

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007536.D
 Acq On : 17 Feb 2022 20:32
 Operator : SY/MD
 Sample : N1580-11
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-11

Quant Time: Feb 18 07:44:31 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)

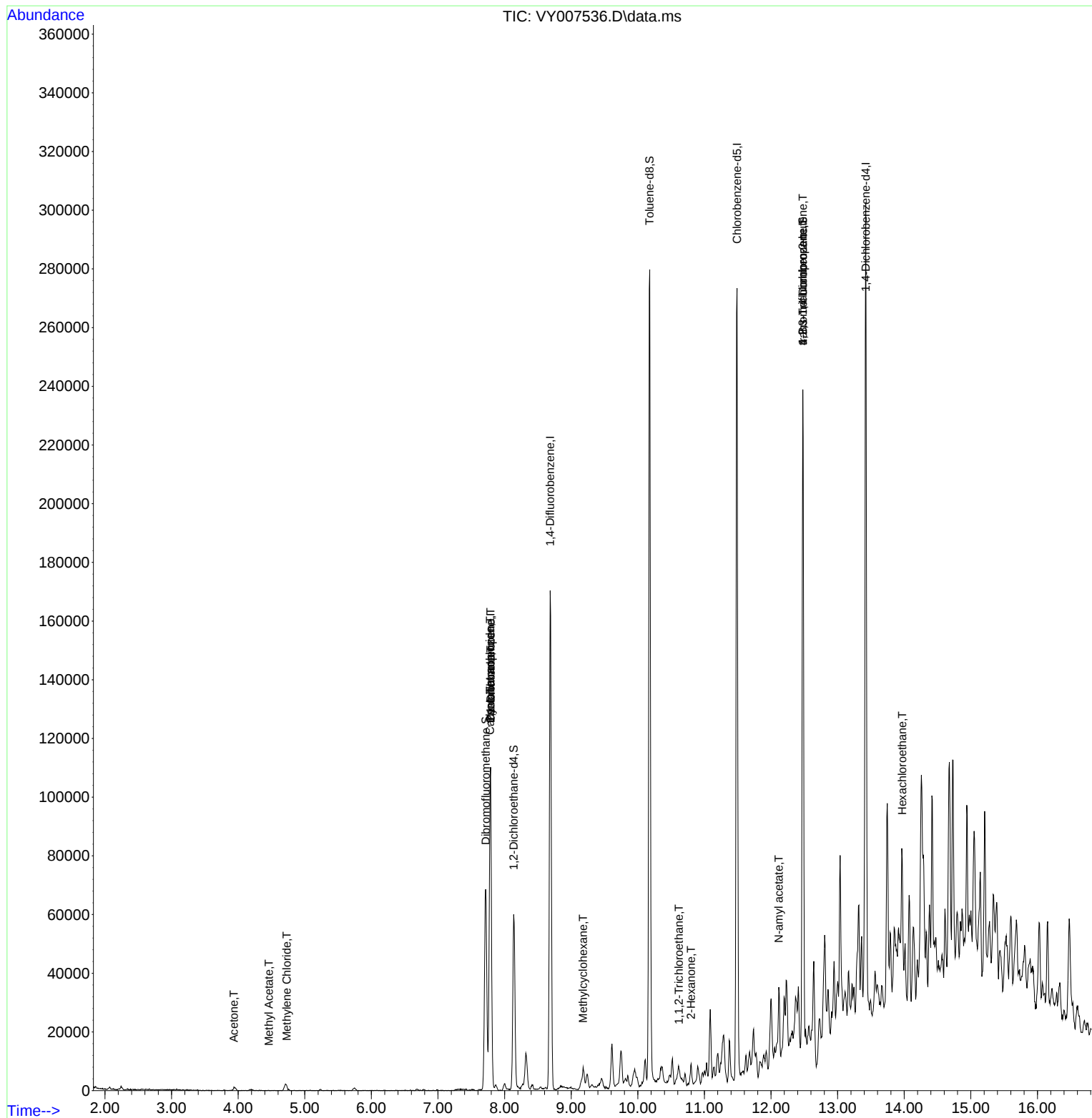
Internal Standards						
1) Pentafluorobenzene	7.789	168	82377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	147702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	148470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47023	51.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.400%	
35) Dibromofluoromethane	7.716	113	48066	51.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.179	98	180972	51.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.477	95	66884	55.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	188	Below Cal	#	50
5) Bromomethane	2.656	94	92	Below Cal	#	4
16) Acetone	3.936	43	2065	8.558	ug/l #	70
18) Methyl Acetate	4.460	43	23	1.424	ug/l #	56
20) Methylene Chloride	4.729	84	1928	1.949	ug/l #	66
31) Cyclohexane	7.789	56	2068	1.286	ug/l #	4
36) 1,1-Dichloropropene	7.789	75	6383	4.230	ug/l #	52
38) Carbon Tetrachloride	7.783	117	8687	5.066	ug/l #	17
39) Methylcyclohexane	9.179	83	2538	1.295	ug/l #	72
55) 1,1,2-Trichloroethane	10.618	97	2271	2.795	ug/l #	23
59) 2-Hexanone	10.801	43	3268	6.582	ug/l #	28
74) N-amyl acetate	12.117	43	4488	3.251	ug/l #	73
76) 1,2,3-Trichloropropane	12.477	75	36086	45.377	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36086	94.314	ug/l #	7
90) Hexachloroethane	13.971	117	1789	1.747	ug/l #	6

