

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007552.D
 Acq On : 18 Feb 2022 18:01
 Operator : SY/MD
 Sample : N1600-05
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA6

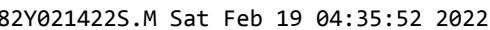
Quant Time: Feb 19 04:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

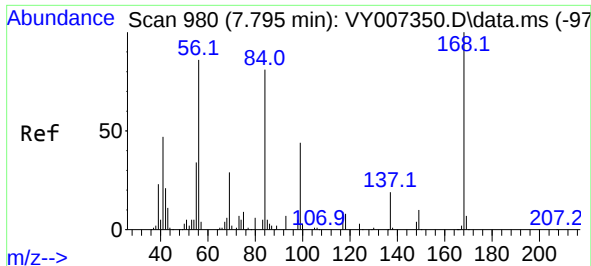
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	68766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	121596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43198	56.898	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.800%
35) Dibromofluoromethane	7.716	113	40614	52.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.920%
50) Toluene-d8	10.179	98	146961	50.459	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.483	95	55002	55.695	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.400%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	90	Below Cal	#	44
16) Acetone	3.960	43	377	1.872	ug/l	100
18) Methyl Acetate	4.472	43	40	1.465	ug/l #	56
20) Methylene Chloride	4.716	84	9240	11.192	ug/l #	78
31) Cyclohexane	7.783	56	1754	1.306	ug/l #	36
36) 1,1-Dichloropropene	7.783	75	5276	4.247	ug/l #	53
38) Carbon Tetrachloride	7.789	117	7961	5.639	ug/l #	17
39) Methylcyclohexane	9.185	83	1629	1.010	ug/l #	74
52) Toluene	10.246	92	2924	1.335	ug/l	81
55) 1,1,2-Trichloroethane	10.624	97	962	1.438	ug/l #	21
67) Ethyl Benzene	11.587	91	8039	1.651	ug/l	90
68) m/p-Xylenes	11.703	106	4126	2.240	ug/l	100
69) o-Xylene	12.026	106	9772	5.606	ug/l	97
73) Isopropylbenzene	12.331	105	5911	1.238	ug/l	82
76) 1,2,3-Trichloropropane	12.477	75	29925	48.040	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.806	105	13620	3.443	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.477	75	29925	99.847	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.117	105	13987	3.646	ug/l	96
90) Hexachloroethane	13.971	117	1542	1.922	ug/l #	6

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
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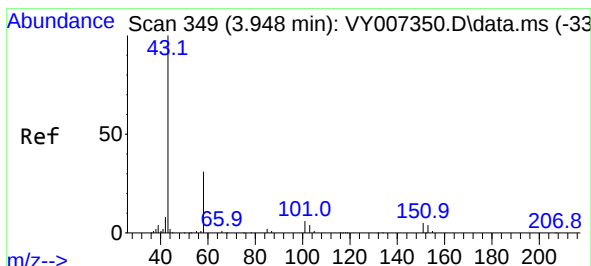
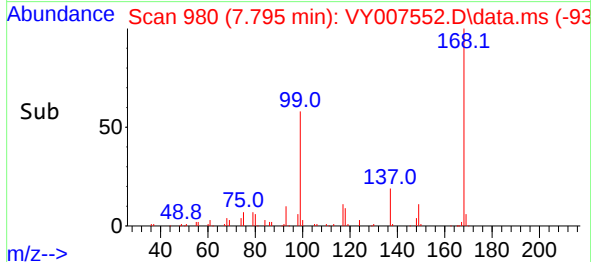
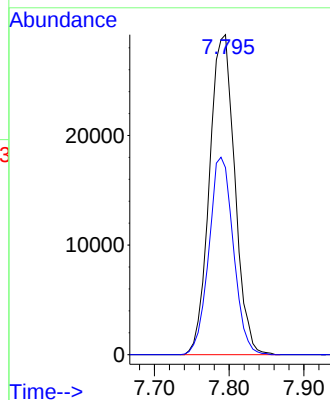
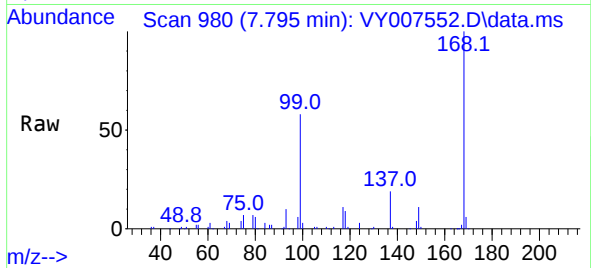




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

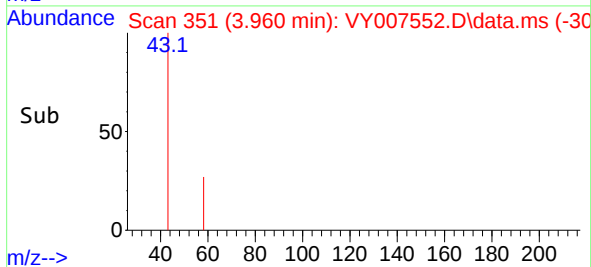
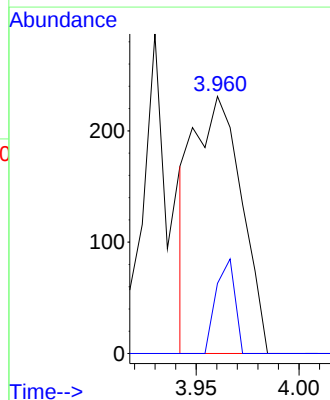
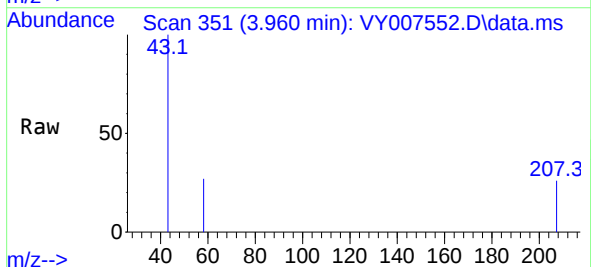
Instrument :
MSVOA_Y
ClientSampleId :
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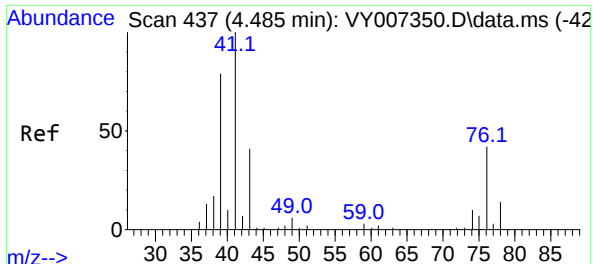
Tgt Ion:168 Resp: 68766
Ion Ratio Lower Upper
168 100
99 58.4 46.9 70.3



#16
Acetone
Concen: 1.872 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Tgt Ion: 43 Resp: 377
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0

