

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006292.D
 Acq On : 04 Oct 2021 21:24
 Operator : SY/MD
 Sample : M4041-04
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2

Quant Time: Oct 05 06:39:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

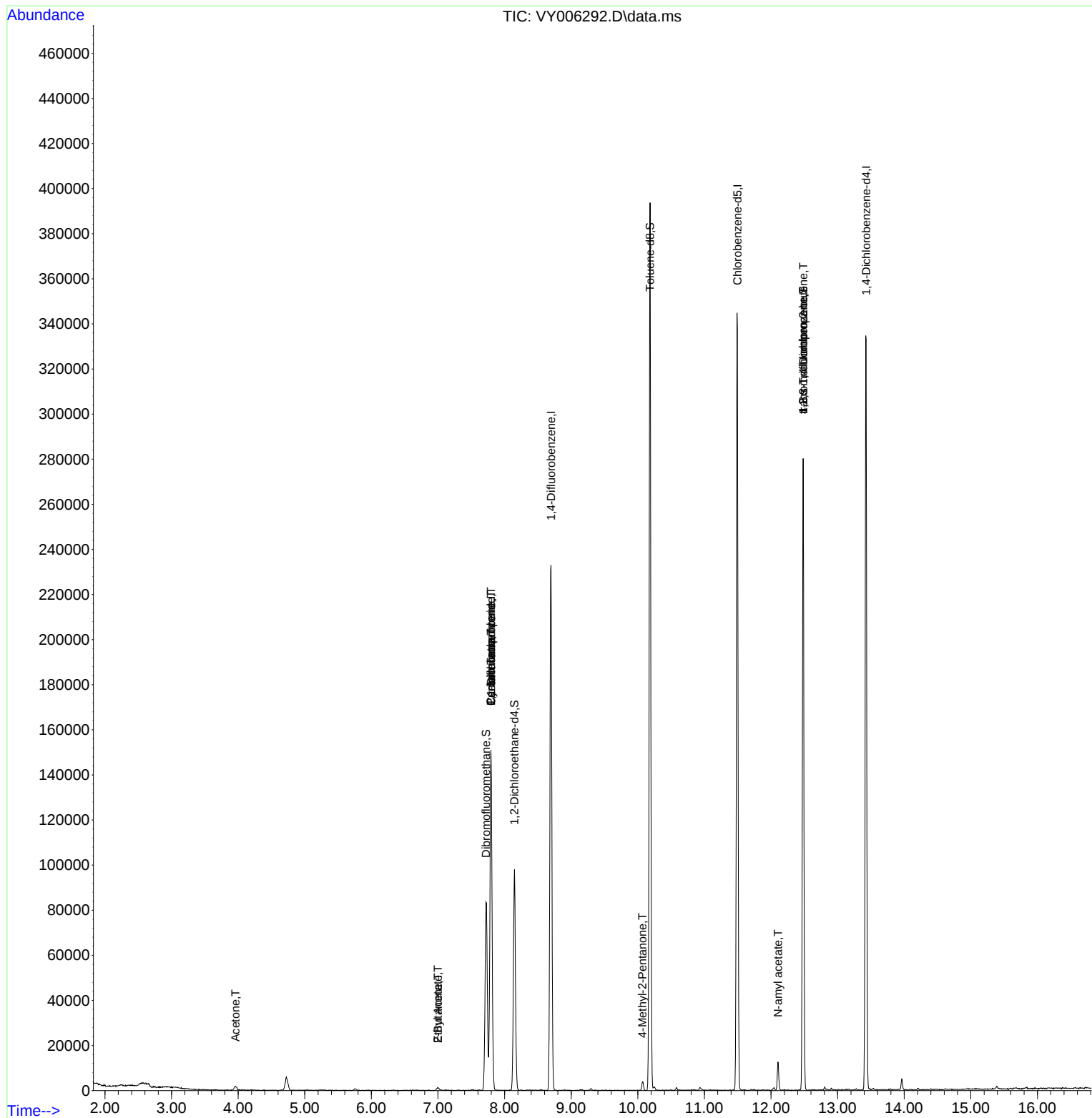
Internal Standards						
1) Pentafluorobenzene	7.795	168	114035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	179091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77696	63.659	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.320%			
35) Dibromofluoromethane	7.722	113	56303	55.105	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.220%			
50) Toluene-d8	10.185	98	238671	55.814	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.620%			
62) 4-Bromofluorobenzene	12.483	95	75765	52.156	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.320%			
Target Compounds						
16) Acetone	3.960	43	3409	10.000	ug/l #	73
20) Methylene Chloride	4.722	84	4266	Below Cal	#	86
25) 2-Butanone	6.996	43	2206	4.646	ug/l #	85
31) Cyclohexane	7.795	56	2577	1.114	ug/l #	43
36) 1,1-Dichloropropene	7.795	75	9025	4.743	ug/l #	51
37) Ethyl Acetate	6.996	43	2206	1.990	ug/l #	72
38) Carbon Tetrachloride	7.795	117	11031	5.490	ug/l #	14
51) 4-Methyl-2-Pentanone	10.069	43	2847	2.579	ug/l	96
74) N-amyl acetate	12.105	43	7560	4.056	ug/l #	51
76) 1,2,3-Trichloropropane	12.483	75	43875	53.846	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43875	105.815	ug/l #	7

