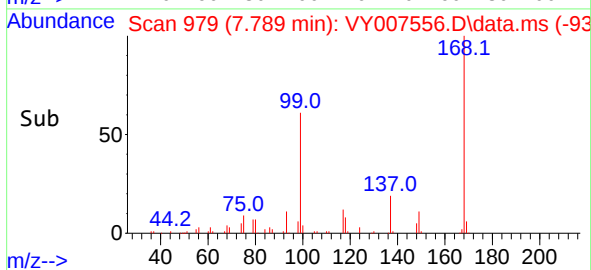
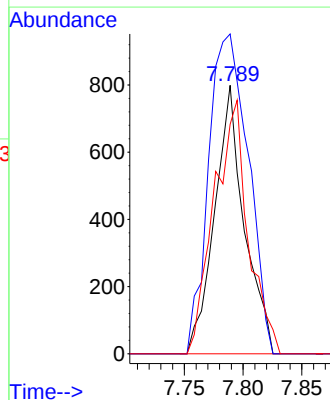
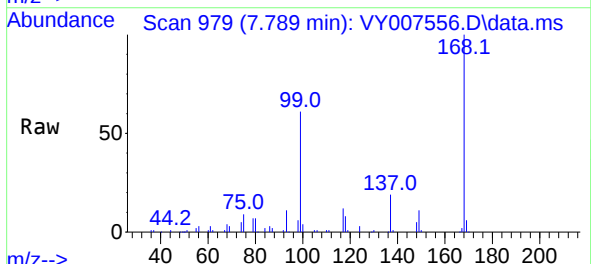
Ion	Ratio	Lower	Upper
84	100		
49	103.2	114.4	171.6#
51	36.2	35.3	52.9
86	60.3	53.7	80.5

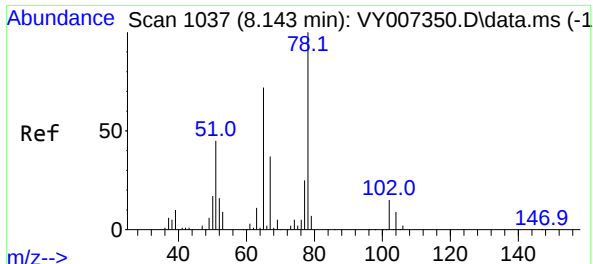


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Tgt Ion: 56 Resp: 1403

Ion	Ratio	Lower	Upper
56	100		
69	119.1	26.7	40.1#
84	85.5	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 58.858 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007556.D

Acq: 18 Feb 2022 19:35

Instrument :

MSVOA_Y

ClientSampleId :

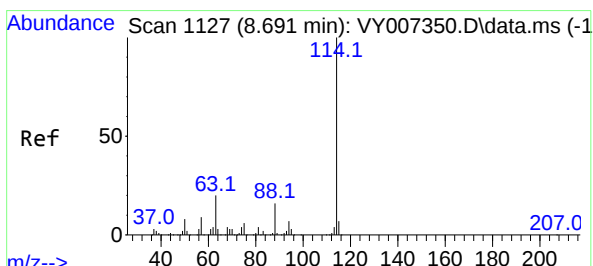
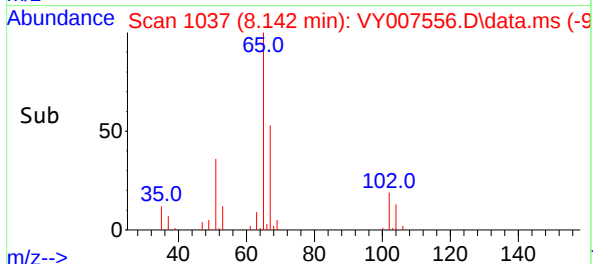
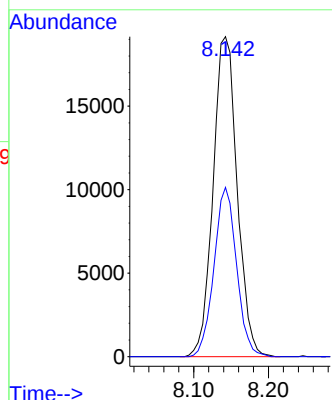
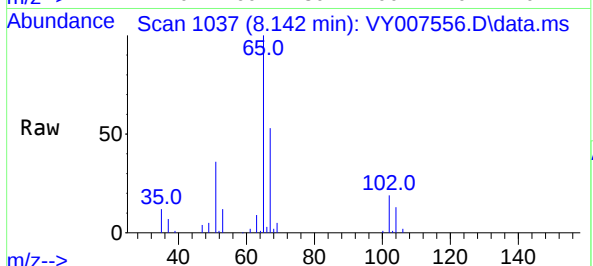
350