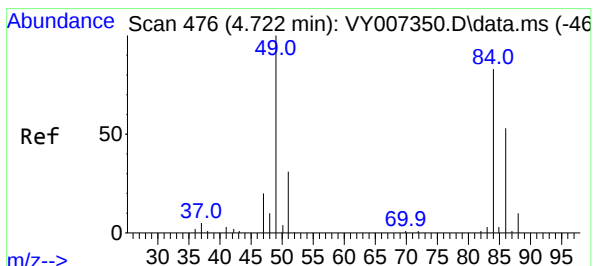
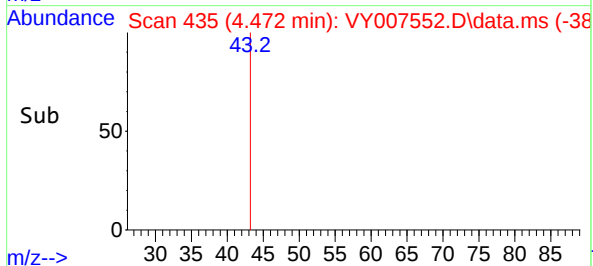
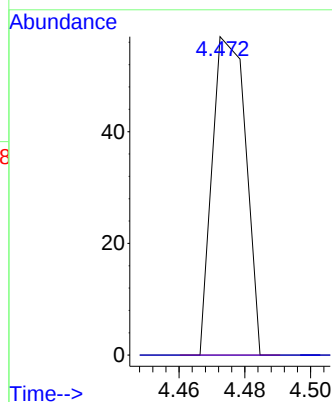
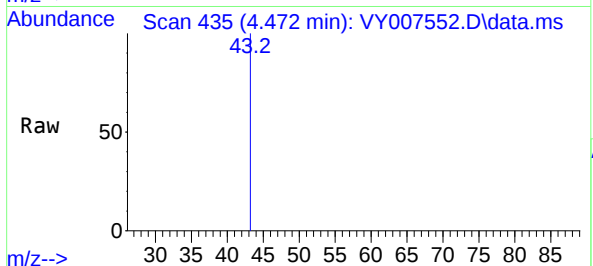




#18
Methyl Acetate
Concen: 1.465 ug/l
RT: 4.472 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

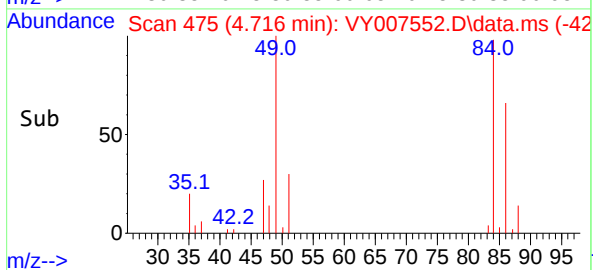
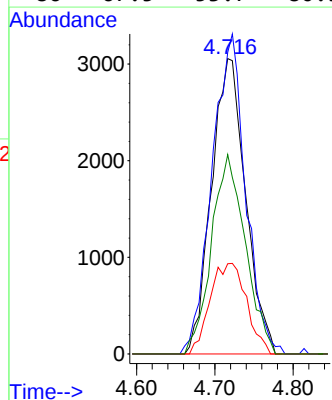
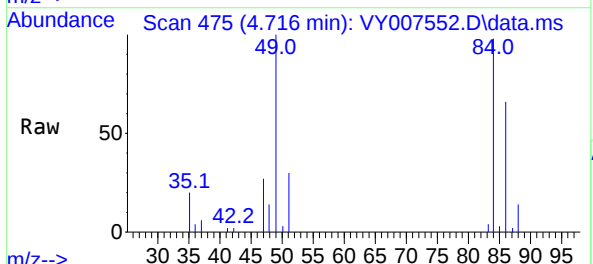
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MSVOA_Y
ClientSampleId :
C0AA6

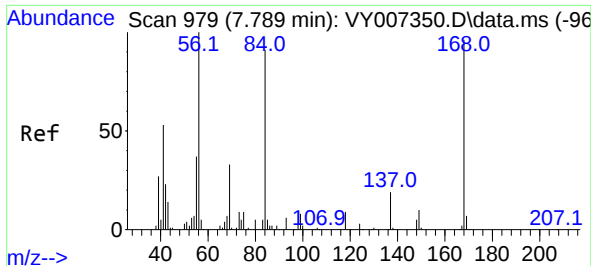
Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 11.192 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

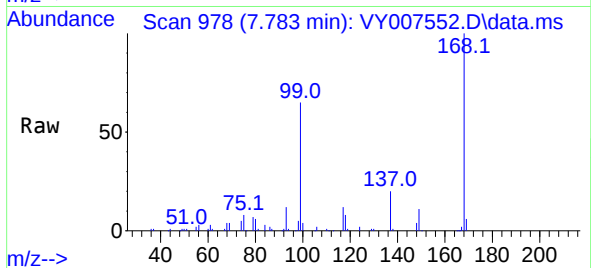
Tgt Ion: 84 Resp: 9240
Ion Ratio Lower Upper
84 100
49 102.1 114.4 171.6#
51 30.6 35.3 52.9#
86 67.5 53.7 80.5



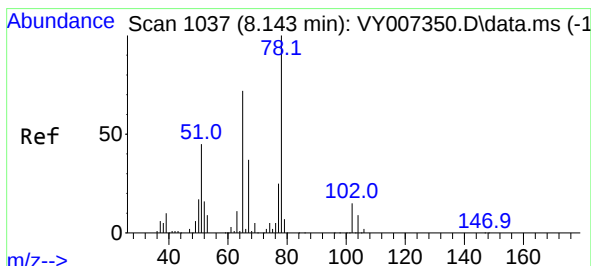
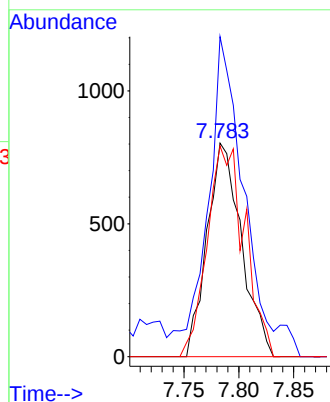
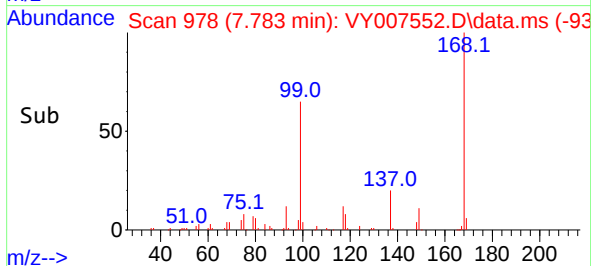


#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

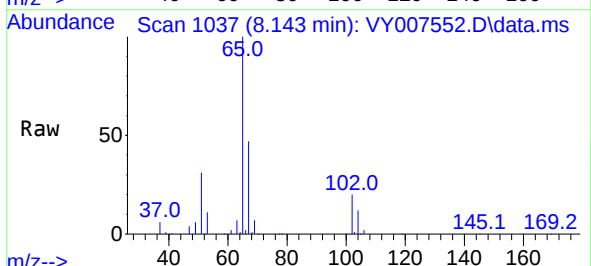
Instrument :
MSVOA_Y
ClientSampleId :
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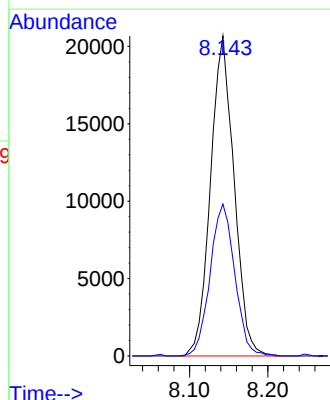
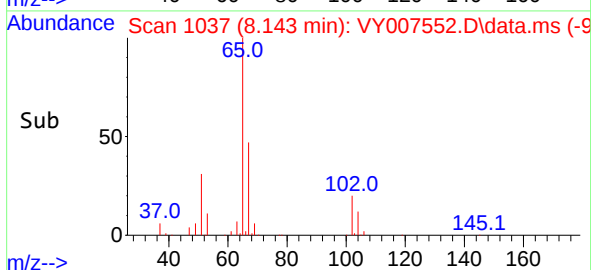
Tgt Ion: 56 Resp: 1754
Ion Ratio Lower Upper
56 100
69 137.7 26.7 40.1#
84 98.5 67.2 100.8

