

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007524.D
 Acq On : 17 Feb 2022 15:51
 Operator : SY/MD
 Sample : N1561-04
 Misc : 3.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-1-2

Quant Time: Feb 18 07:40:28 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)

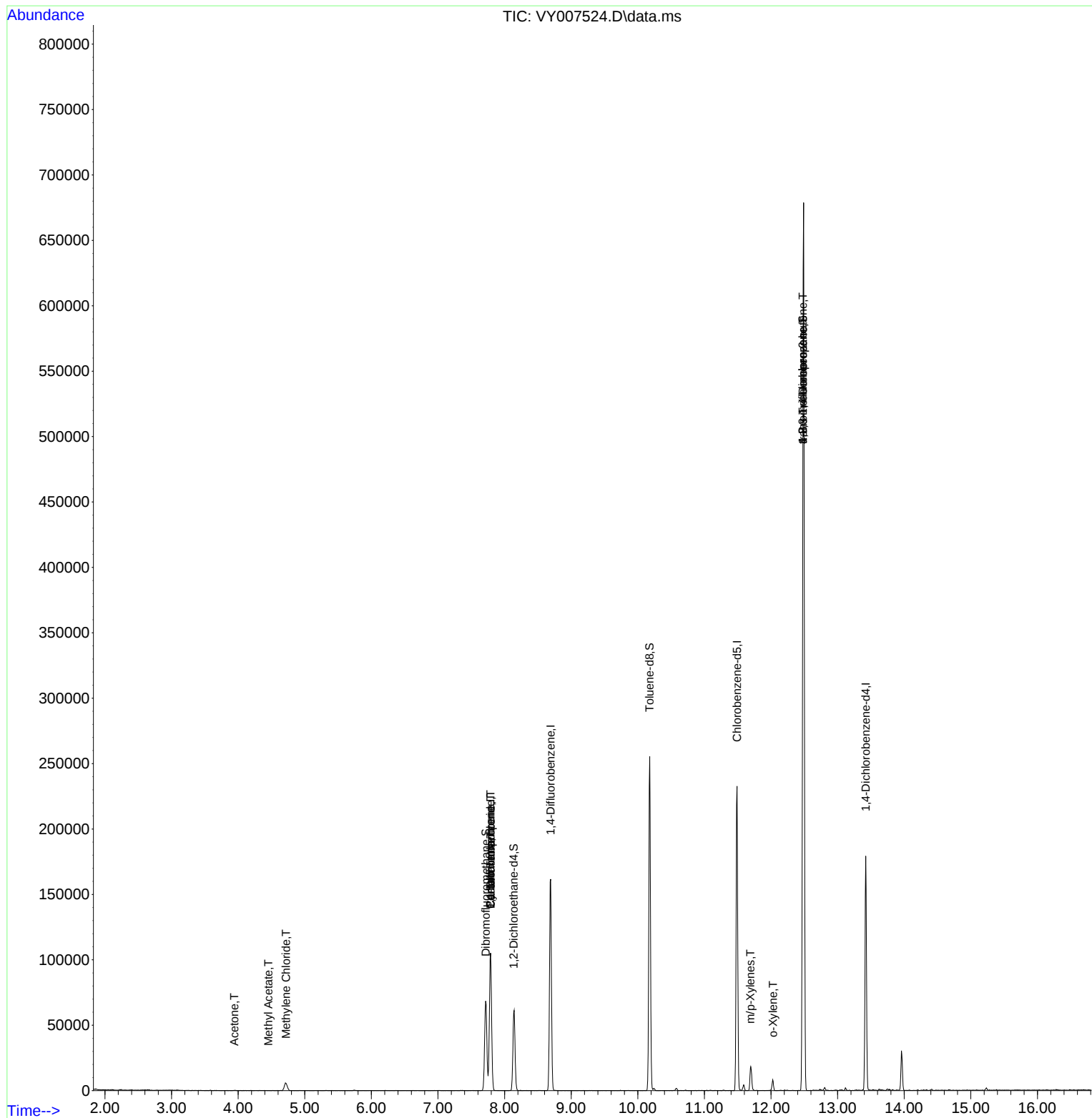
Internal Standards						
1) Pentafluorobenzene	7.789	168	81254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	144352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48925	54.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.080%	
35) Dibromofluoromethane	7.715	113	48468	53.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.178	98	169728	49.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	12.477	95	52269	44.584	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.160%	
Target Compounds						
						Qvalue
3) Chloromethane	2.107	50	344	Below Cal		98
5) Bromomethane	2.655	94	100	Below Cal	#	77
16) Acetone	3.942	43	405	1.702	ug/l #	47
18) Methyl Acetate	4.454	43	54	1.476	ug/l #	56
20) Methylene Chloride	4.716	84	4805	4.926	ug/l #	72
31) Cyclohexane	7.789	56	1680	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6098	4.135	ug/l #	52
38) Carbon Tetrachloride	7.789	117	8552	5.103	ug/l #	14
68) m/p-Xylenes	11.690	106	5708	2.826	ug/l	98
69) o-Xylene	12.032	106	2088	1.093	ug/l	94
76) 1,2,3-Trichloropropane	12.477	75	33760	65.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33760	135.982	ug/l #	9