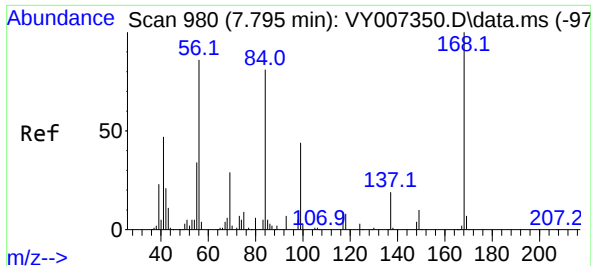
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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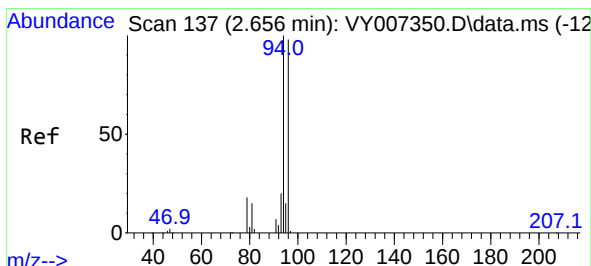
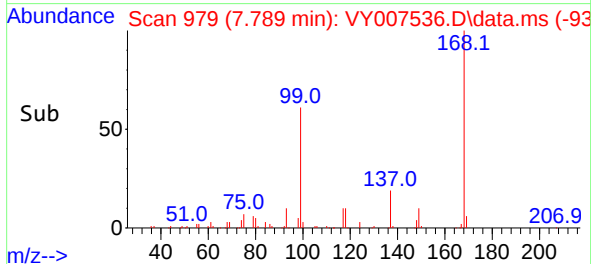
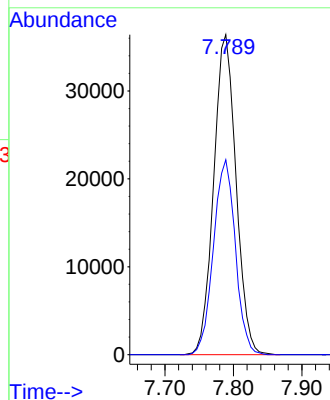
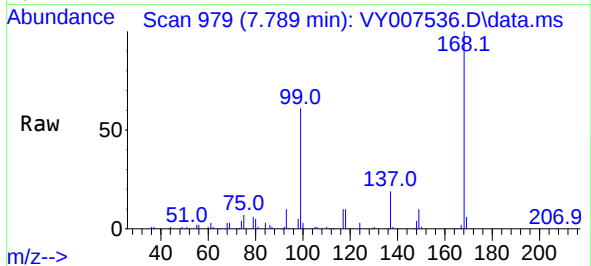




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

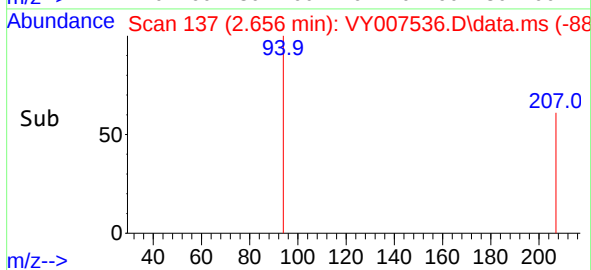
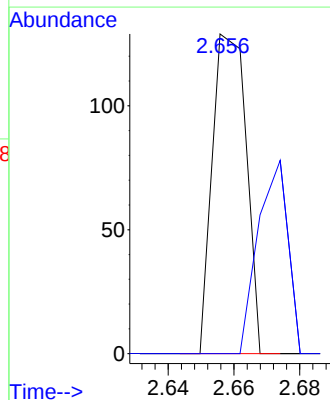
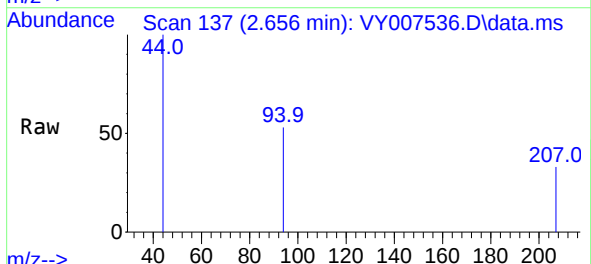
Instrument :
MSVOA_Y
ClientSampleId :
D-11

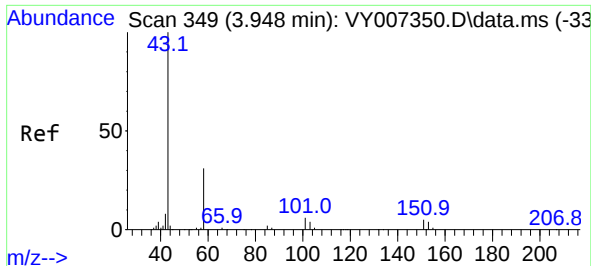
Tgt Ion:168 Resp: 82377
Ion Ratio Lower Upper
168 100
99 60.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 94 Resp: 92
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#

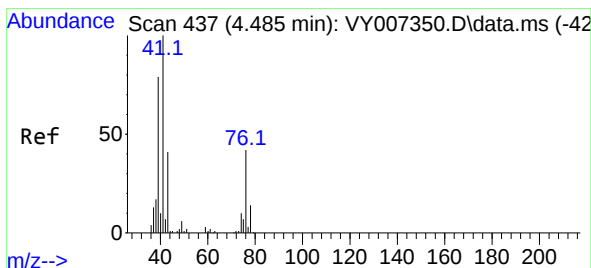
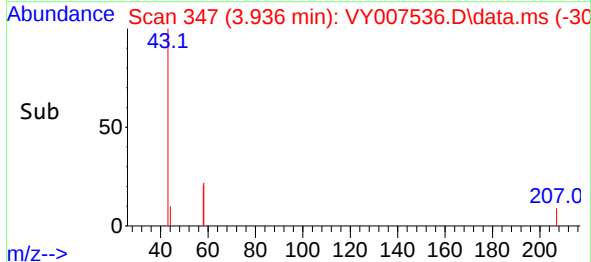
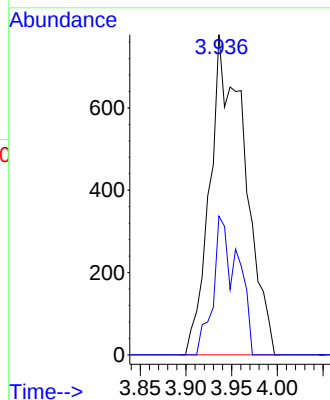
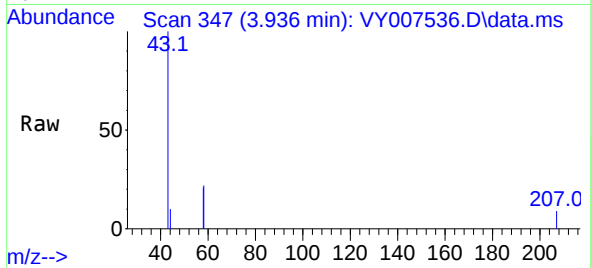




#16
Acetone
Concen: 8.558 ug/l
RT: 3.936 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