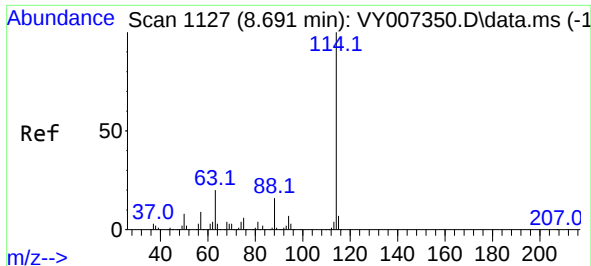


#33
1,2-Dichloroethane-d4
Concen: 56.898 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01



Tgt Ion: 65 Resp: 43198
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4

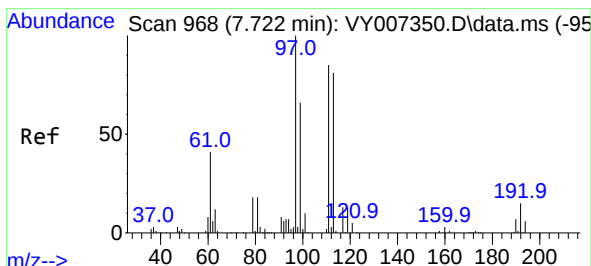
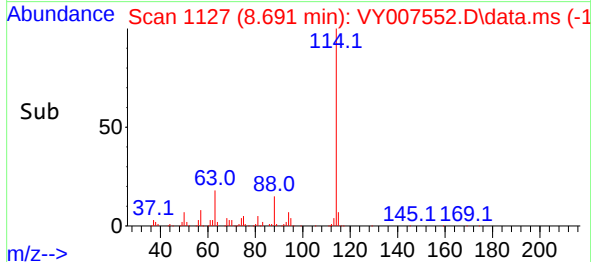
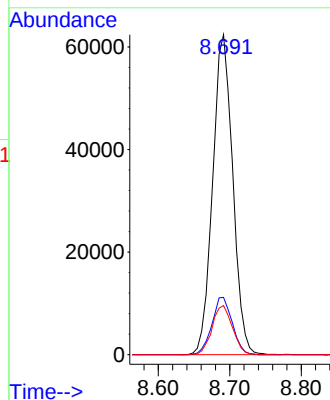
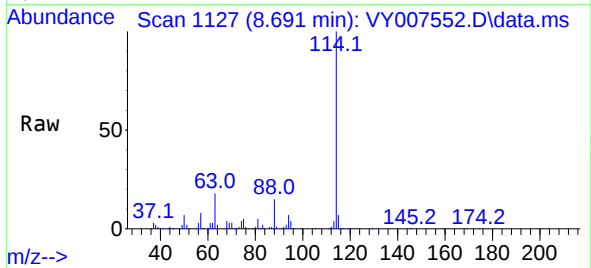




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

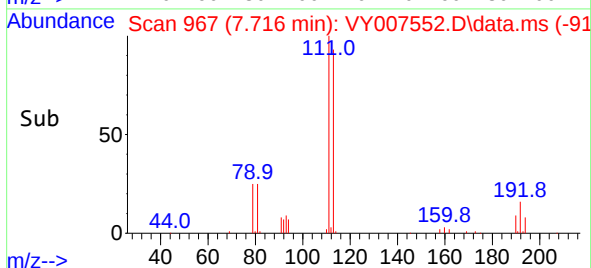
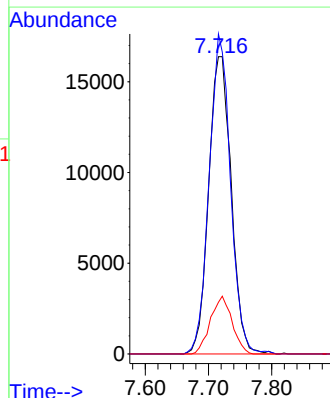
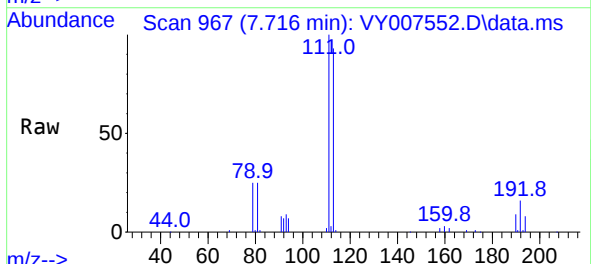
Instrument :
MSVOA_Y
ClientSampleId :
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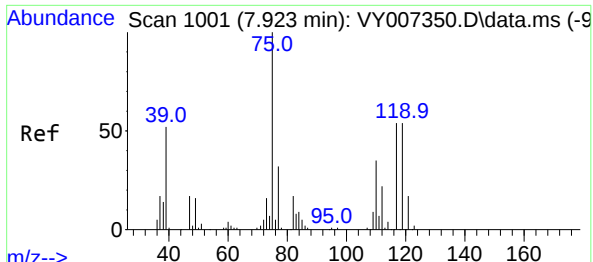
Tgt Ion:114 Resp: 121596
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.964 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

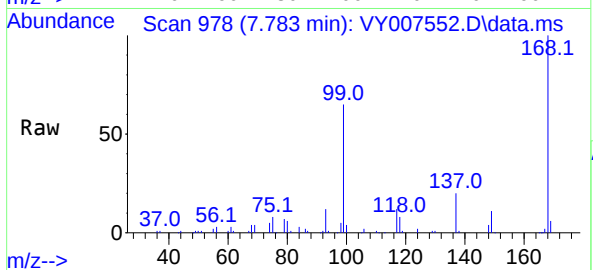
Tgt Ion:113 Resp: 40614
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 18.6 17.6 26.4



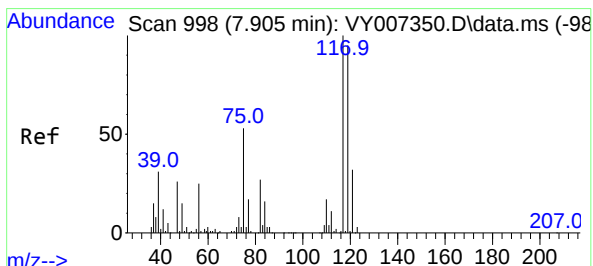
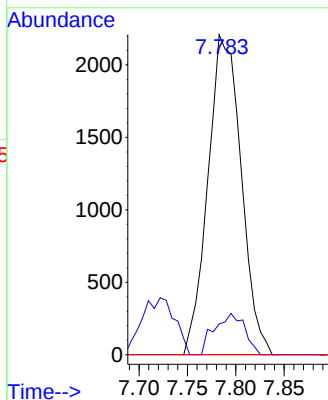
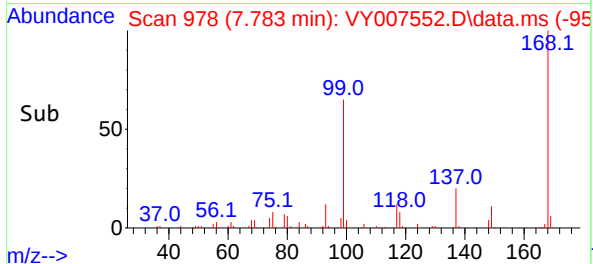