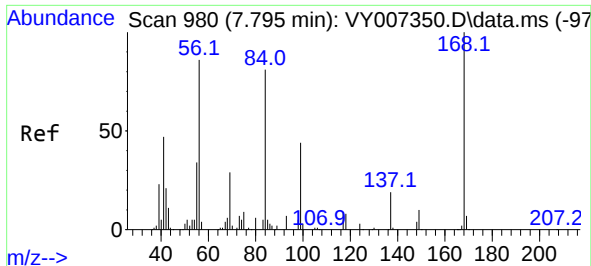
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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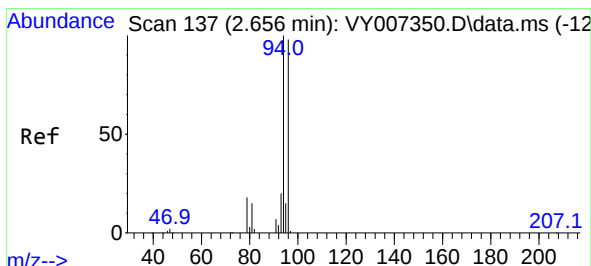
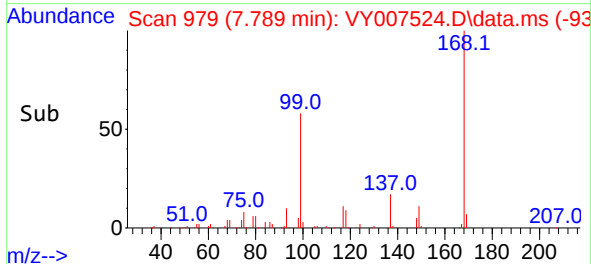
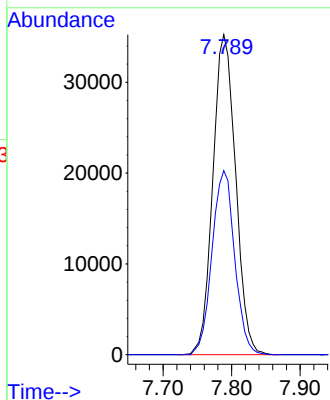
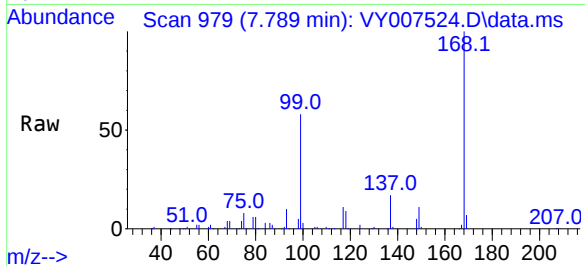




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

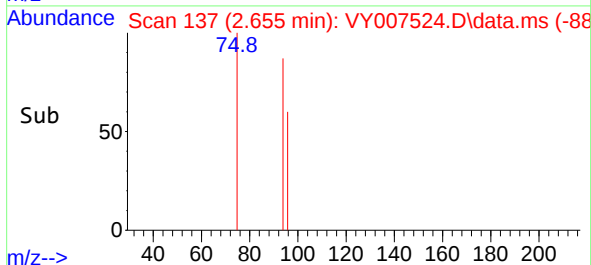
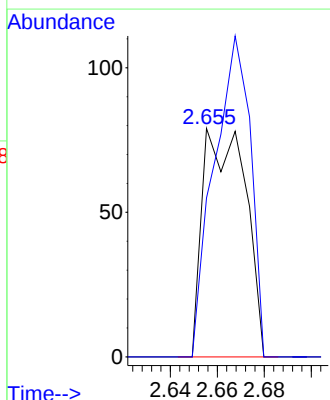
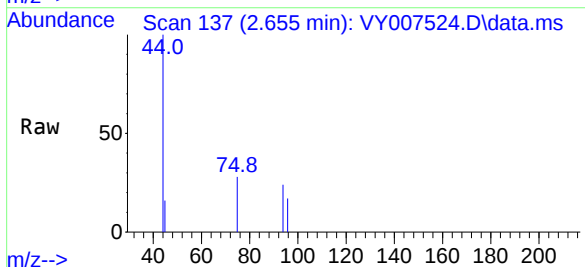
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1-2

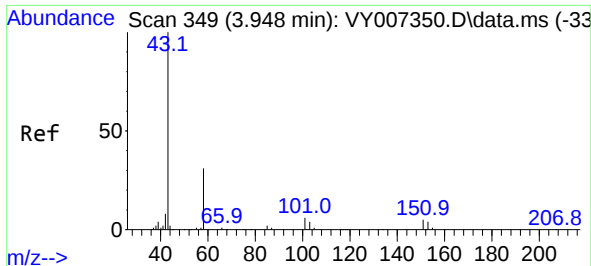
Tgt Ion:168 Resp: 81254
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.655 min Scan# 137
Delta R.T. -0.001 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Tgt Ion: 94 Resp: 100
Ion Ratio Lower Upper
94 100
96 69.6 73.5 110.3#

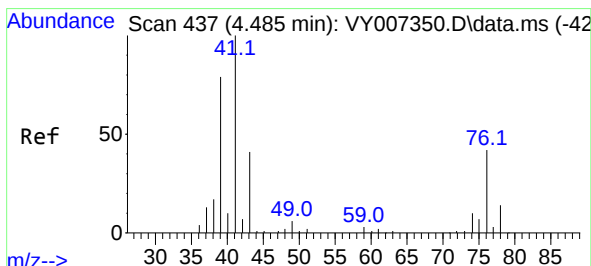
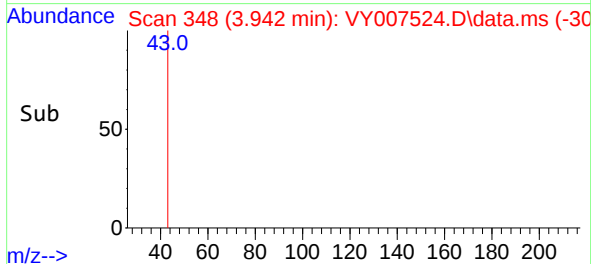
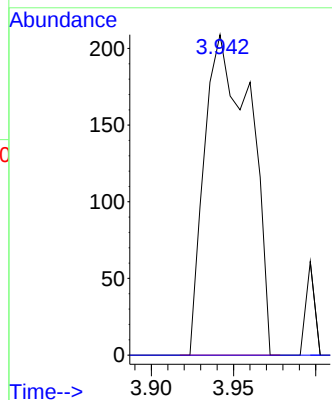
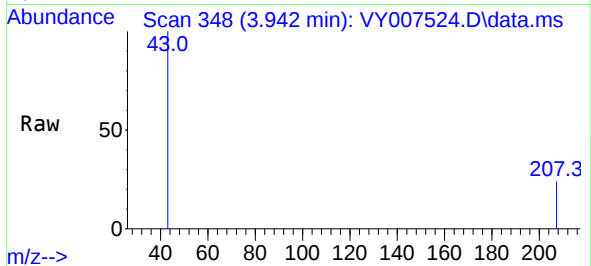