Tgt Ion: 65 Resp: 43018

Ion Ratio Lower Upper

65 100

67 49.5 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: VY007556.D

Acq: 18 Feb 2022 19:35

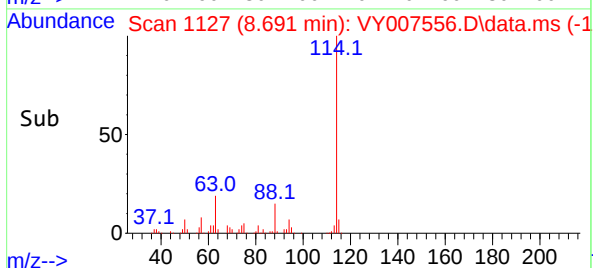
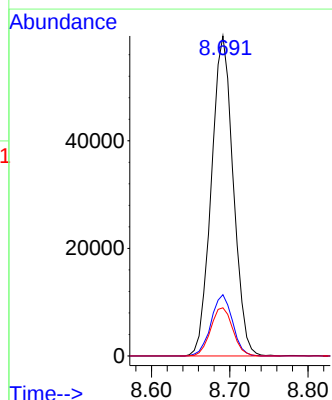
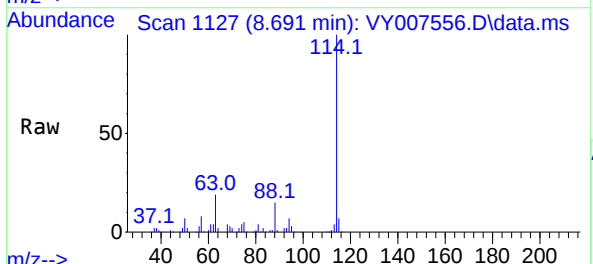
Tgt Ion: 114 Resp: 115391

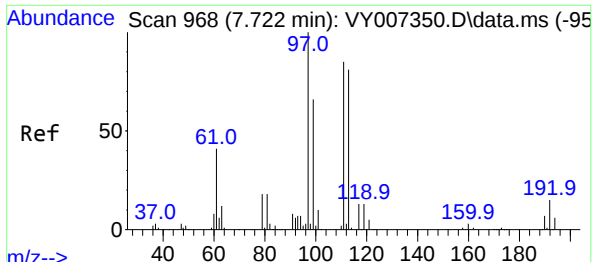
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.863 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY007556.D

Acq: 18 Feb 2022 19:35

Instrument :

MSVOA_Y

ClientSampleId :

350

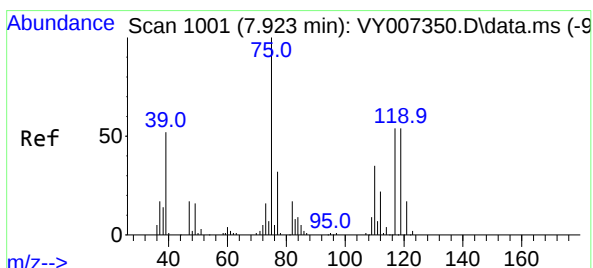
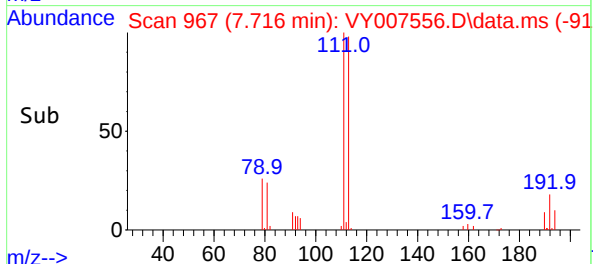
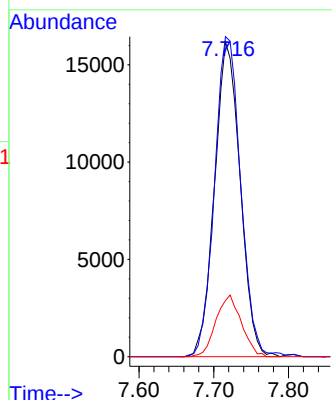
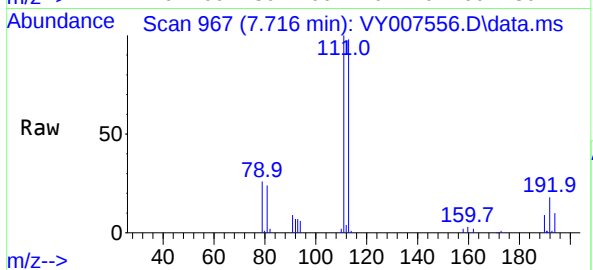
Tgt Ion:113 Resp: 38468

Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 19.5 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY007556.D

Acq: 18 Feb 2022 19:35

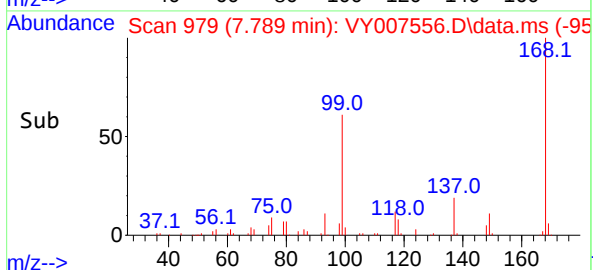
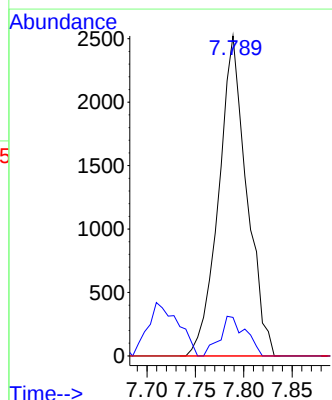
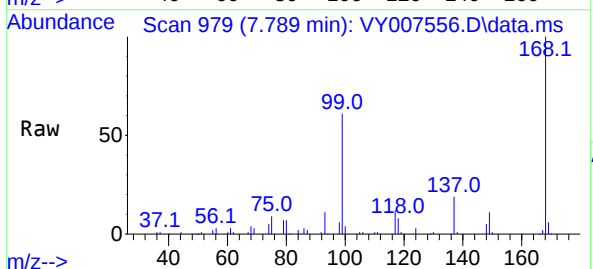
Tgt Ion: 75 Resp: 5094

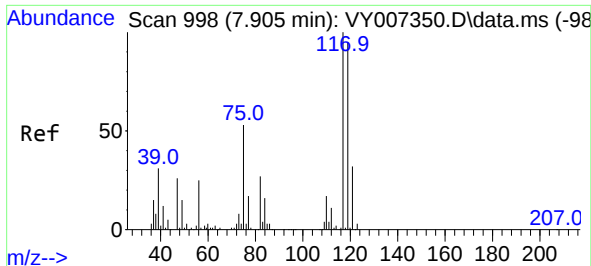
Ion Ratio Lower Upper

75 100

110 11.2 17.1 51.2#

77 0.0 24.4 36.6#

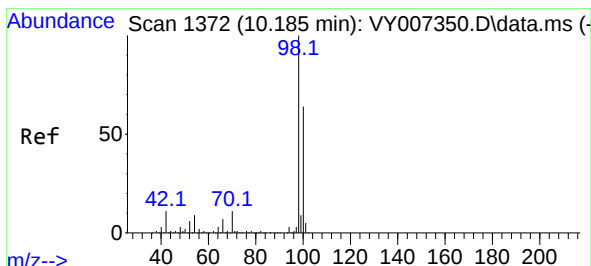
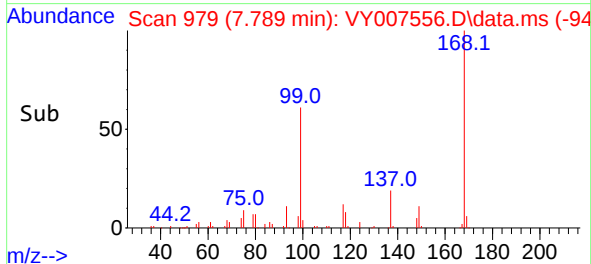
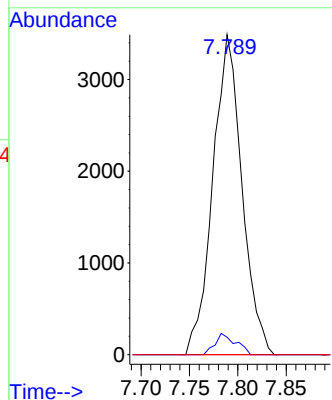
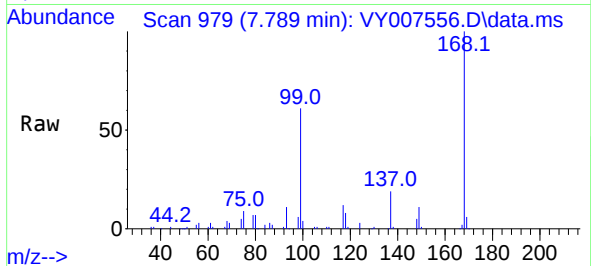




#38
Carbon Tetrachloride
Concen: 5.449 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