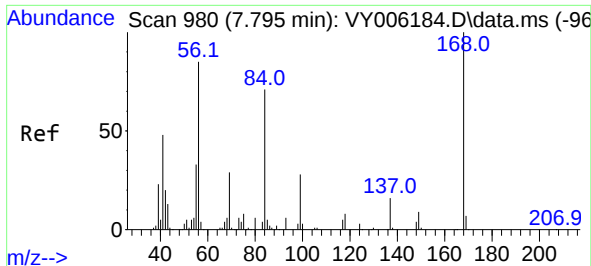
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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S-2

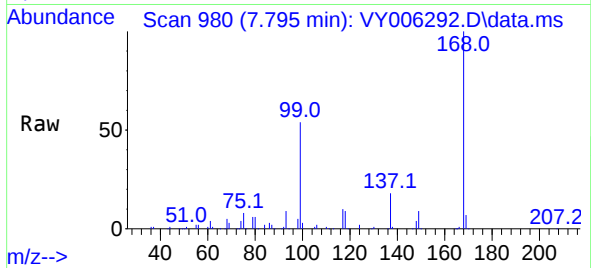
Quant Time: Oct 05 06:39:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
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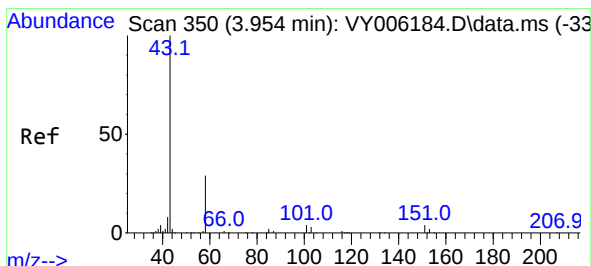
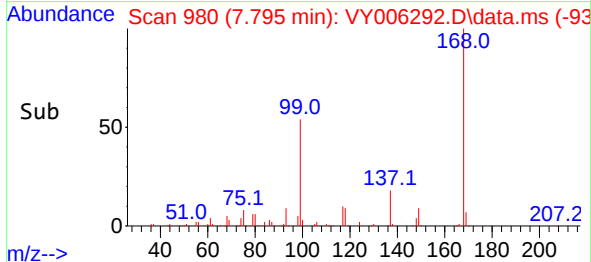
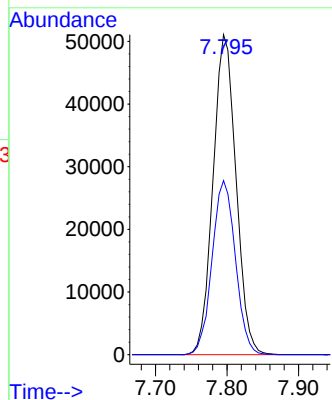