#16
Acetone
Concen: 1.702 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

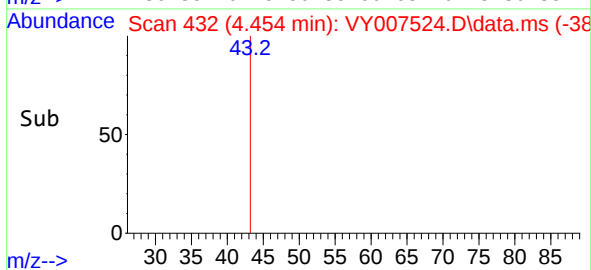
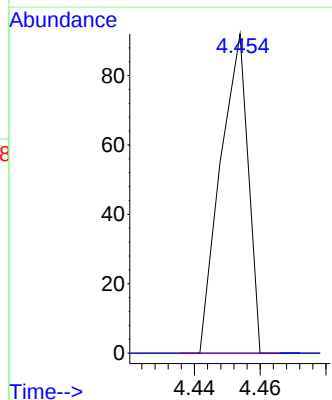
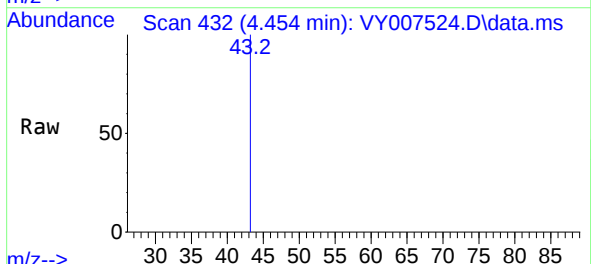
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1-2

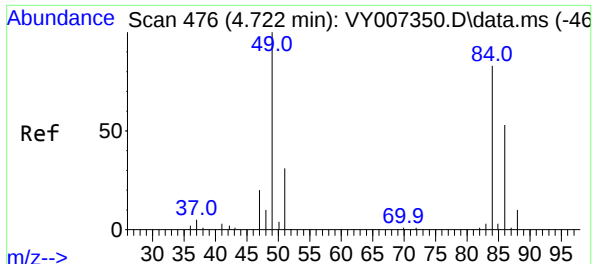
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: 1.476 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.031 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



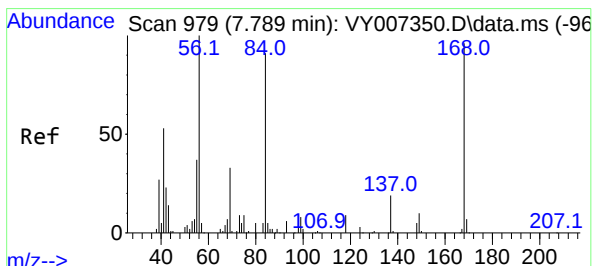
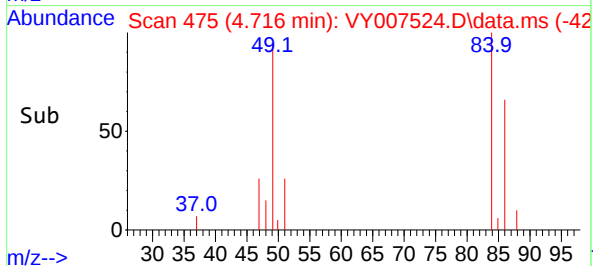
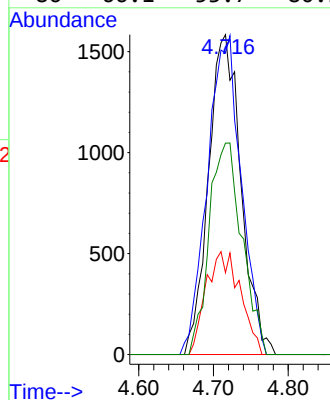
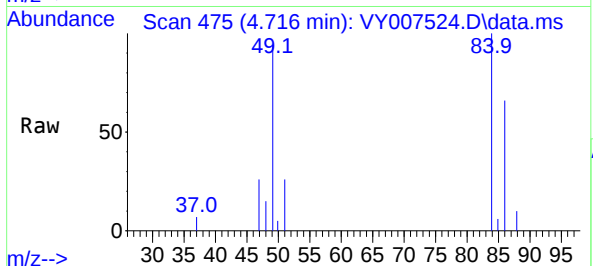


#20
Methylene Chloride
Concen: 4.926 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1-2