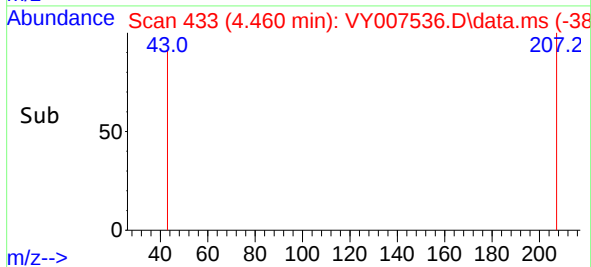
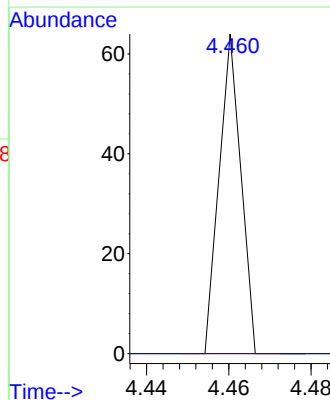
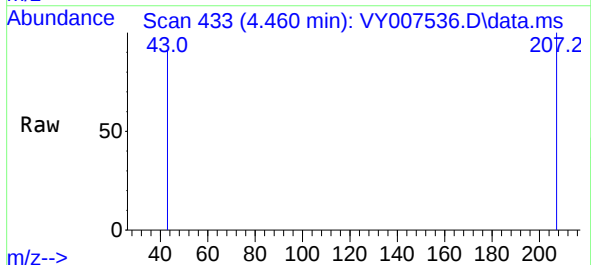
Instrument :
MSVOA_Y
ClientSampleId :
D-11

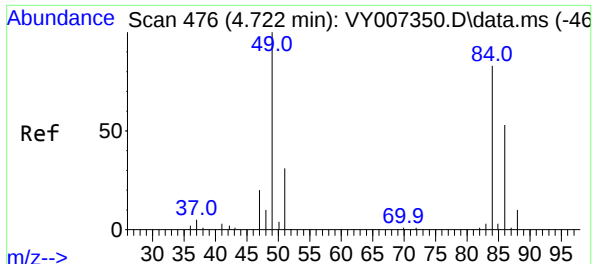
Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
58 43.3 22.0 33.0#



#18
Methyl Acetate
Concen: 1.424 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.025 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



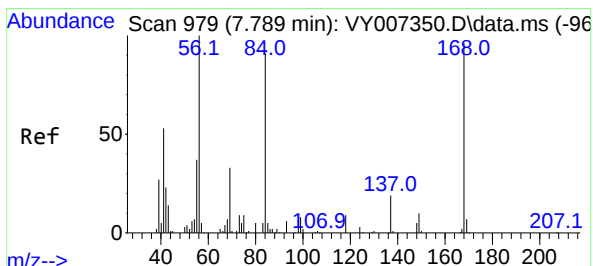
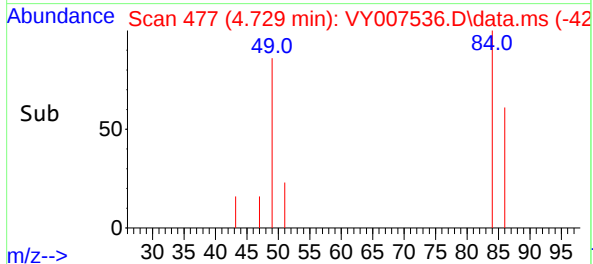
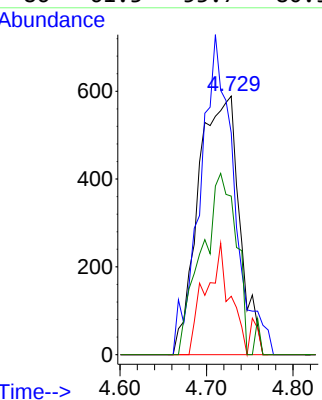
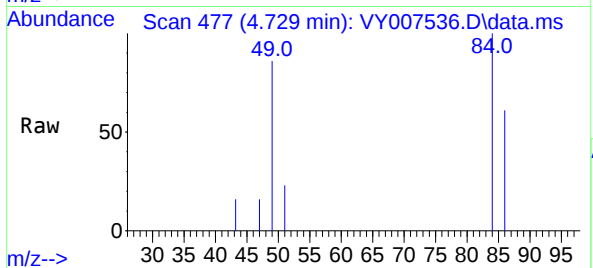


#20
Methylene Chloride
Concen: 1.949 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
D-11

Tgt Ion: 84 Resp: 1928

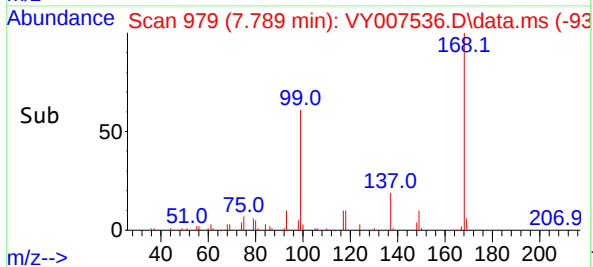
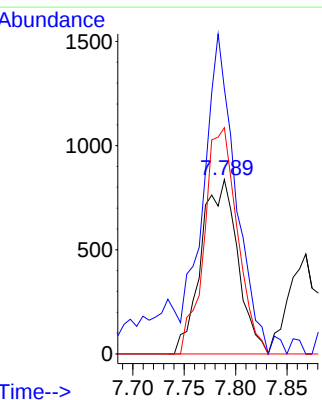
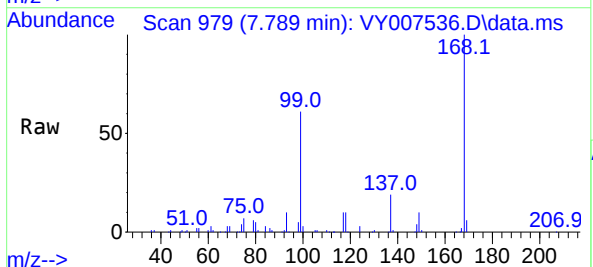
Ion	Ratio	Lower	Upper
84	100		
49	85.7	114.4	171.6#
51	22.6	35.3	52.9#
86	61.3	53.7	80.5

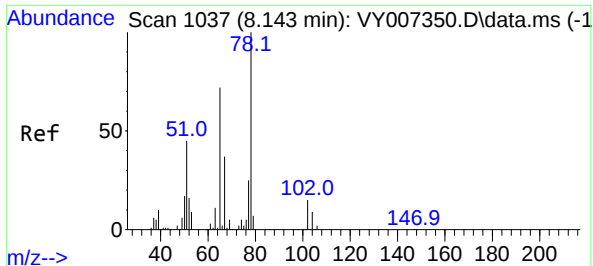


#31
Cyclohexane
Concen: 1.286 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 56 Resp: 2068