#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

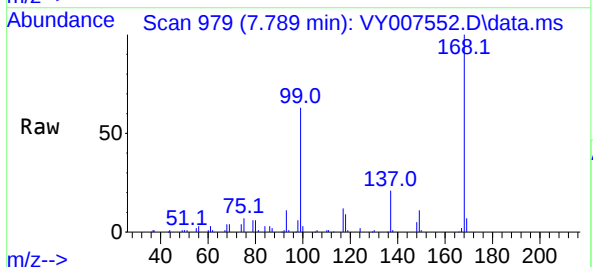
Instrument :
MSVOA_Y
ClientSampleId :
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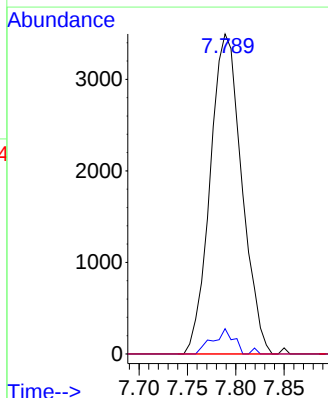
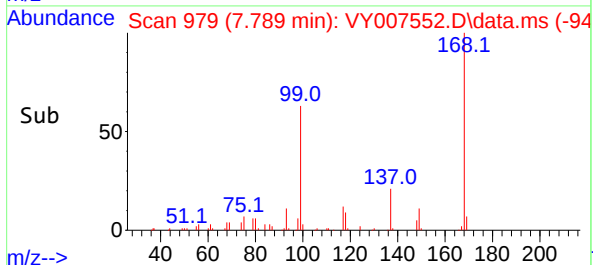
Tgt Ion: 75 Resp: 5276
Ion Ratio Lower Upper
75 100
110 11.7 17.1 51.2#
77 0.0 24.4 36.6#

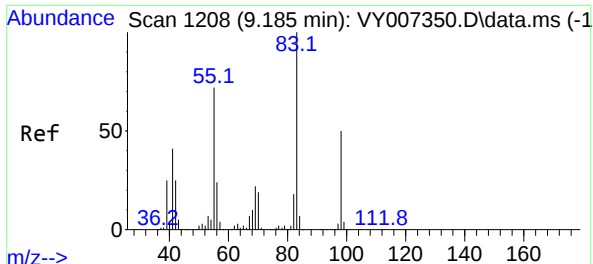


#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01



Tgt Ion: 117 Resp: 7961
Ion Ratio Lower Upper
117 100
119 7.9 77.9 116.9#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.010 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007552.D

Acq: 18 Feb 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

C0AA6

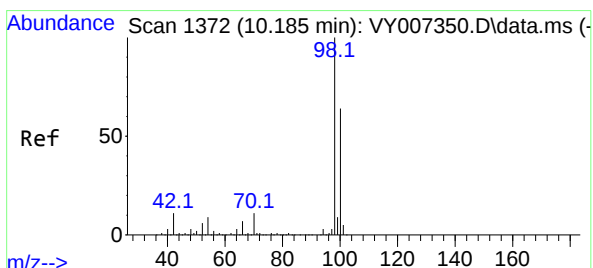
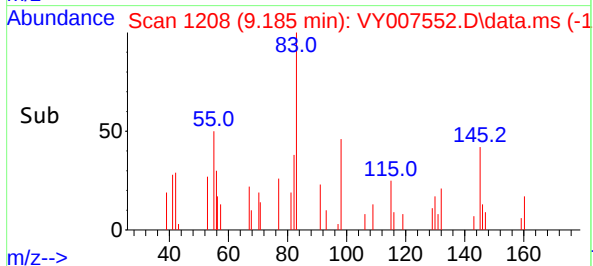
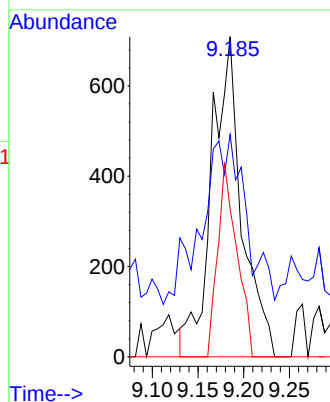
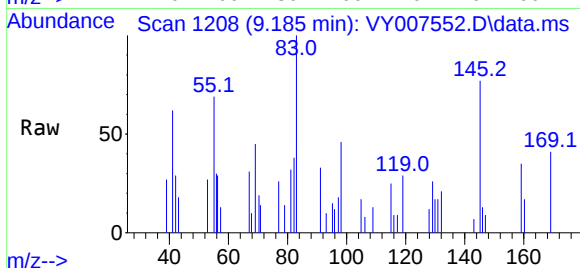
Tgt Ion: 83 Resp: 1629

Ion Ratio Lower Upper

83 100

55 47.1 66.5 99.7#

98 46.3 37.9 56.9



#50

Toluene-d8

Concen: 50.459 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007552.D

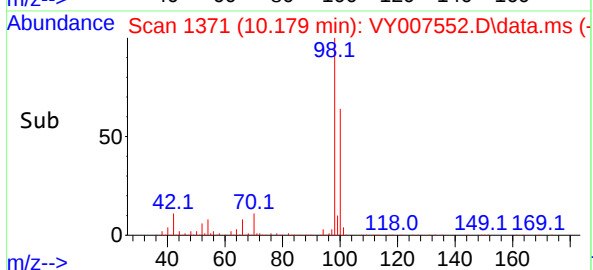
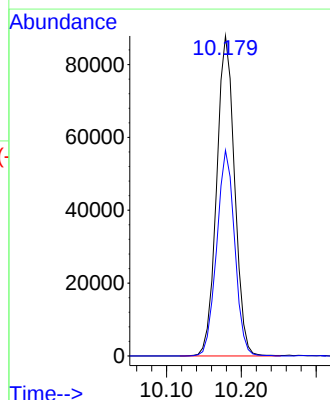
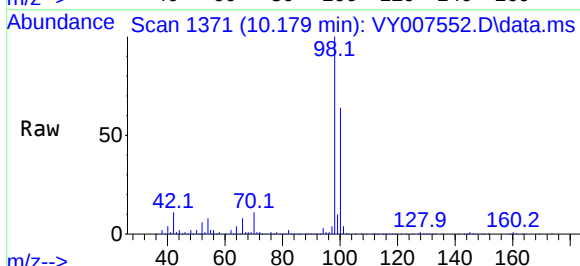
Acq: 18 Feb 2022 18:01