Tgt Ion: 84 Resp: 4805

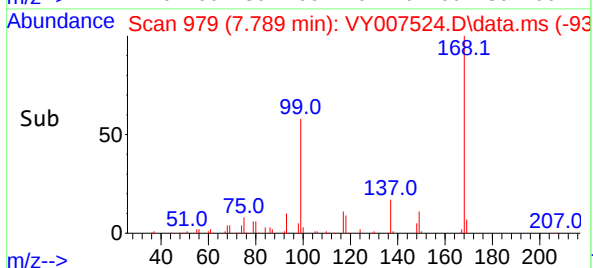
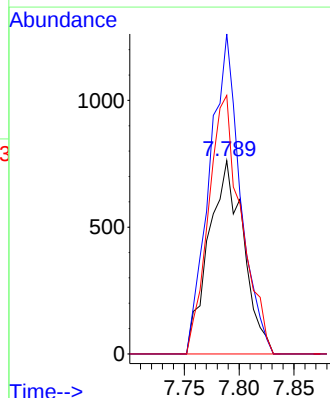
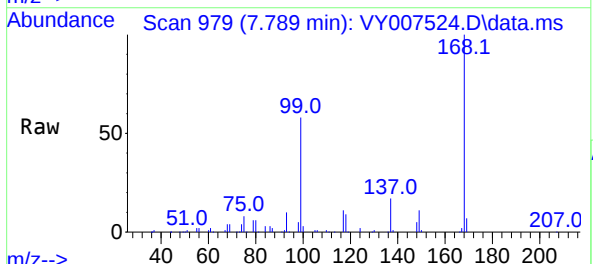
Ion	Ratio	Lower	Upper
84	100		
49	94.3	114.4	171.6#
51	25.6	35.3	52.9#
86	66.1	53.7	80.5

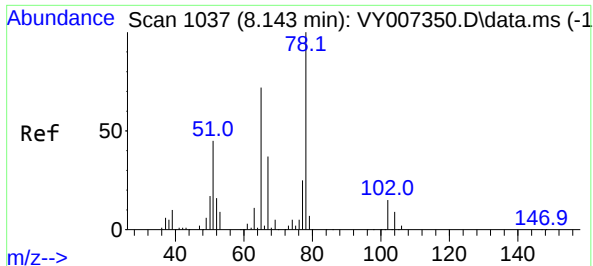


#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Tgt Ion: 56 Resp: 1680

Ion	Ratio	Lower	Upper
56	100		
69	165.6	26.7	40.1#
84	133.9	67.2	100.8#

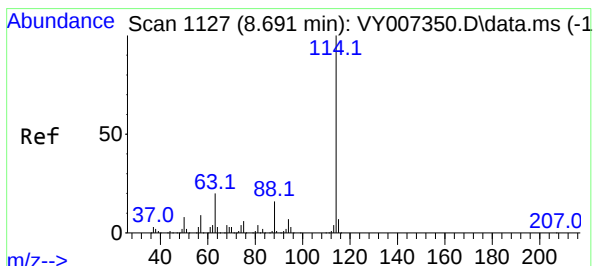
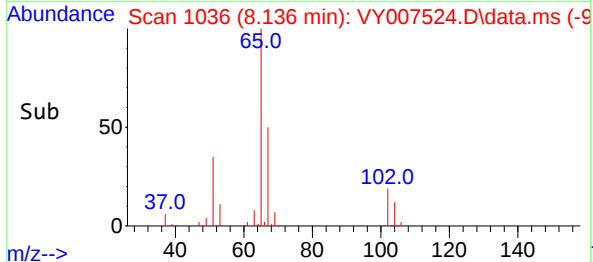
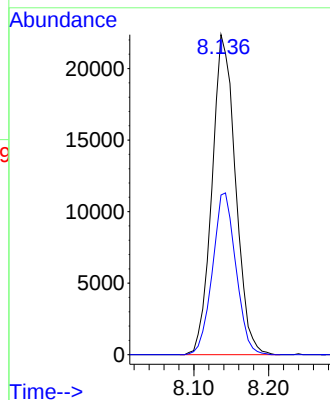
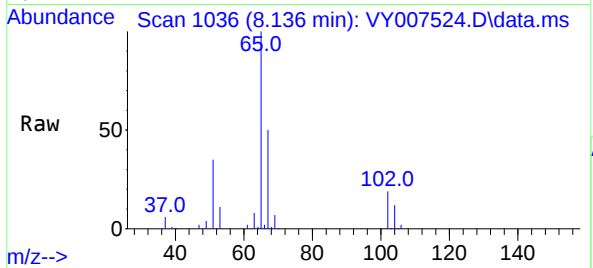




#33
1,2-Dichloroethane-d4
Concen: 54.538 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

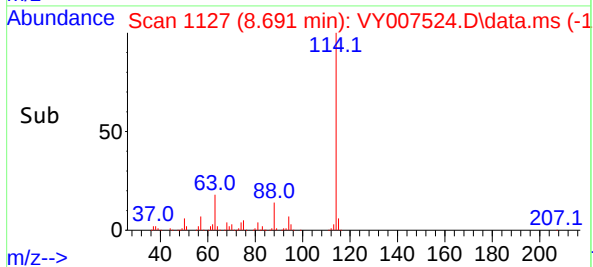
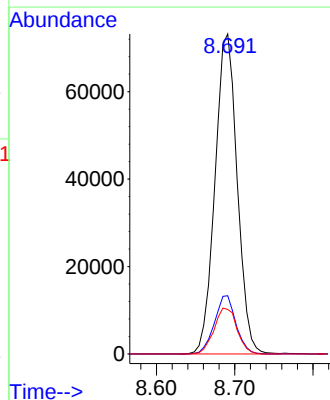
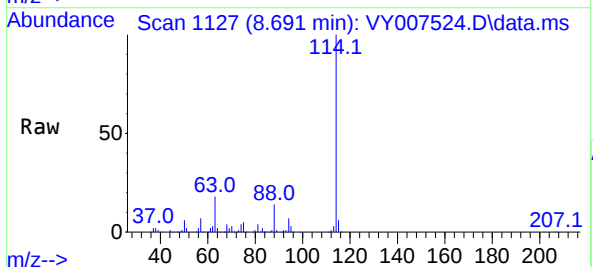
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1-2