Ion	Ratio	Lower	Upper
56	100		
69	152.1	26.7	40.1#
84	129.7	67.2	100.8#

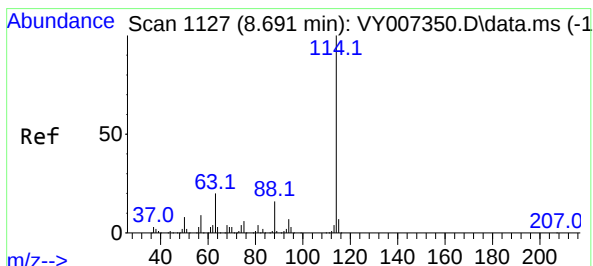
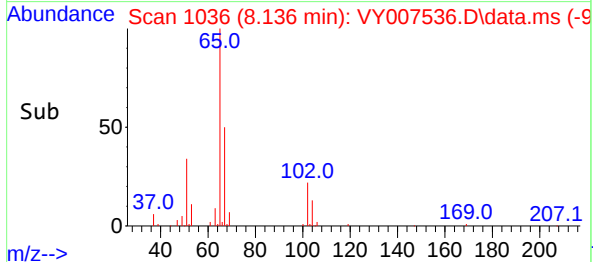
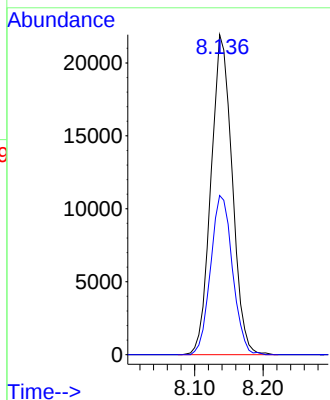
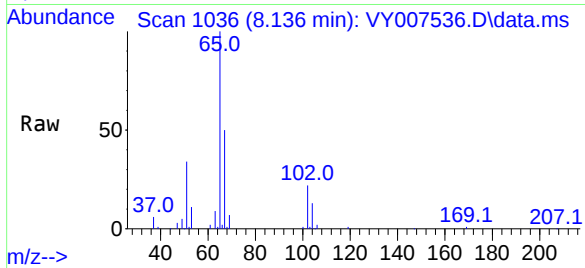




#33
1,2-Dichloroethane-d4
Concen: 51.703 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

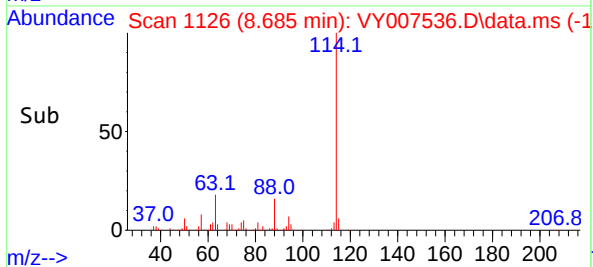
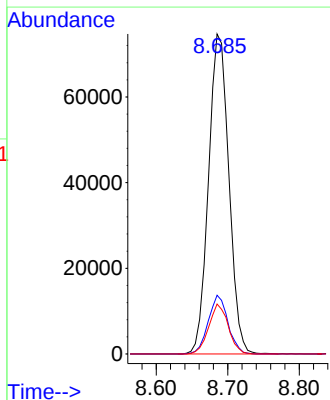
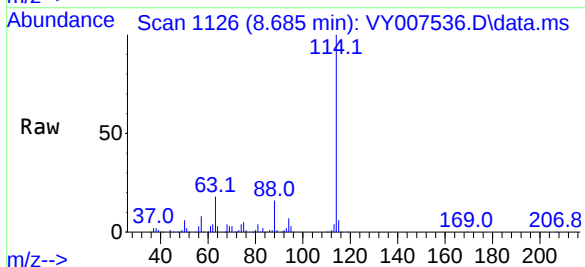
Instrument :
MSVOA_Y
ClientSampleId :
D-11

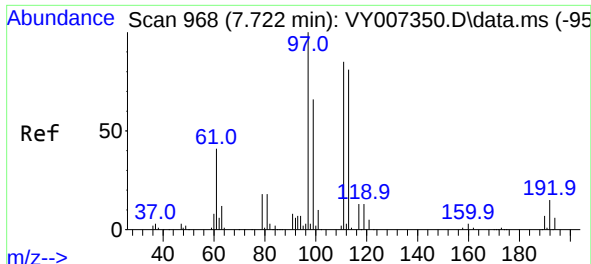
Tgt Ion: 65 Resp: 47023
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 114 Resp: 147702
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.2
88 15.6 0.0 31.8

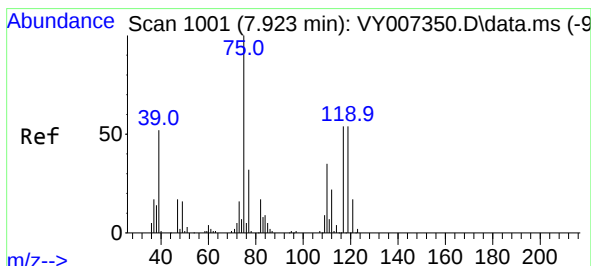
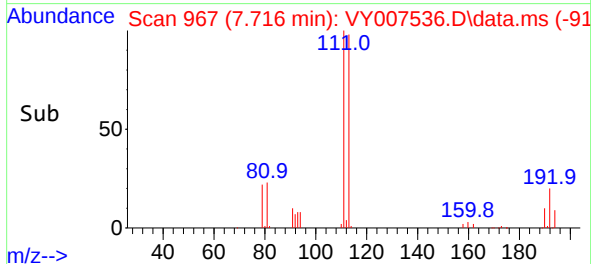
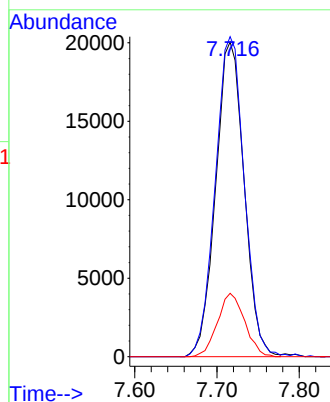
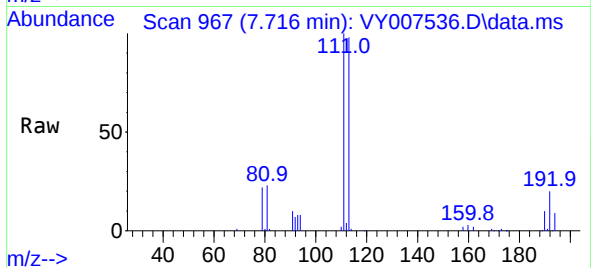




#35
Dibromofluoromethane
Concen: 51.603 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