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

Instrument :
MSVOA_Y
ClientSampled :
S-2

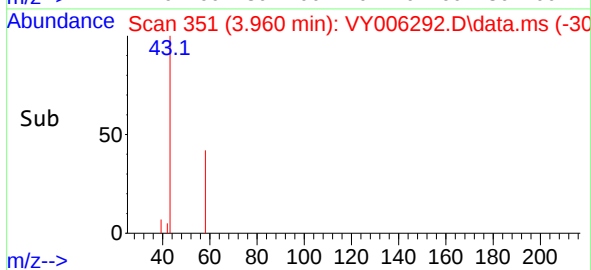
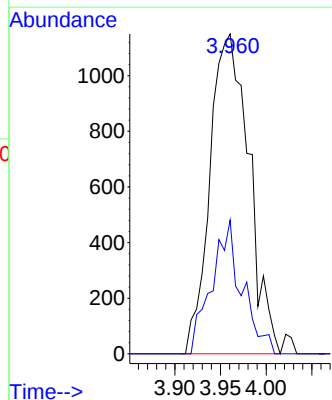
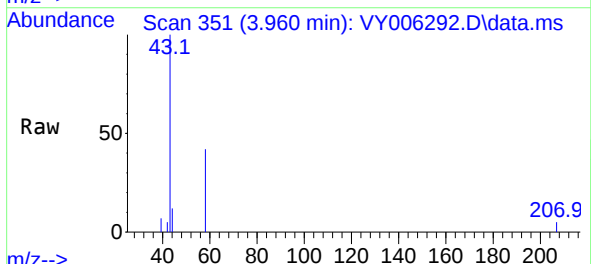


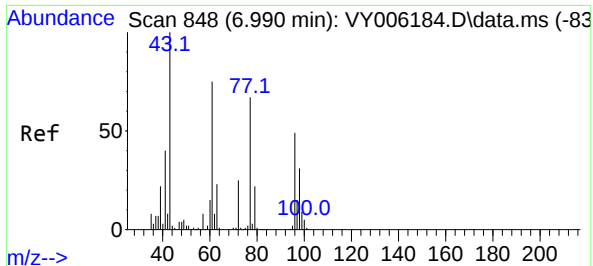
Tgt Ion:168 Resp: 114035
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 10.000 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