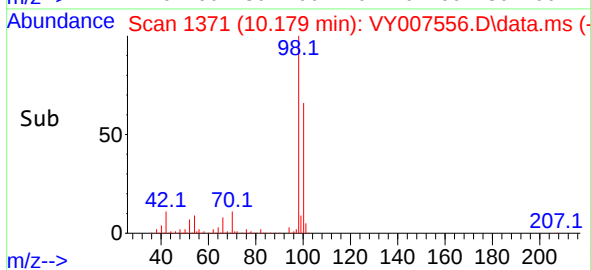
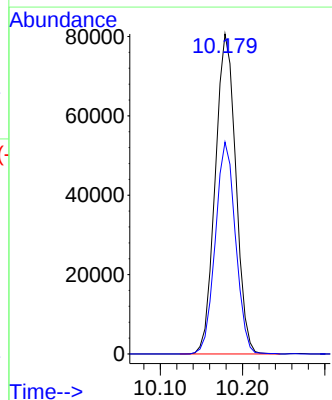
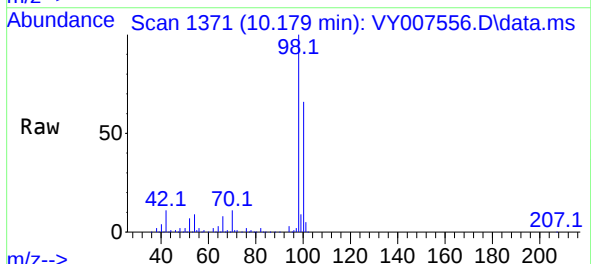
Instrument :
MSVOA_Y
ClientSampleId :
350

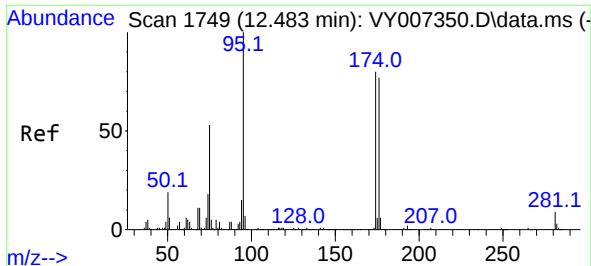
Tgt Ion:117 Resp: 7300
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.660 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Tgt Ion: 98 Resp: 140017
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

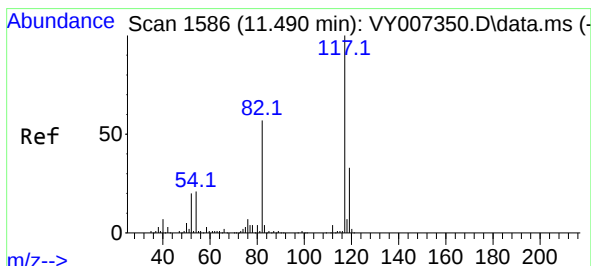
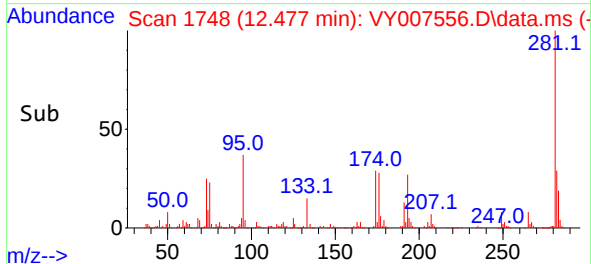
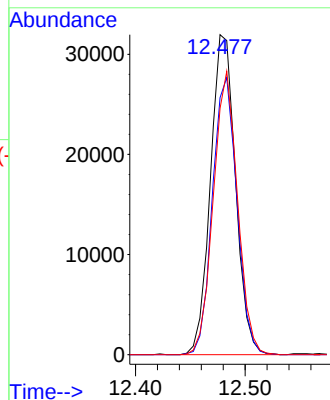
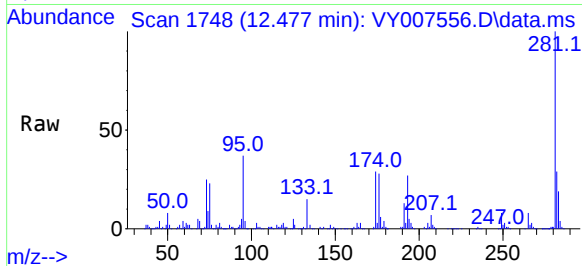




#62
4-Bromofluorobenzene
Concen: 54.069 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