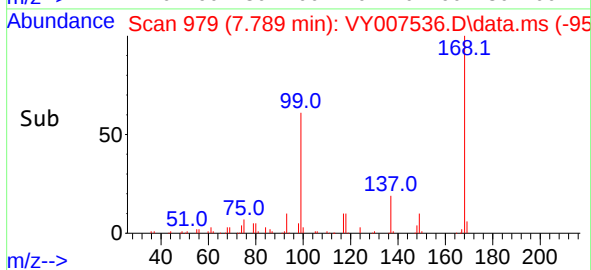
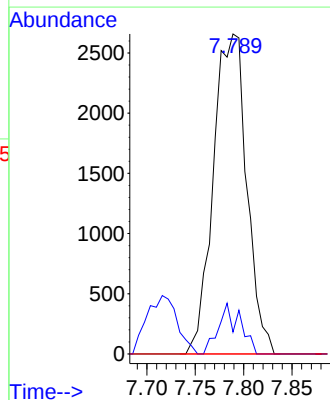
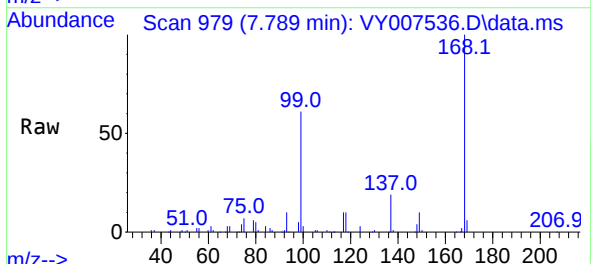
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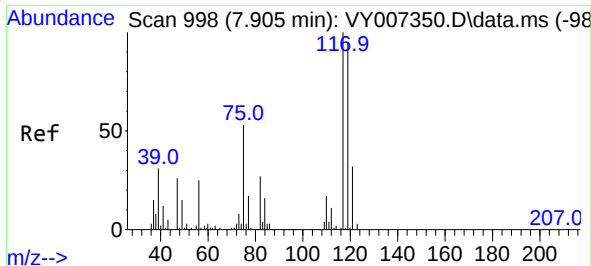
Tgt Ion:113 Resp: 48066
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.230 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 75 Resp: 6383
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#

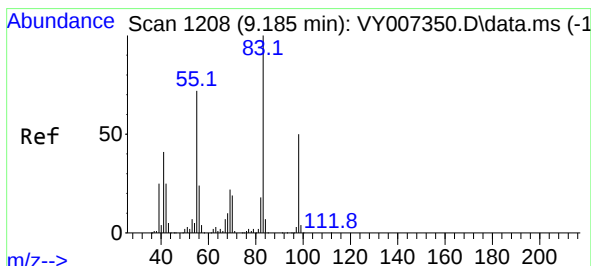
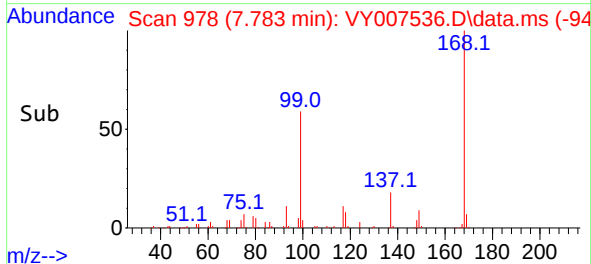
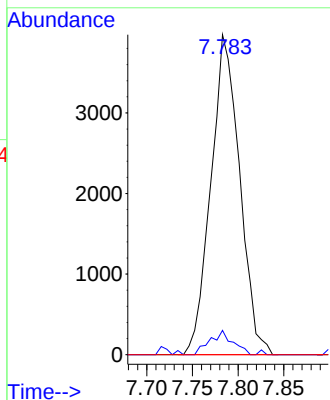
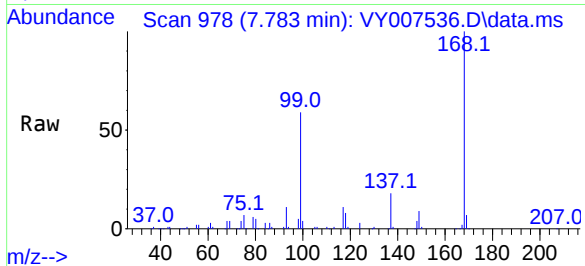




#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

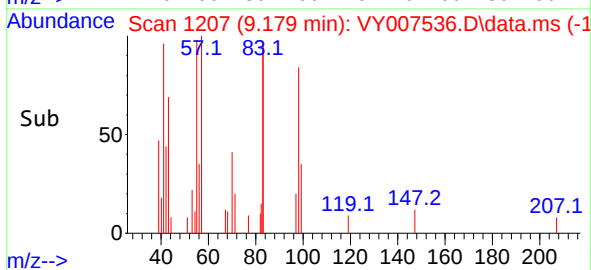
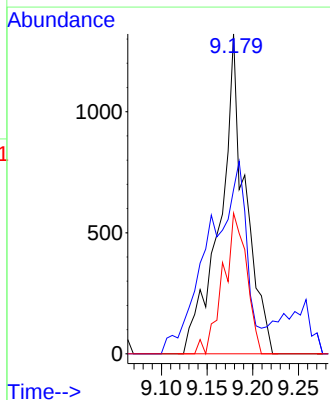
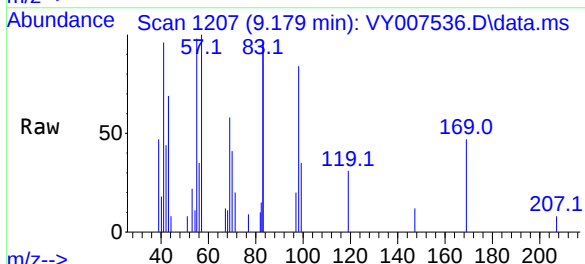
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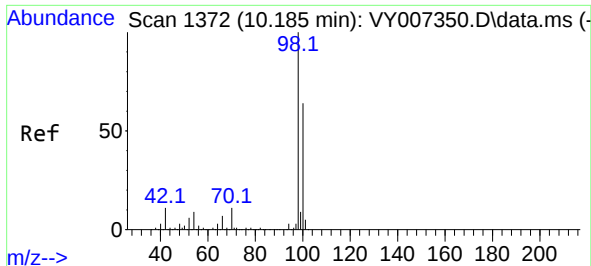
Tgt Ion:117 Resp: 8687
Ion Ratio Lower Upper
117 100
119 7.6 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.295 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 83 Resp: 2538
Ion Ratio Lower Upper
83 100
55 46.3 66.5 99.7#
98 44.0 37.9 56.9