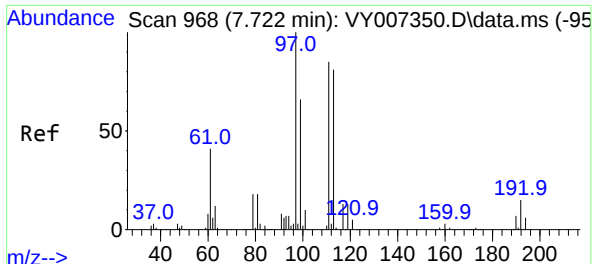
Tgt Ion: 65 Resp: 48925
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Tgt Ion: 114 Resp: 144352
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 13.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.242 ug/l

RT: 7.715 min Scan# 9

Delta R.T. -0.007 min

Lab File: VY007524.D

Acq: 17 Feb 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-1-2

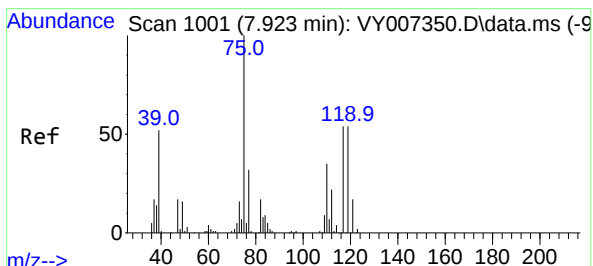
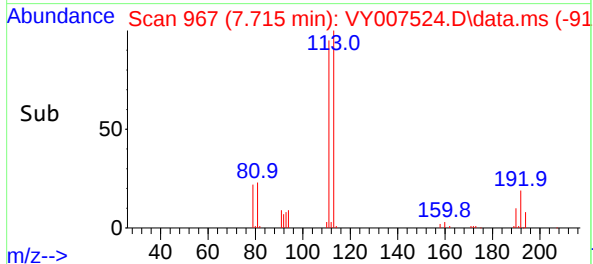
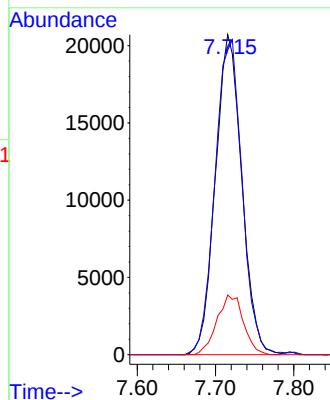
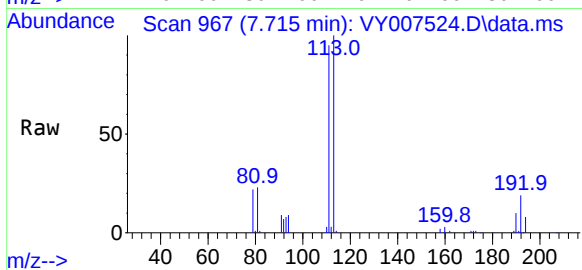
Tgt Ion:113 Resp: 48468

Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 18.7 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.135 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY007524.D

Acq: 17 Feb 2022 15:51

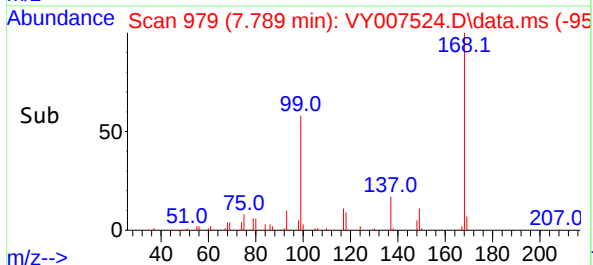
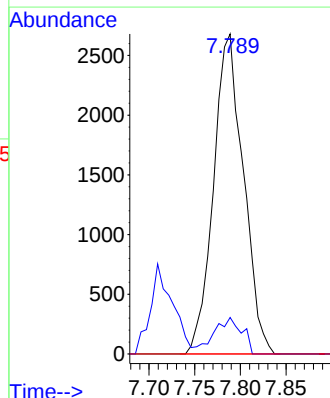
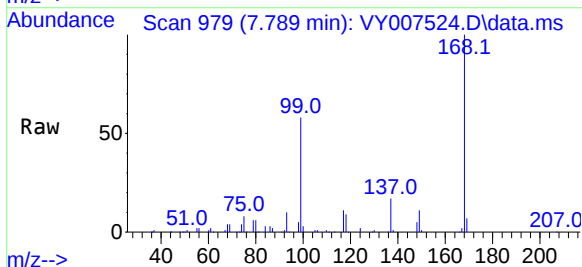
Tgt Ion: 75 Resp: 6098