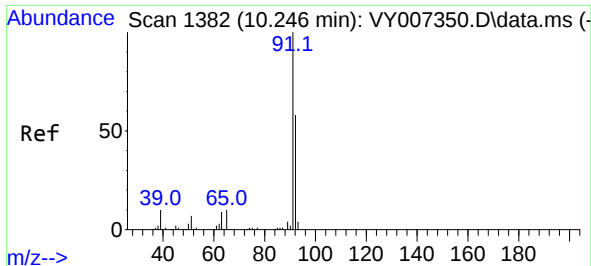
Tgt Ion: 98 Resp: 146961

Ion Ratio Lower Upper

98 100

100 64.2 50.2 75.2

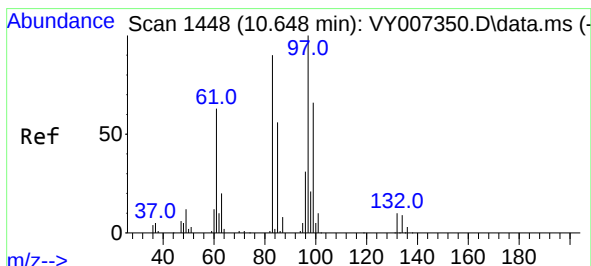
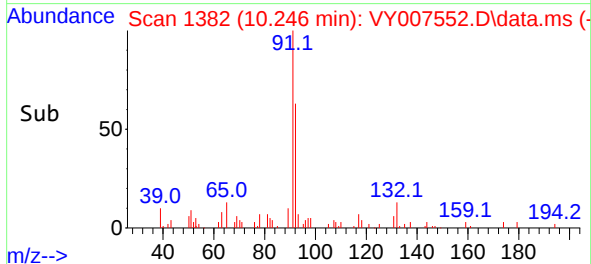
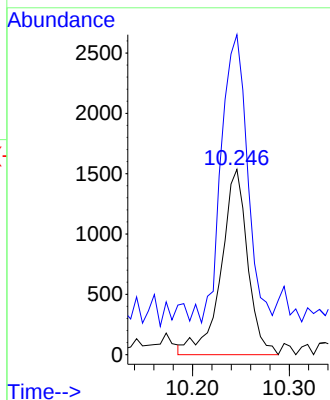
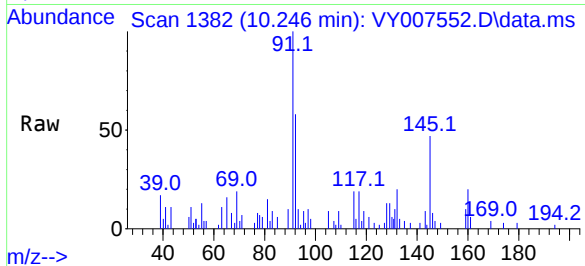




#52
Toluene
Concen: 1.335 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

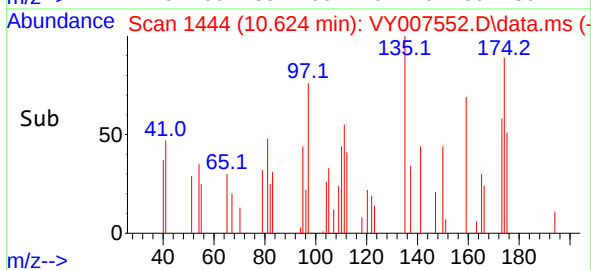
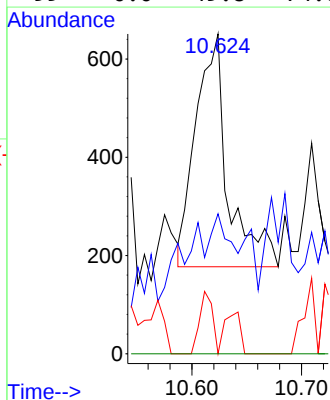
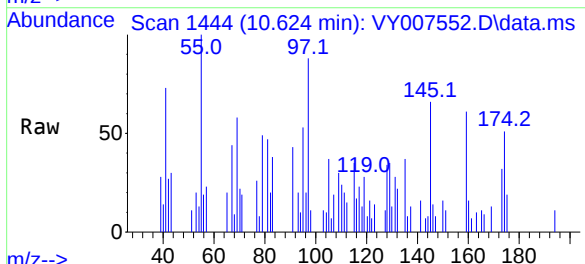
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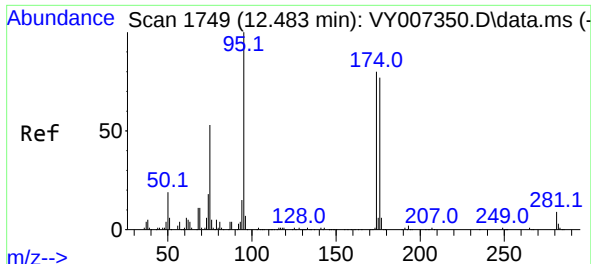
Tgt Ion: 92 Resp: 2924
Ion Ratio Lower Upper
92 100
91 152.1 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 1.438 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Tgt Ion: 97 Resp: 962
Ion Ratio Lower Upper
97 100
83 12.7 69.8 104.8#
85 0.0 44.3 66.5#
99 0.0 49.8 74.6#

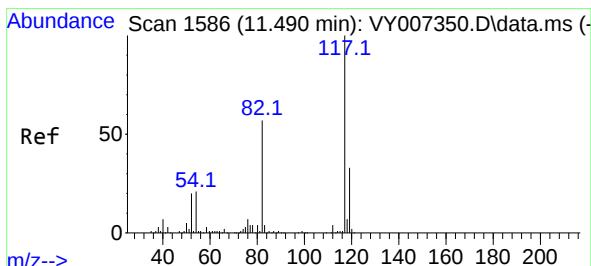
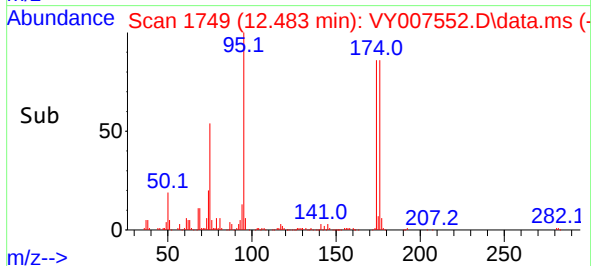
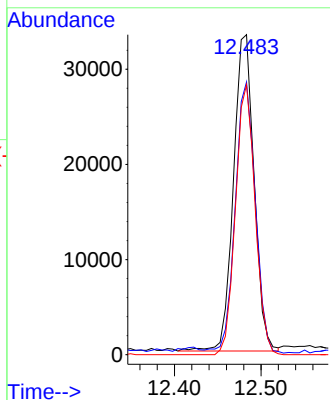
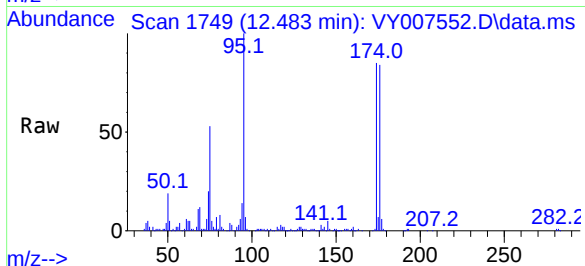




#62
4-Bromofluorobenzene
Concen: 55.695 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