Tgt Ion: 43 Resp: 3409
Ion Ratio Lower Upper
43 100
58 41.8 22.0 33.0#





#25

2-Butanone

Concen: 4.646 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006292.D

Acq: 04 Oct 2021 21:24

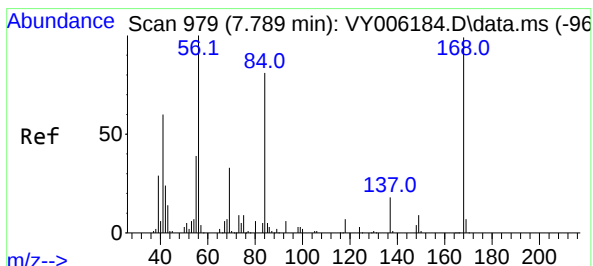
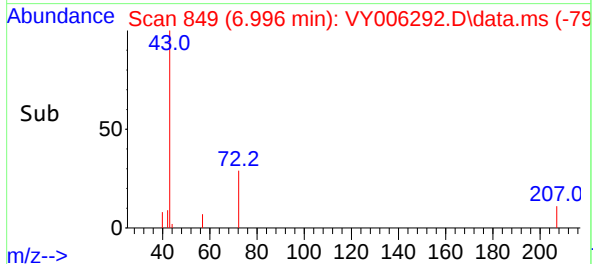
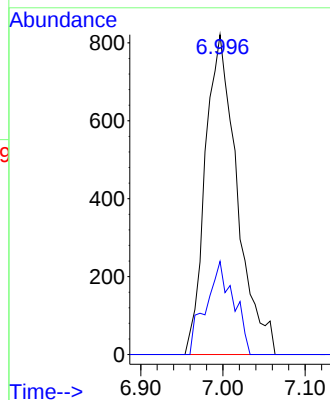
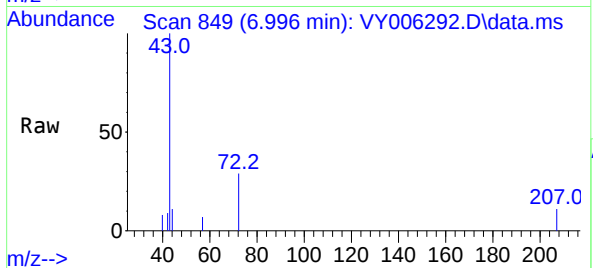
Instrument :

MSVOA_Y

ClientSampled :

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Tgt Ion: 43 Resp: 2206
 Ion Ratio Lower Upper
 43 100
 72 29.1 17.7 26.5#



#31

Cyclohexane

Concen: 1.114 ug/l

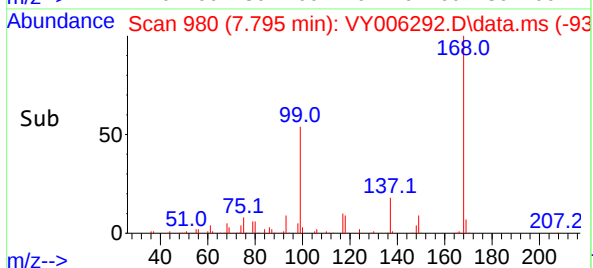
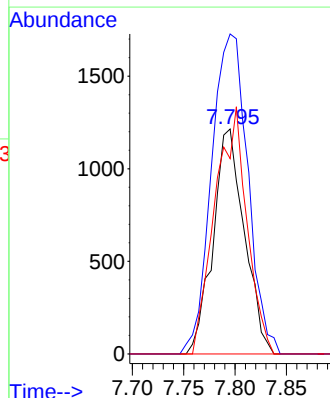
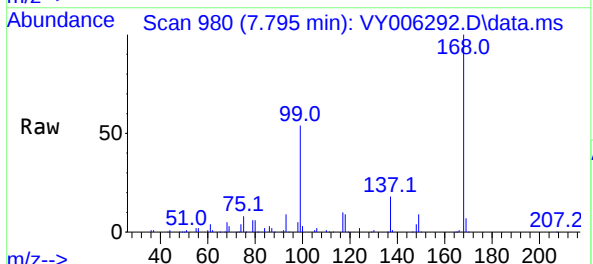
RT: 7.795 min Scan# 980

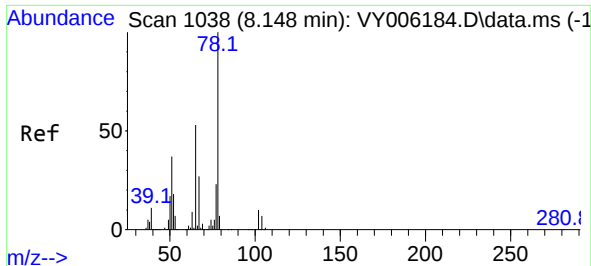
Delta R.T. 0.006 min

Lab File: VY006292.D

Acq: 04 Oct 2021 21:24

Tgt Ion: 56 Resp: 2577
 Ion Ratio Lower Upper
 56 100
 69 142.2 26.7 40.1#
 84 86.8 67.2 100.8