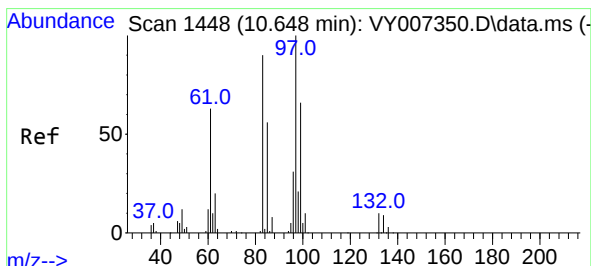
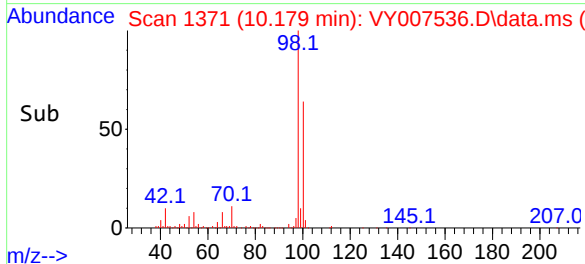
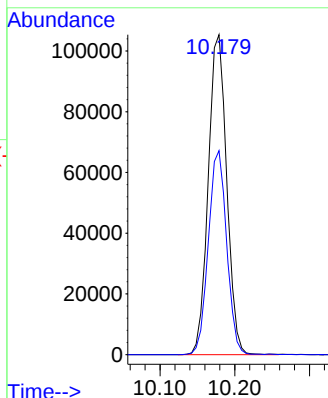
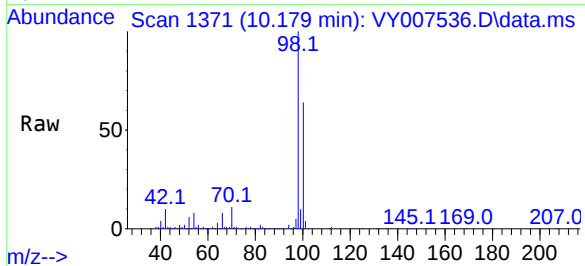




#50
Toluene-d8
Concen: 51.154 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

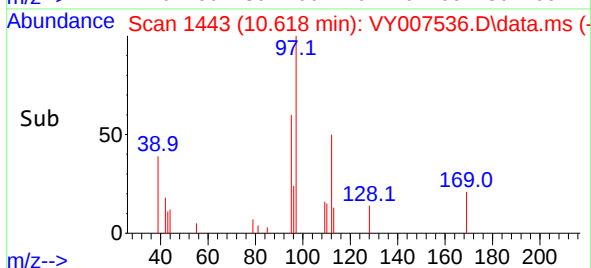
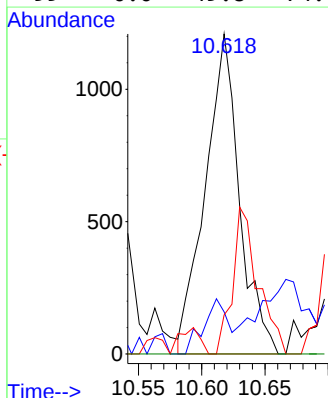
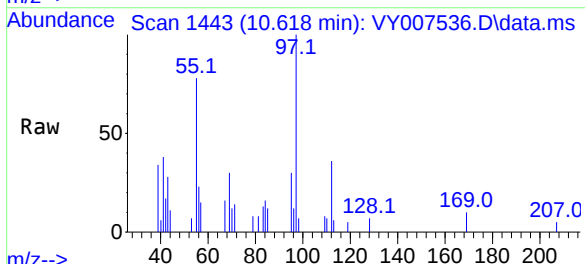
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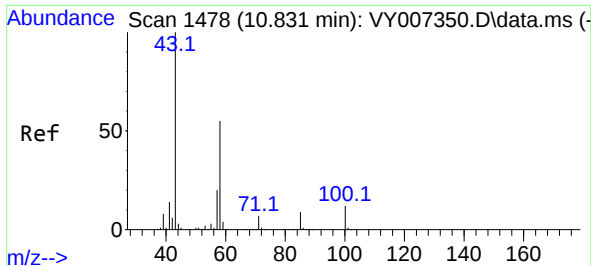
Tgt Ion: 98 Resp: 180972
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 2.795 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 97 Resp: 2271
Ion Ratio Lower Upper
97 100
83 13.2 69.8 104.8#
85 5.9 44.3 66.5#
99 0.0 49.8 74.6#

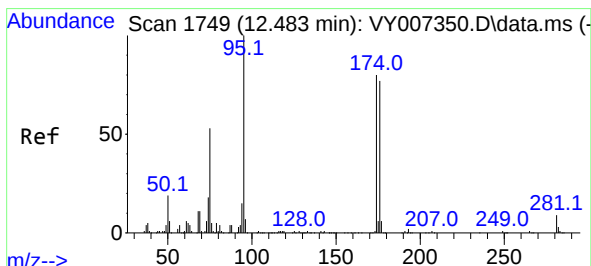
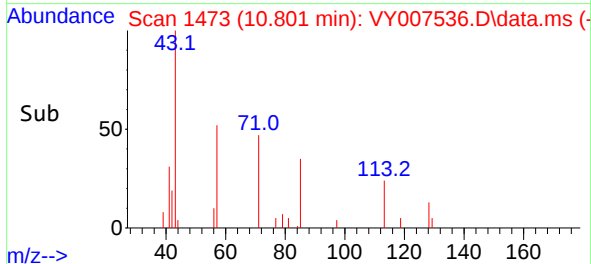
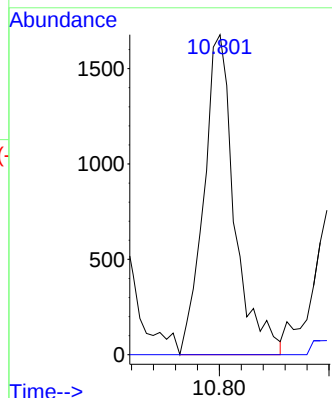
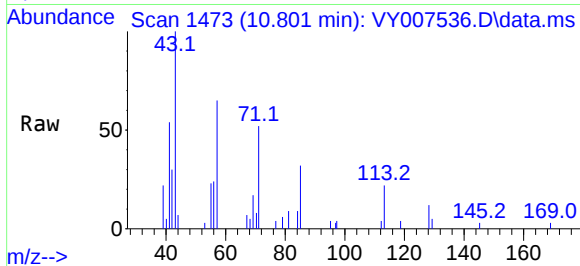




#59
2-Hexanone
Concen: 6.582 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