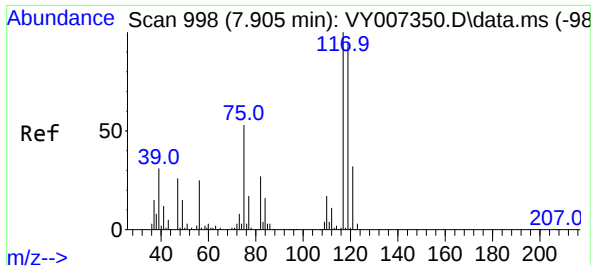
Ion Ratio Lower Upper

75 100

110 10.5 17.1 51.2#

77 0.0 24.4 36.6#

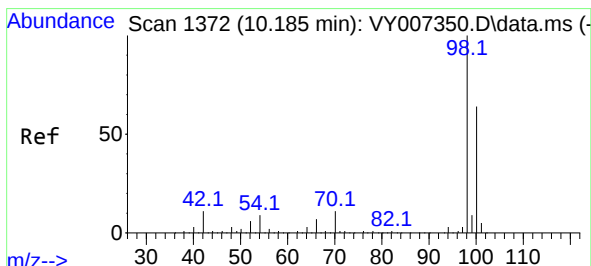
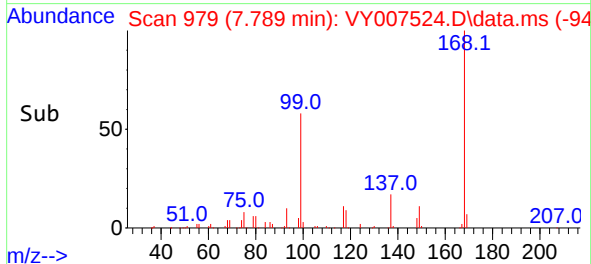
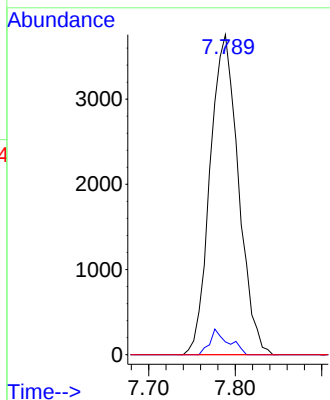
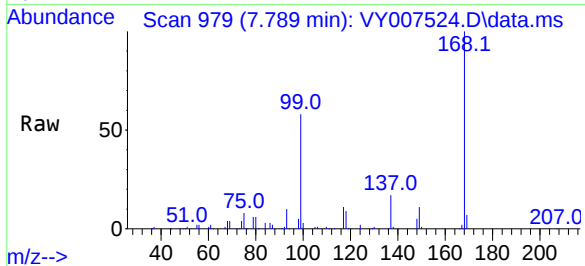




#38
Carbon Tetrachloride
Concen: 5.103 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

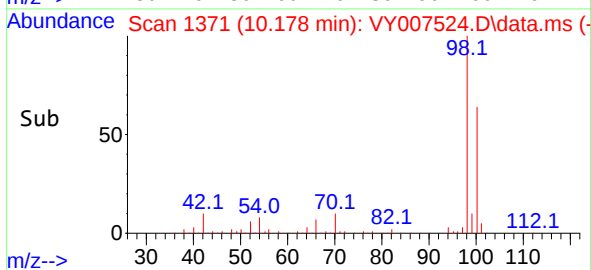
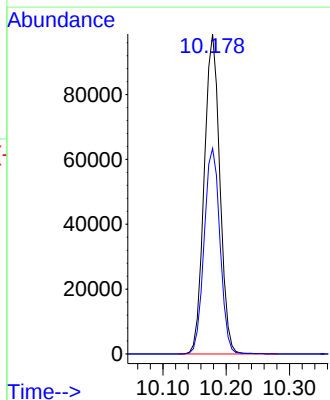
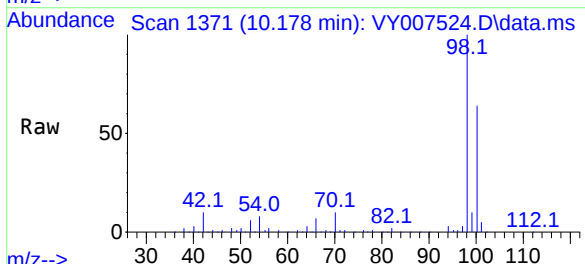
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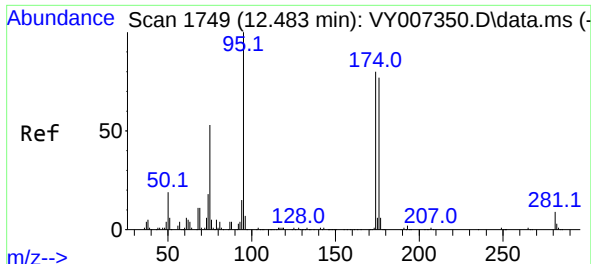
Tgt Ion:117 Resp: 8552
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.090 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.007 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Tgt Ion: 98 Resp: 169728
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

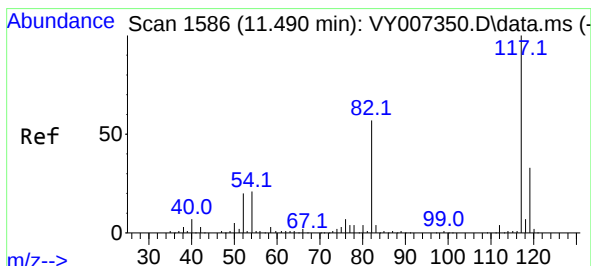
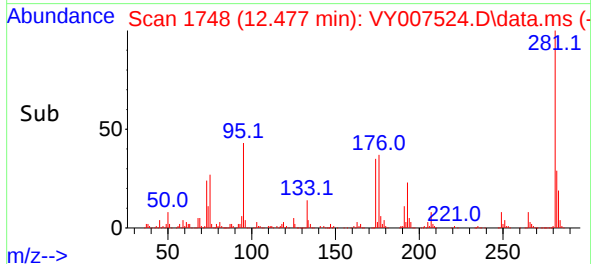
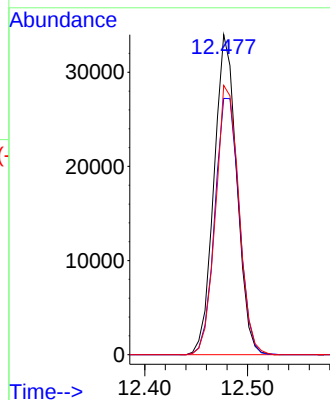
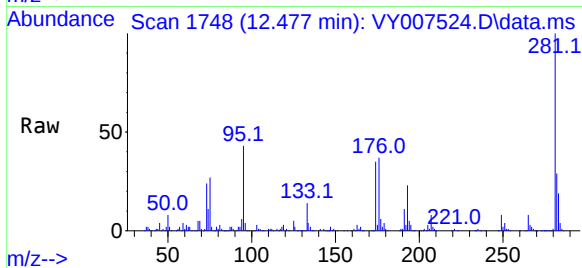