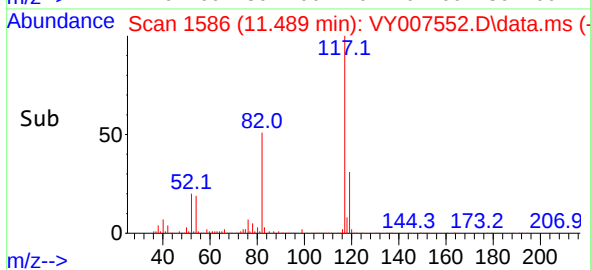
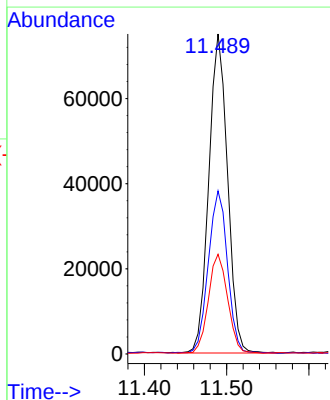
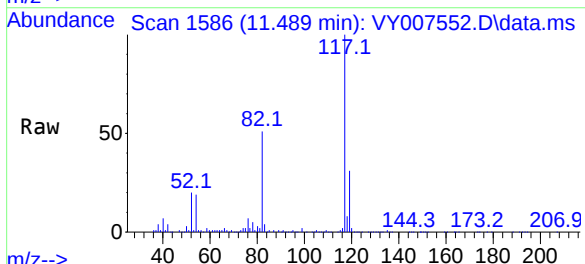
Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

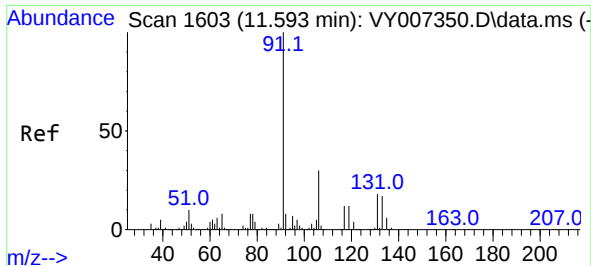
Tgt Ion: 95 Resp: 55002
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Tgt Ion: 117 Resp: 118757
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 30.9 25.4 38.0

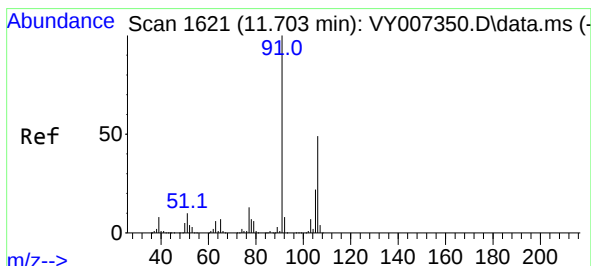
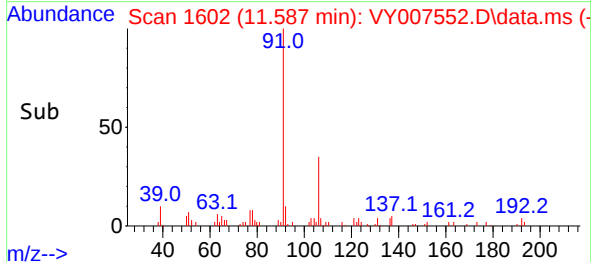
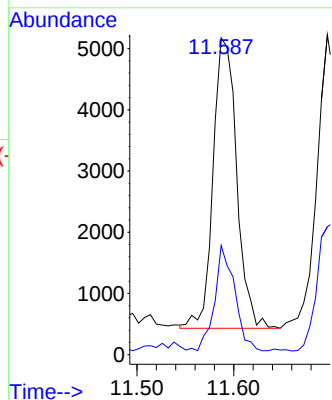
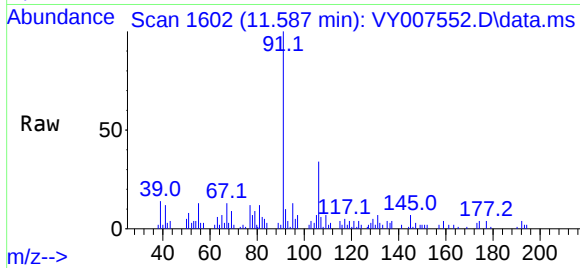




#67
Ethyl Benzene
Concen: 1.651 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

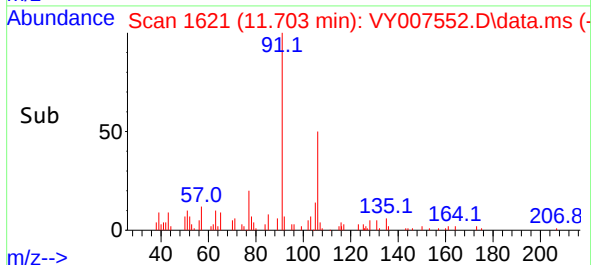
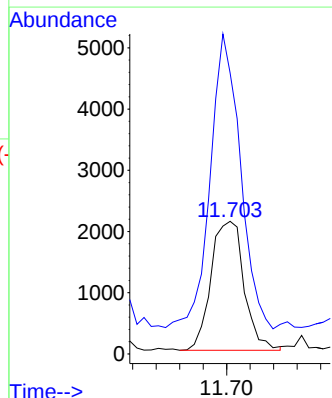
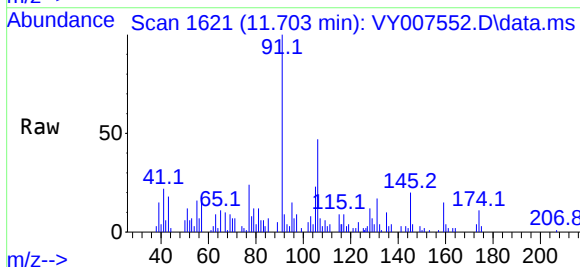
Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

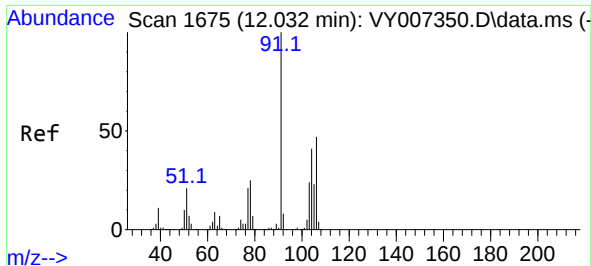
Tgt Ion: 91 Resp: 8039
Ion Ratio Lower Upper
91 100
106 36.0 24.5 36.7



#68
m/p-Xylenes
Concen: 2.240 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Tgt Ion: 106 Resp: 4126
Ion Ratio Lower Upper
106 100
91 208.2 166.6 249.8

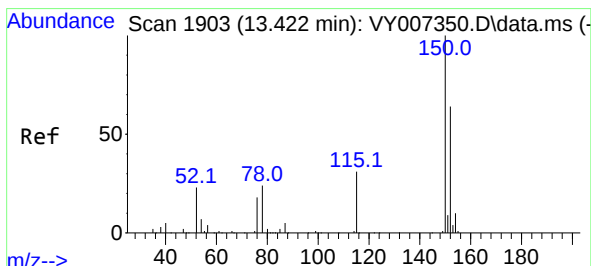
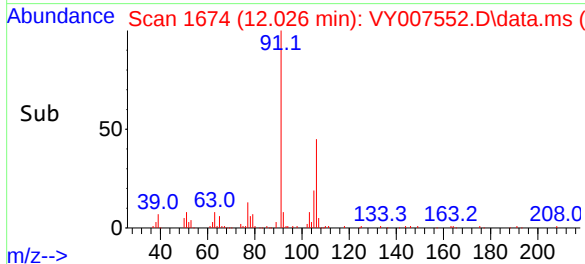
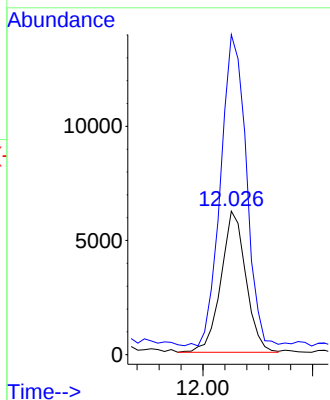
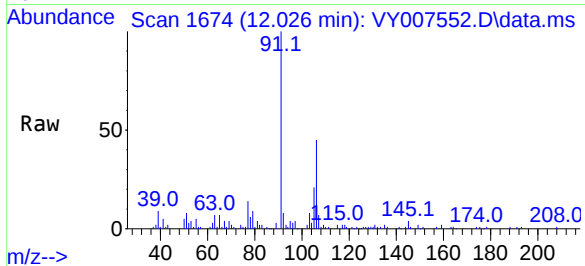