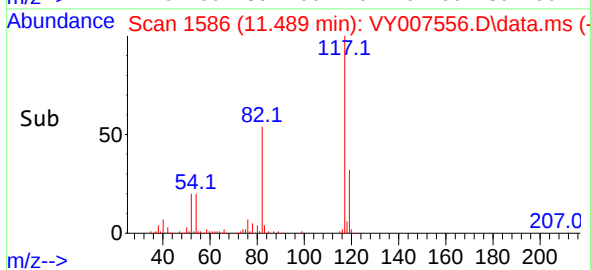
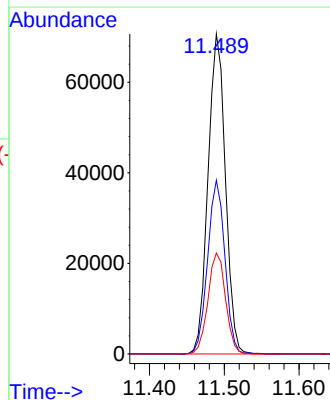
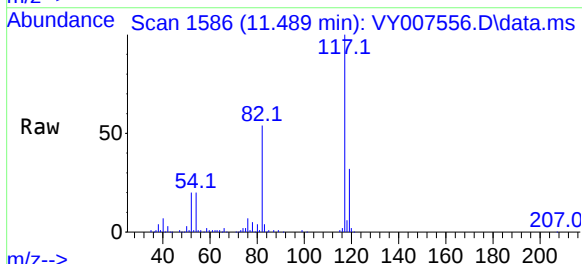
Instrument :
MSVOA_Y
ClientSampleId :
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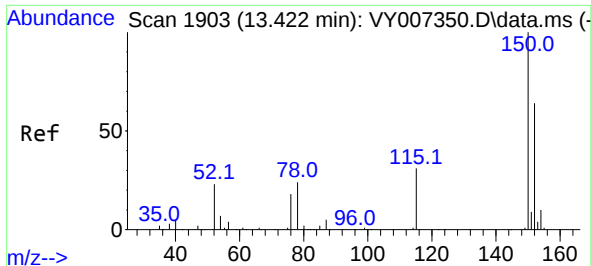
Tgt Ion:	95	Resp:	50671
Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	177.0
176	85.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Tgt Ion:	117	Resp:	114186
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.4
119	31.6	25.4	38.0

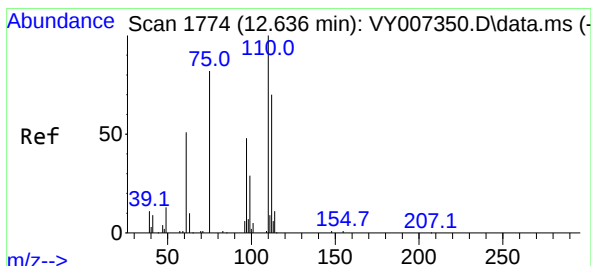
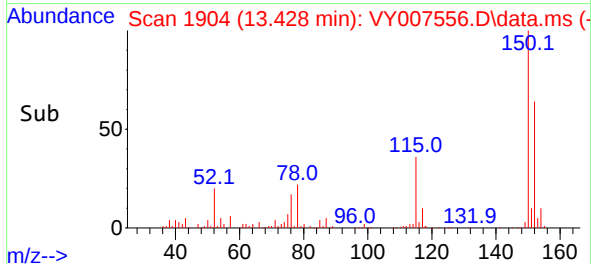
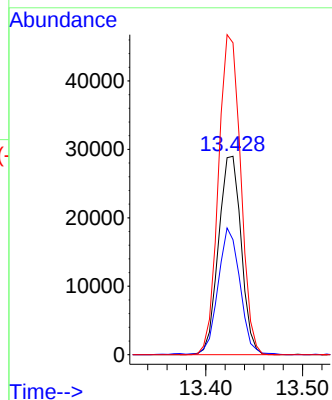
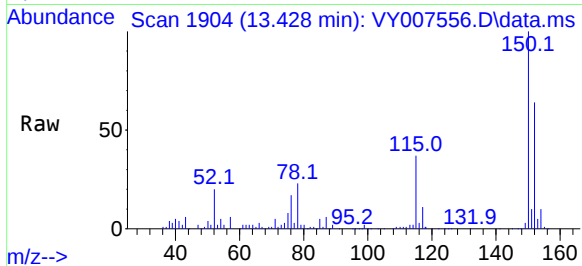




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007556.D
 Acq: 18 Feb 2022 19:35