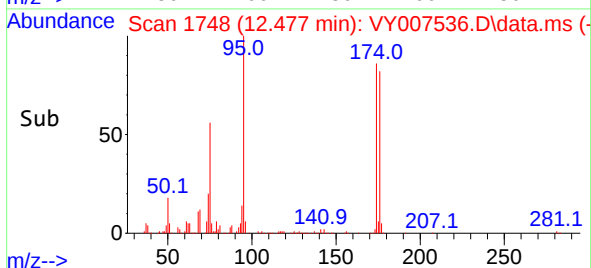
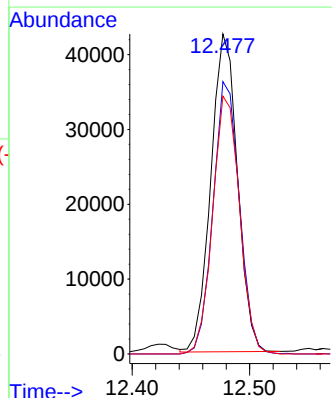
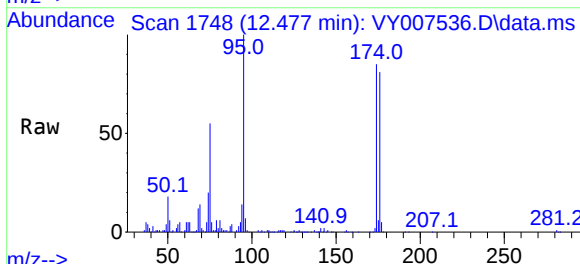
Instrument :
MSVOA_Y
ClientSampleId :
D-11

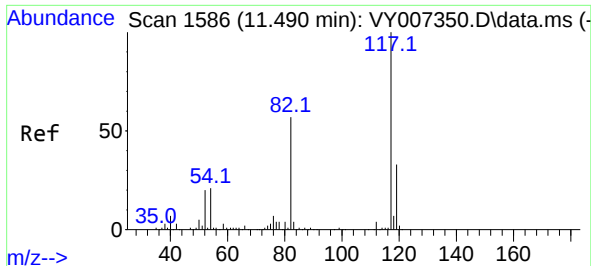
Tgt Ion: 43 Resp: 3268
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 55.757 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 95 Resp: 66884
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.9 0.0 175.8

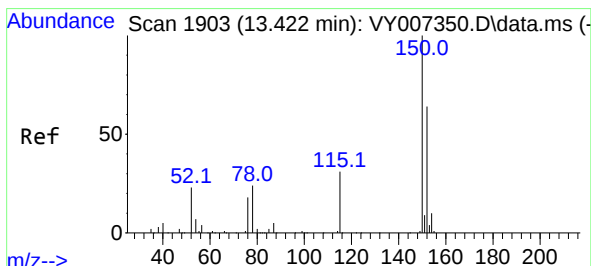
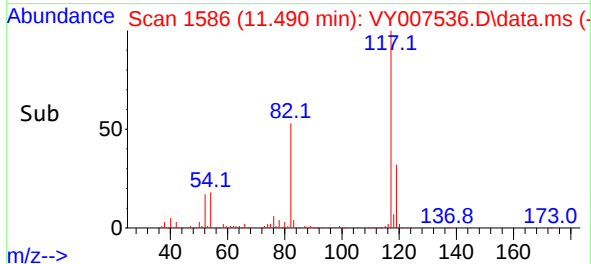
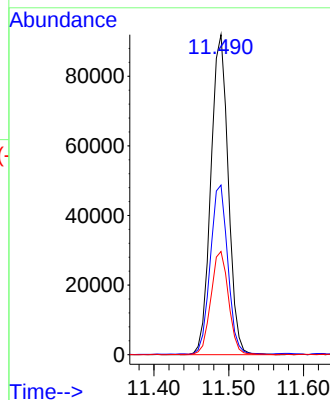
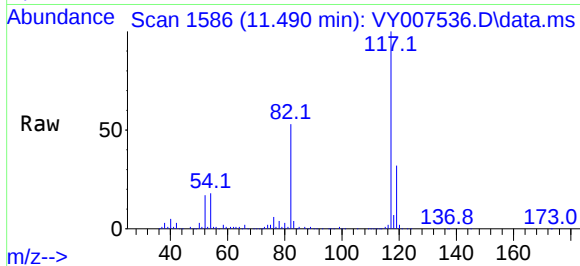




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

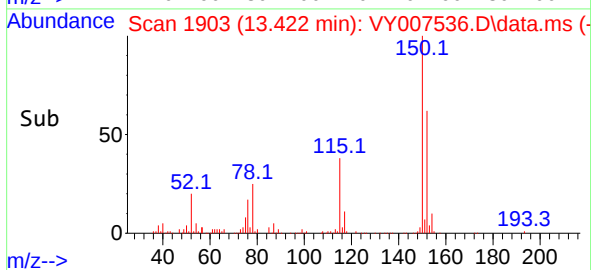
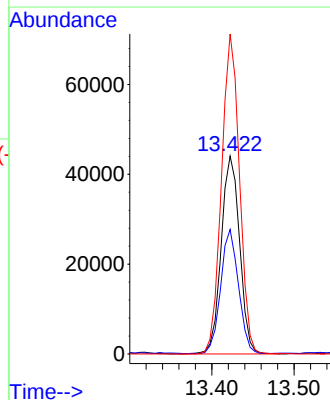
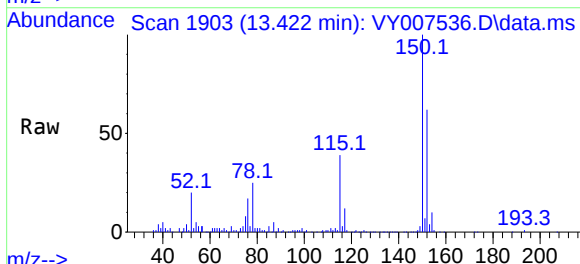
Instrument :
MSVOA_Y
ClientSampleId :
D-11

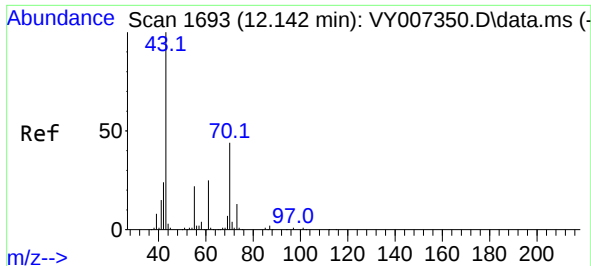
Tgt Ion:117 Resp: 148470
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion:152 Resp: 68826
Ion Ratio Lower Upper
152 100
115 60.6 28.2 84.7
150 157.2 0.0 347.6