#69
o-Xylene
Concen: 5.606 ug/l
RT: 12.026 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

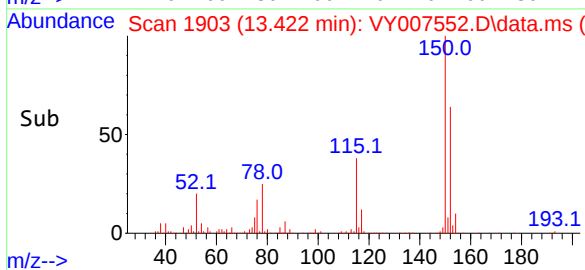
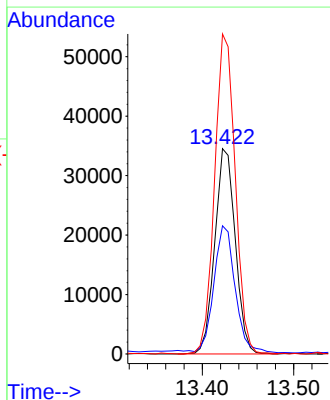
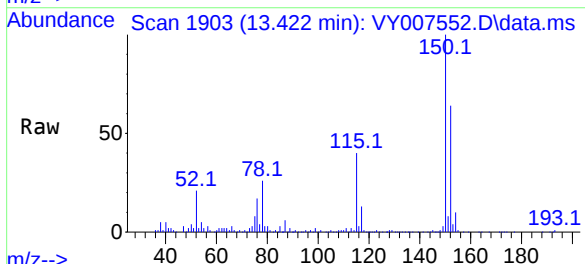
Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

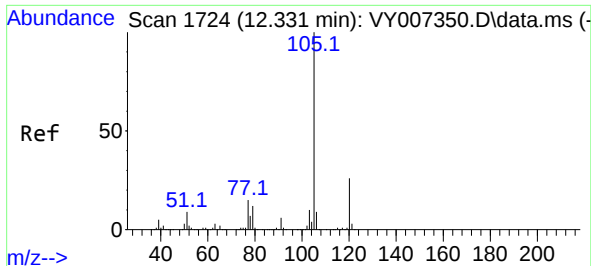
Tgt Ion:106 Resp: 9772
Ion Ratio Lower Upper
106 100
91 225.8 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Tgt Ion:152 Resp: 53912
Ion Ratio Lower Upper
152 100
115 64.7 28.2 84.7
150 156.5 0.0 347.6

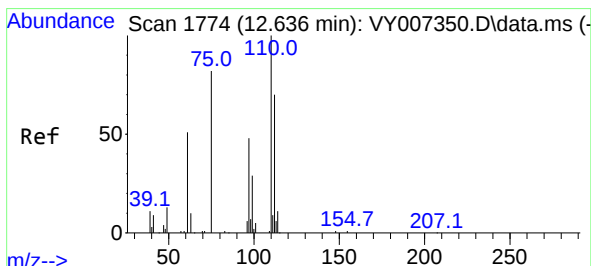
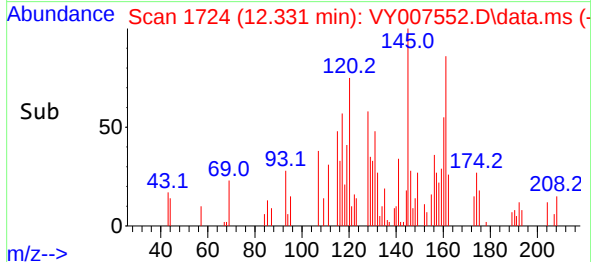
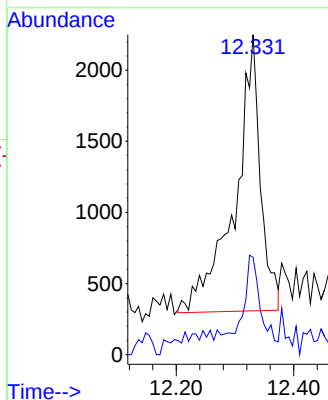
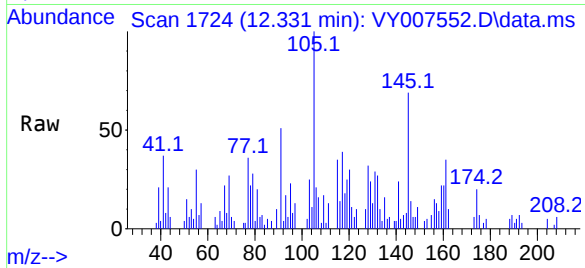




#73
Isopropylbenzene
Concen: 1.238 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

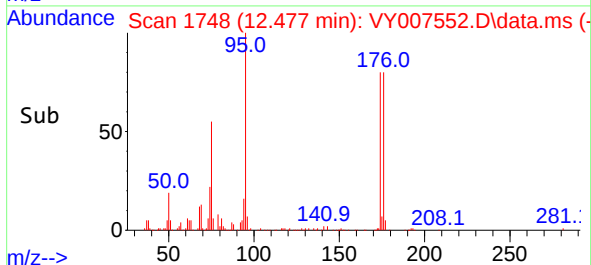
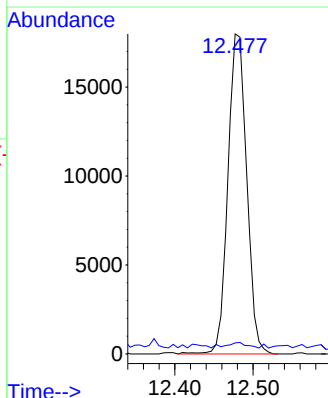
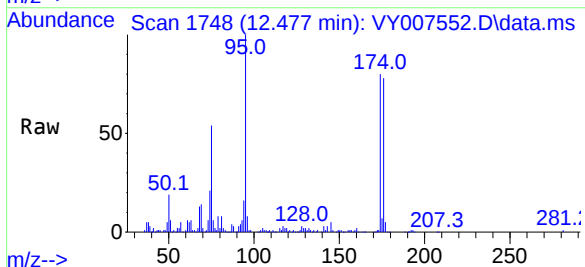
Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

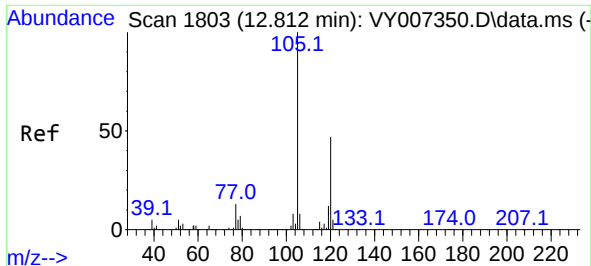
Tgt Ion:105 Resp: 5911
Ion Ratio Lower Upper
105 100
120 17.4 13.4 40.2