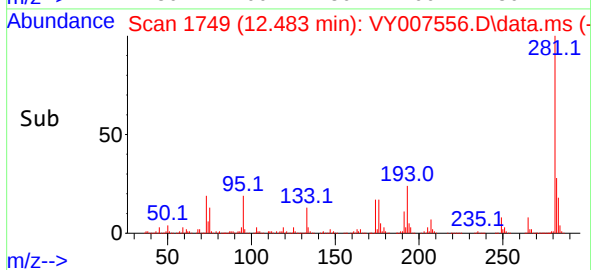
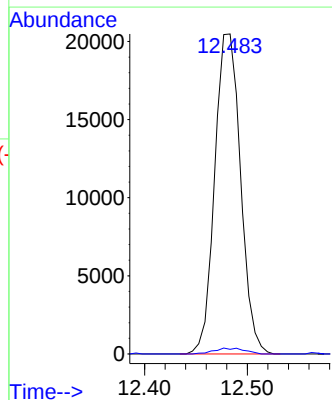
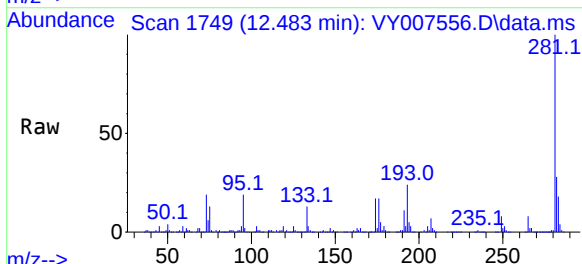
Instrument :
 MSVOA_Y
 ClientSampleId :
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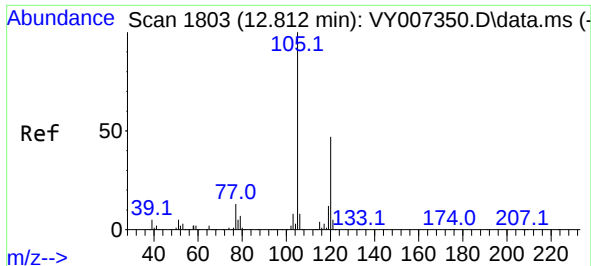
Tgt Ion:152 Resp: 47107
 Ion Ratio Lower Upper
 152 100
 115 61.9 28.2 84.7
 150 158.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 65.593 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY007556.D
 Acq: 18 Feb 2022 19:35

Tgt Ion: 75 Resp: 35702
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#

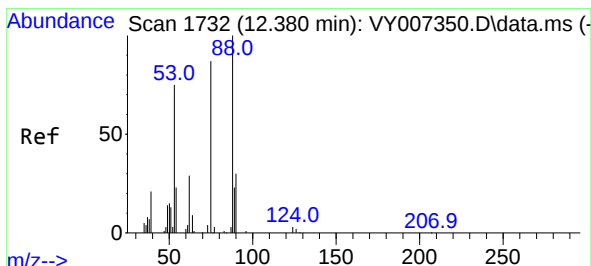
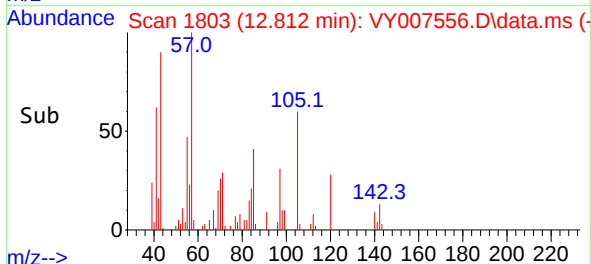
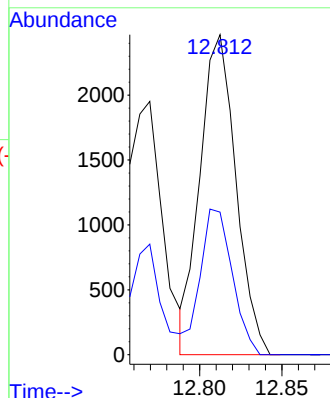
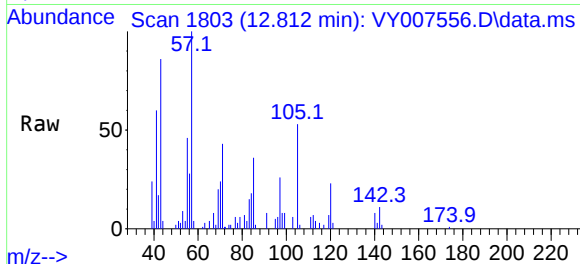




#80
1,3,5-Trimethylbenzene
Concen: 1.084 ug/l
RT: 12.812 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