#62
4-Bromofluorobenzene
Concen: 44.584 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

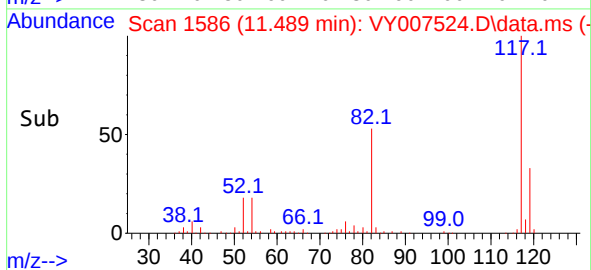
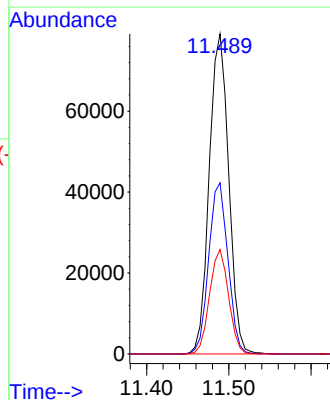
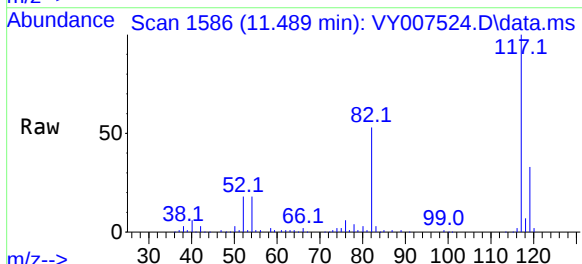
Instrument :
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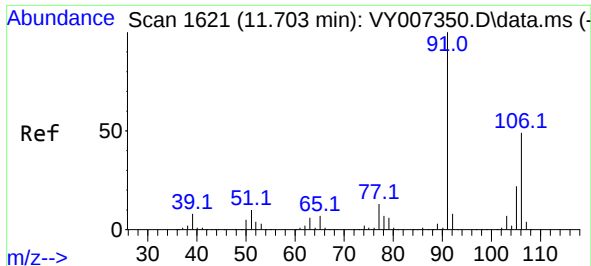
Tgt Ion: 95 Resp: 52269
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 86.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Tgt Ion: 117 Resp: 130184
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.7 25.4 38.0

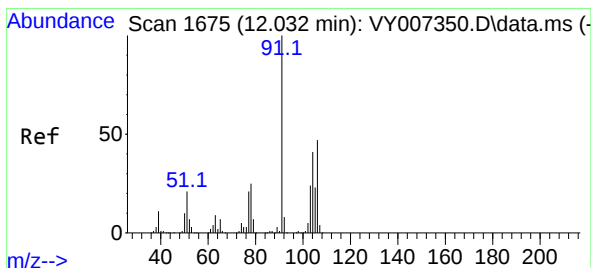
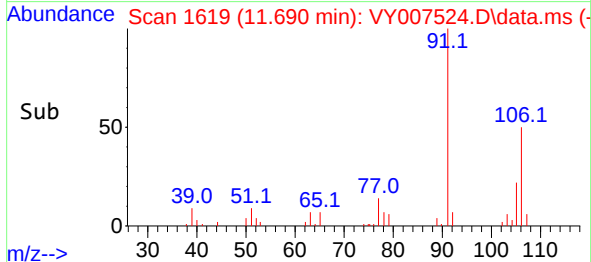
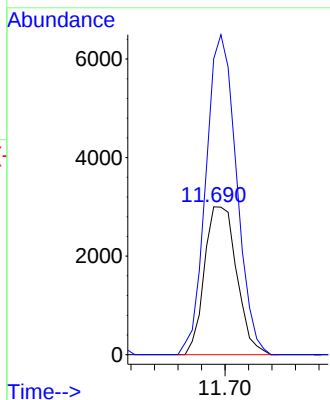
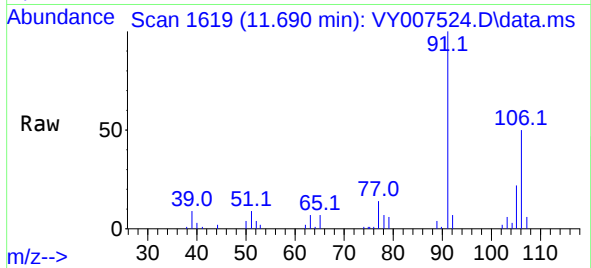




#68
m/p-Xylenes
Concen: 2.826 ug/l
RT: 11.690 min Scan# 1619
Delta R.T. -0.013 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

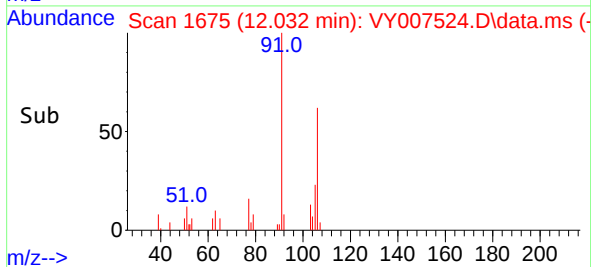
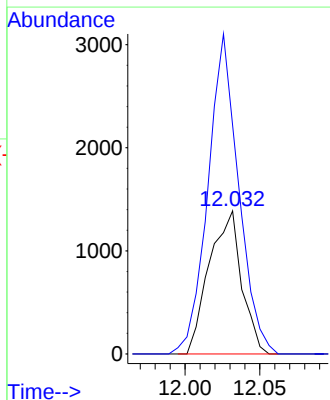
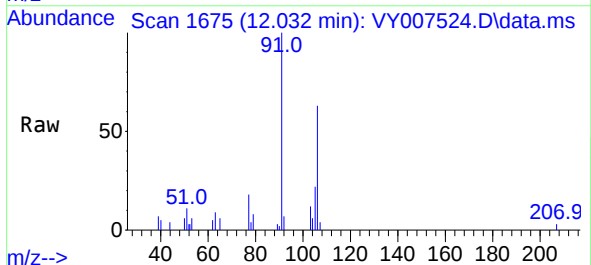
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1-2