#76
1,2,3-Trichloropropane
Concen: 48.040 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Tgt Ion: 75 Resp: 29925
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#

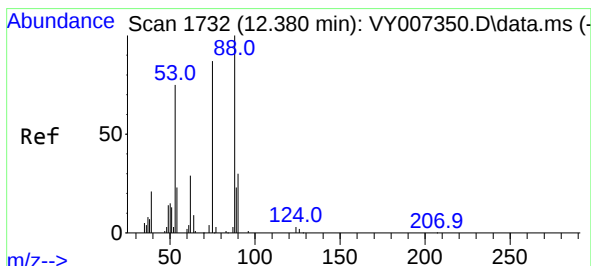
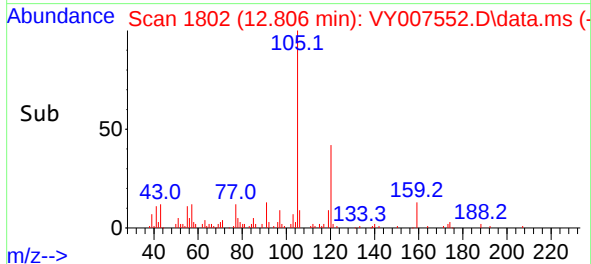
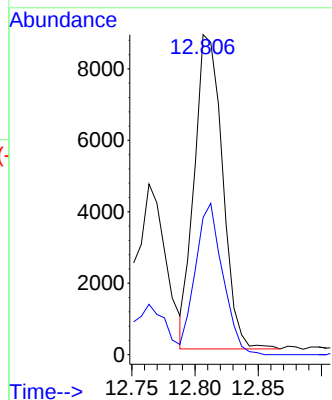
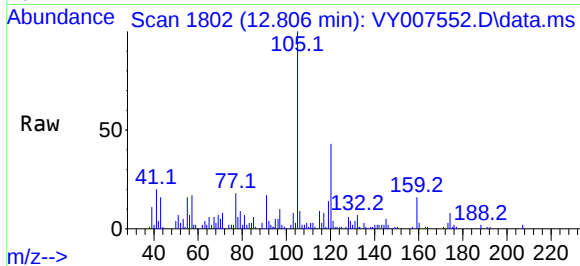




#80
1,3,5-Trimethylbenzene
Concen: 3.443 ug/l
RT: 12.806 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

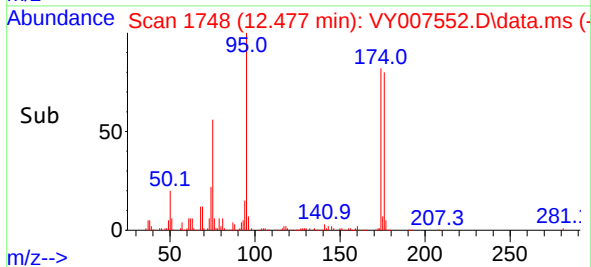
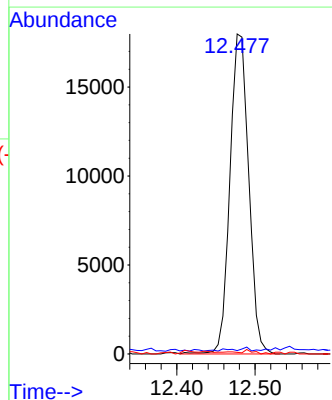
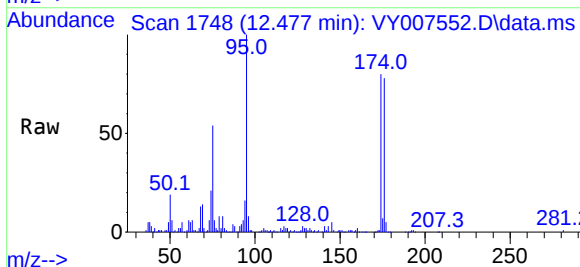
Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

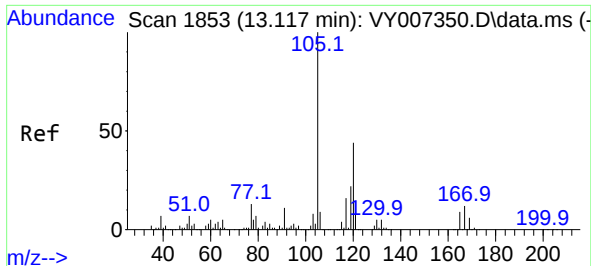
Tgt Ion:105 Resp: 13620
Ion Ratio Lower Upper
105 100
120 46.9 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 99.847 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Tgt Ion: 75 Resp: 29925
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.7 37.0 55.4#

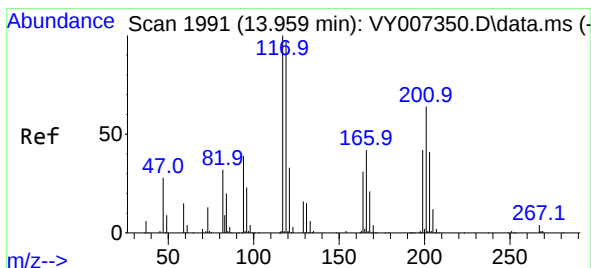
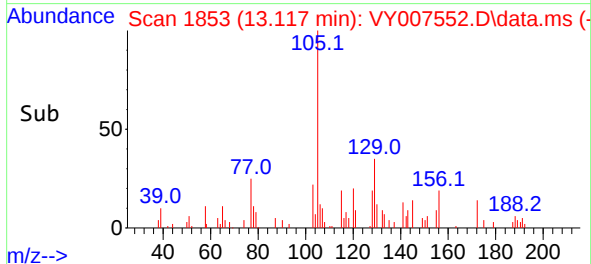
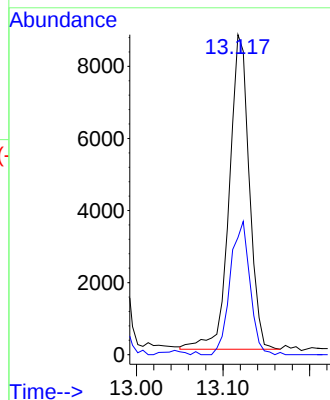
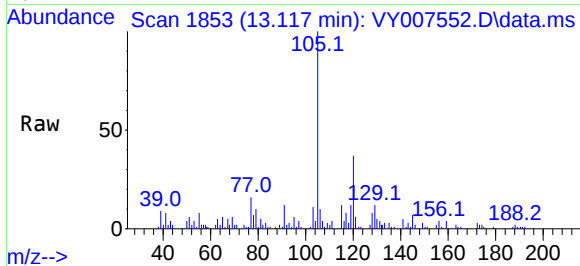




#84
1,2,4-Trimethylbenzene
Concen: 3.646 ug/l
RT: 13.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

Tgt Ion:105 Resp: 13987
Ion Ratio Lower Upper
105 100
120 41.8 22.3 66.9



#90
Hexachloroethane
Concen: 1.922 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY007552.D
Acq: 18 Feb 2022 18:01

Tgt Ion:117 Resp: 1542
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