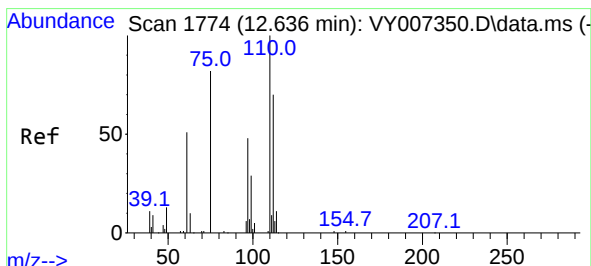
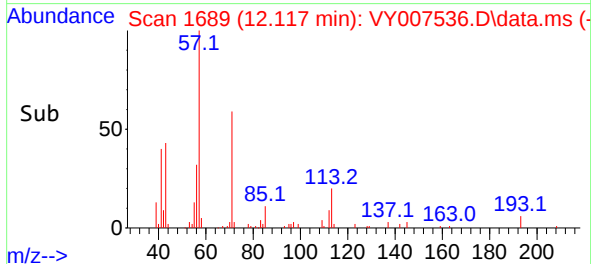
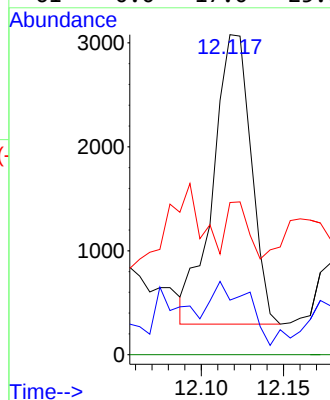
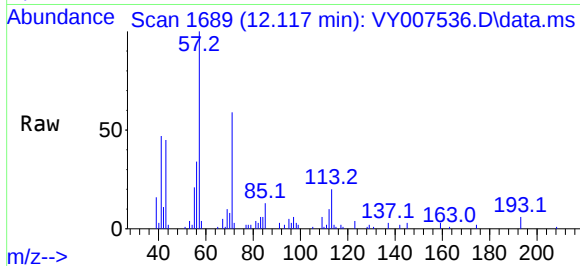




#74
N-amy1 acetate
Concen: 3.251 ug/l
RT: 12.117 min Scan# 1
Delta R.T. -0.025 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

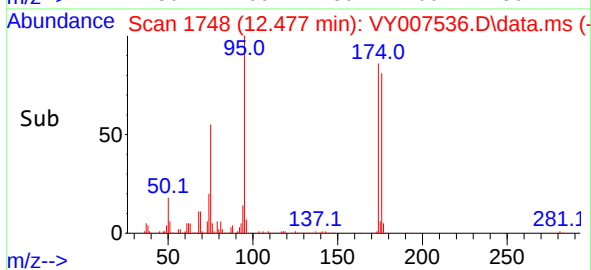
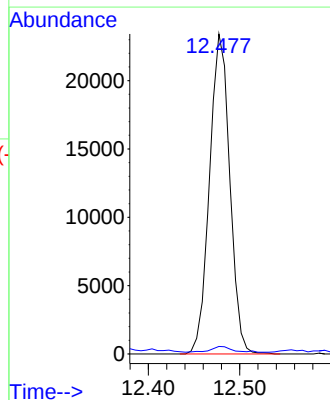
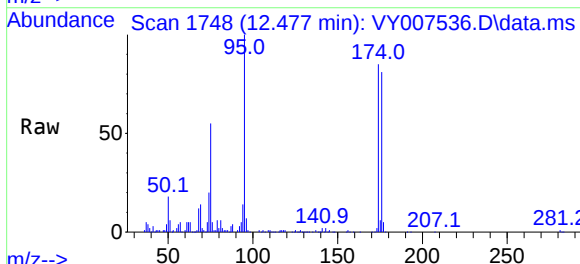
Instrument :
MSVOA_Y
ClientSampleId :
D-11

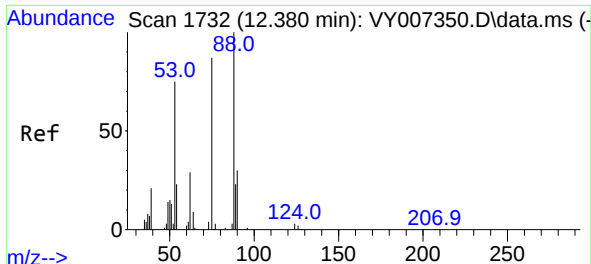
Tgt Ion:	43	Resp:	4488
Ion	Ratio	Lower	Upper
43	100		
70	21.6	28.7	43.1#
55	14.8	17.3	25.9#
61	0.0	17.0	25.6#



#76
1,2,3-Trichloropropane
Concen: 45.377 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion:	75	Resp:	36086
Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#

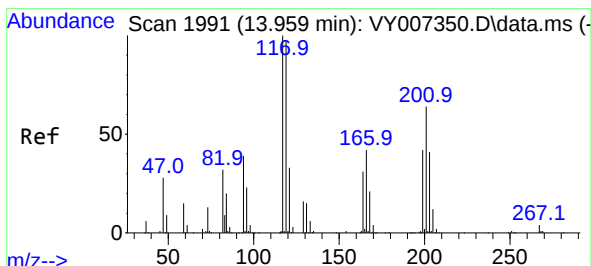
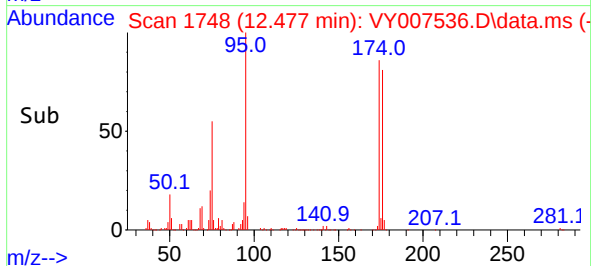
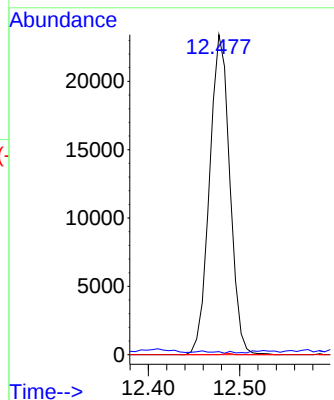
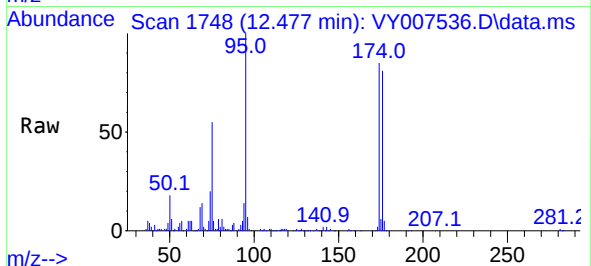




#81
trans-1,4-Dichloro-2-butene
Concen: 94.314 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Instrument :
MSVOA_Y
ClientSampleId :
D-11

Tgt Ion: 75 Resp: 36086
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#90
Hexachloroethane
Concen: 1.747 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY007536.D
Acq: 17 Feb 2022 20:32

Tgt Ion: 117 Resp: 1789
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