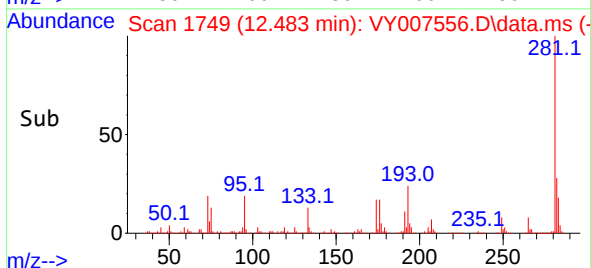
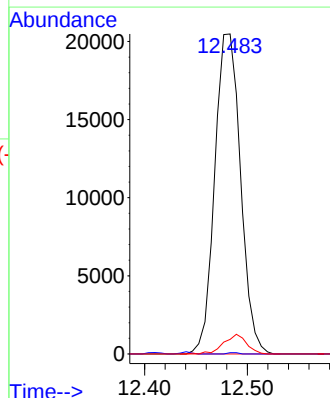
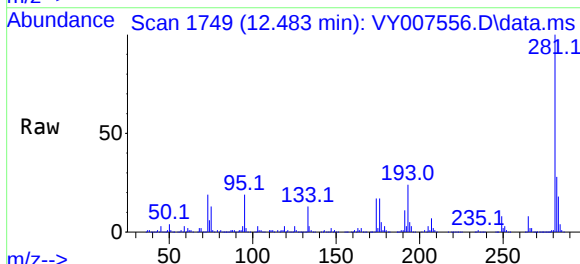
Instrument :
MSVOA_Y
ClientSampleId :
350

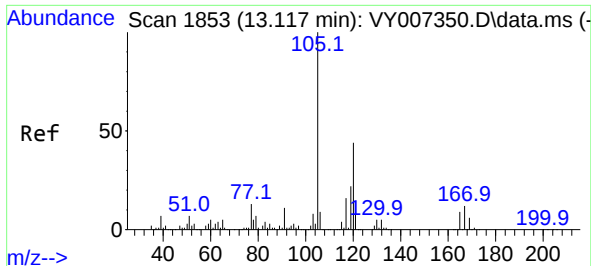
Tgt Ion:105 Resp: 3747
Ion Ratio Lower Upper
105 100
120 40.7 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 136.331 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Tgt Ion: 75 Resp: 35702
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 5.5 37.0 55.4#

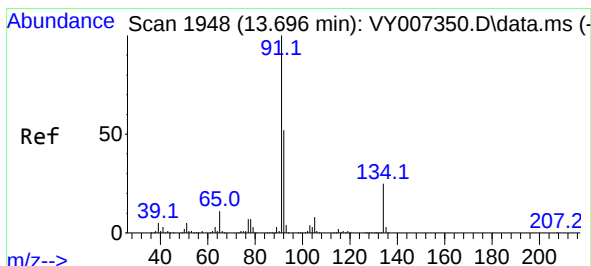
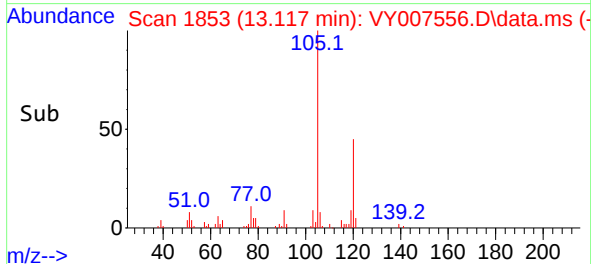
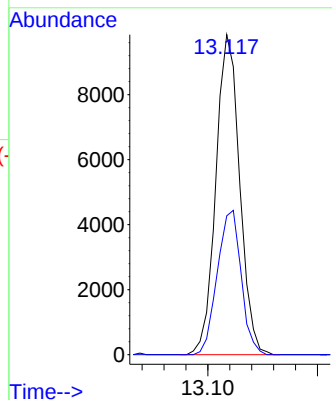
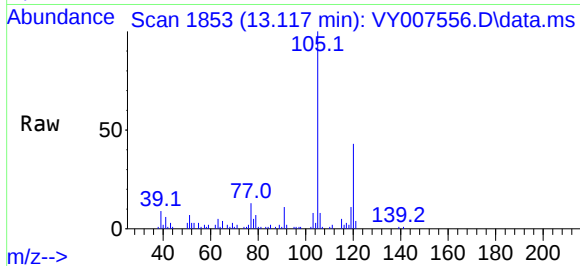




#84
1,2,4-Trimethylbenzene
Concen: 4.438 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