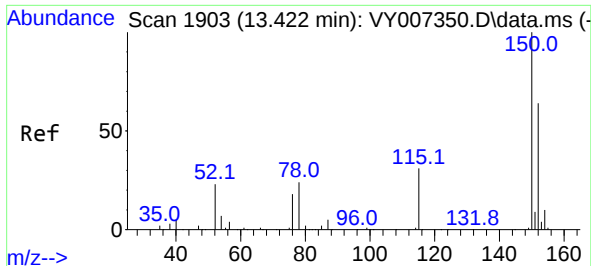
Tgt Ion:106 Resp: 5708
Ion Ratio Lower Upper
106 100
91 205.7 166.6 249.8



#69
o-Xylene
Concen: 1.093 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Tgt Ion:106 Resp: 2088
Ion Ratio Lower Upper
106 100
91 211.8 110.3 331.0

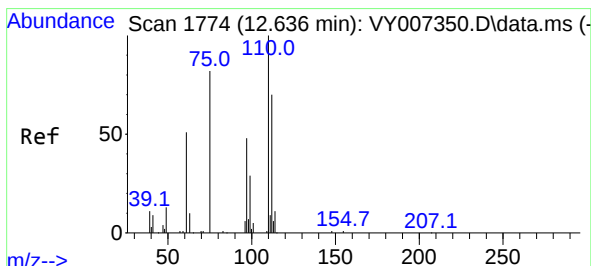
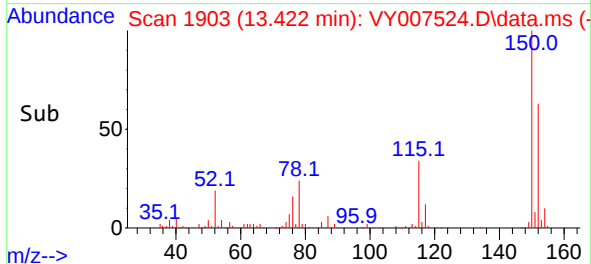
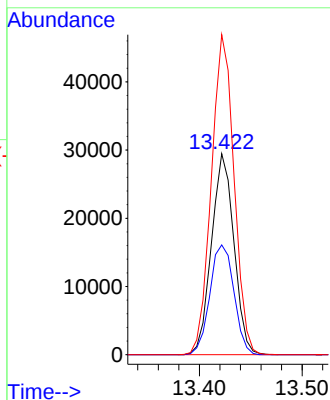
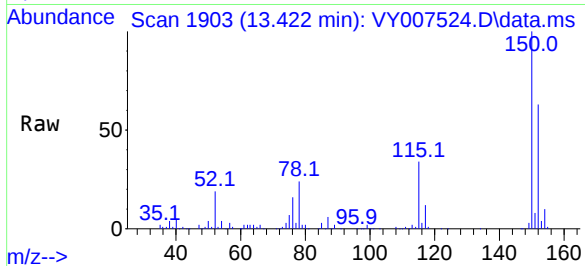




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

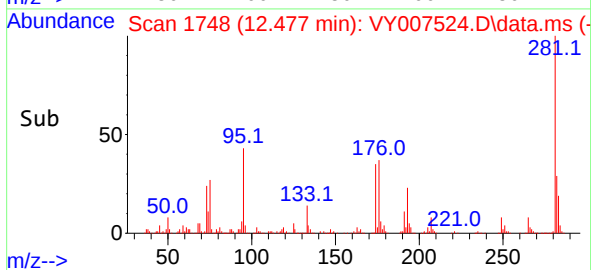
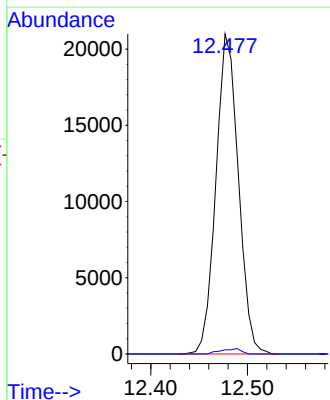
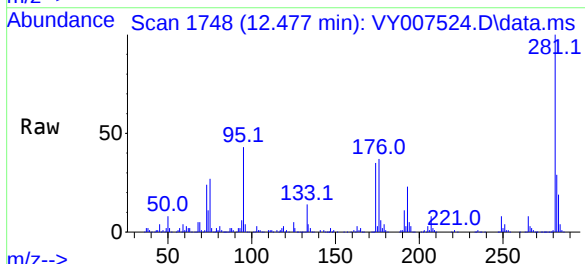
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-1-2

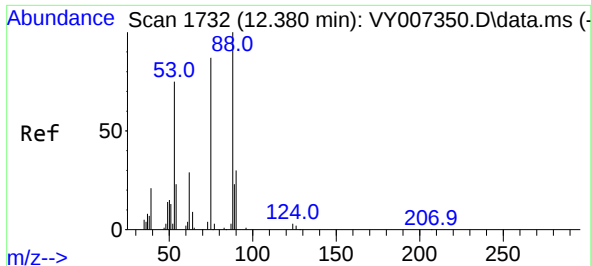
Tgt Ion:152 Resp: 44659
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 161.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 65.425 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007524.D
Acq: 17 Feb 2022 15:51

Tgt Ion: 75 Resp: 33760
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.982 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY007524.D
 Acq: 17 Feb 2022 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-1-2

Tgt Ion: 75 Resp: 33760
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.8 37.0 55.4#