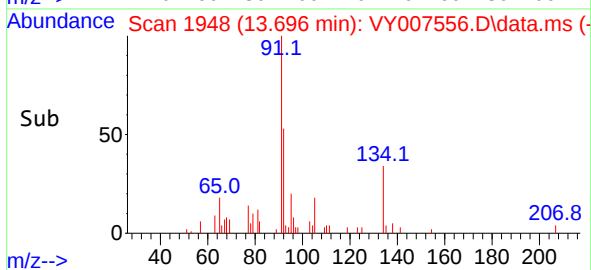
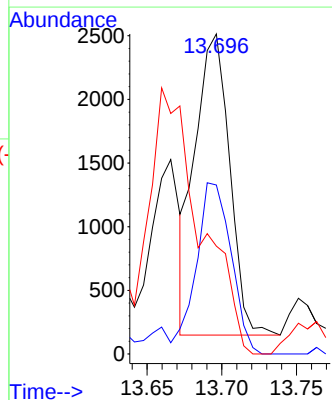
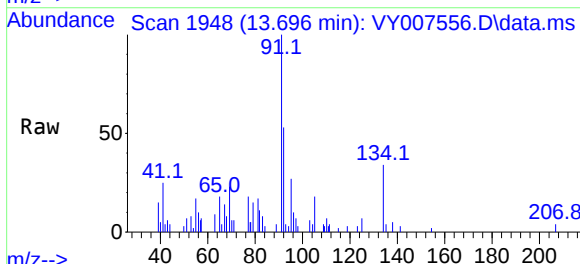
Instrument :
MSVOA_Y
ClientSampleId :
350

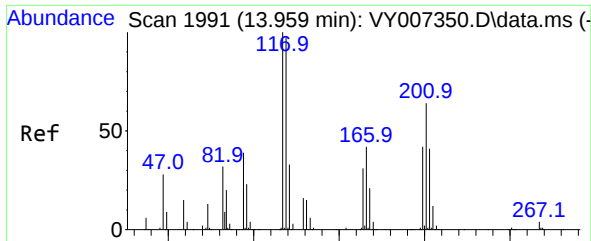
Tgt Ion:105 Resp: 14876
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9



#89
n-Butylbenzene
Concen: 1.090 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

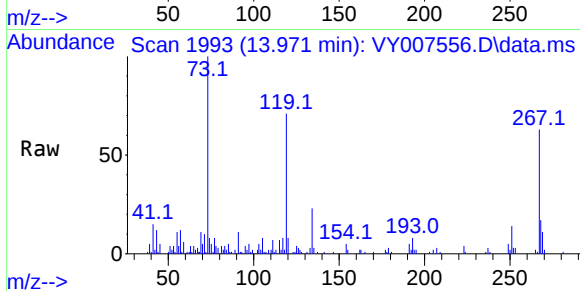
Tgt Ion: 91 Resp: 3804
Ion Ratio Lower Upper
91 100
92 63.0 26.3 78.9
134 0.0 13.0 38.9#



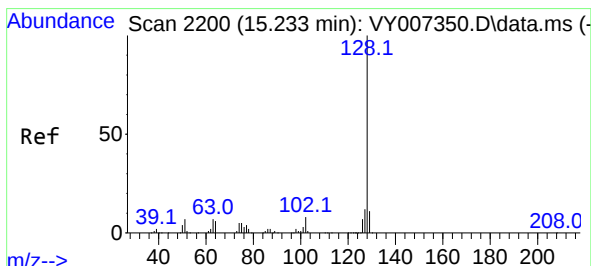
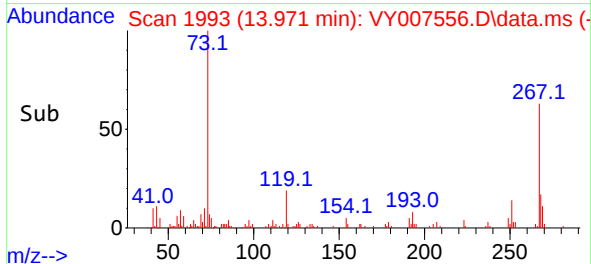
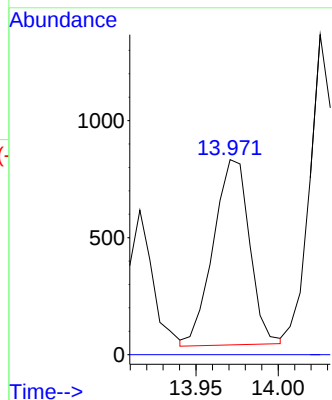


#90
Hexachloroethane
Concen: 1.735 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Instrument :
MSVOA_Y
ClientSampleId :
350



Tgt Ion:117 Resp: 1216
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#95
Naphthalene
Concen: 3.037 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007556.D
Acq: 18 Feb 2022 19:35

Tgt Ion:128 Resp: 6086
Ion Ratio Lower Upper
128 100
127 24.8 11.0 16.4#
129 18.8 8.4 12.6#