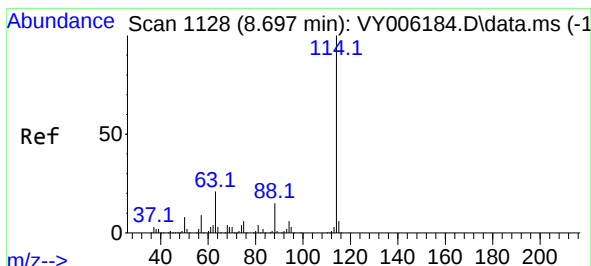
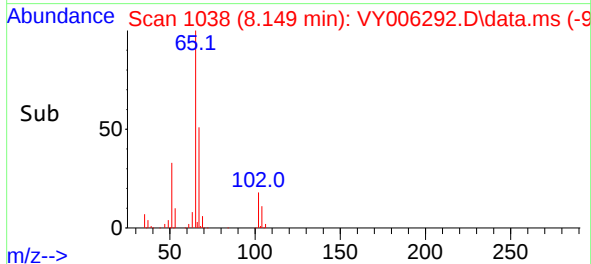
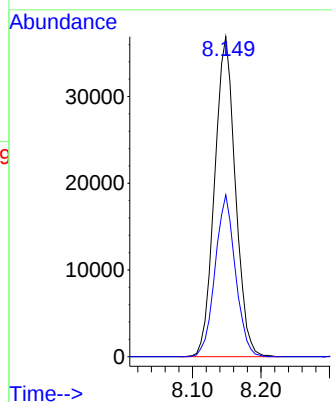
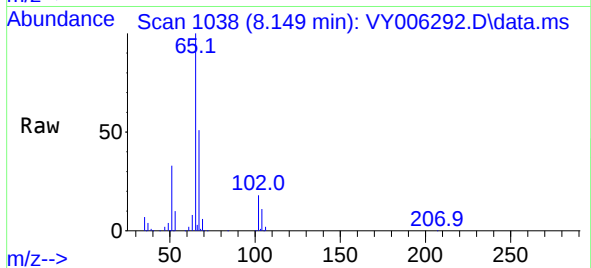




#33
1,2-Dichloroethane-d4
Concen: 63.659 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

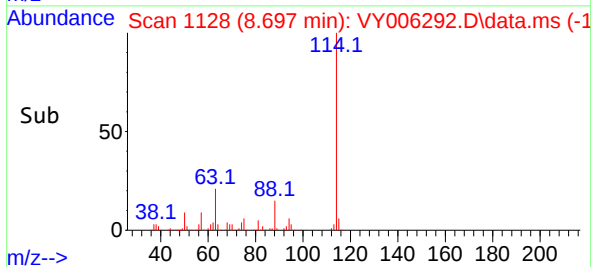
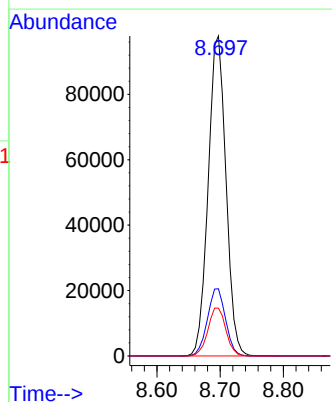
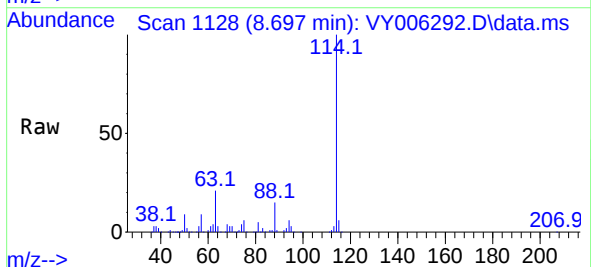
Instrument :
MSVOA_Y
ClientSampled :
S-2

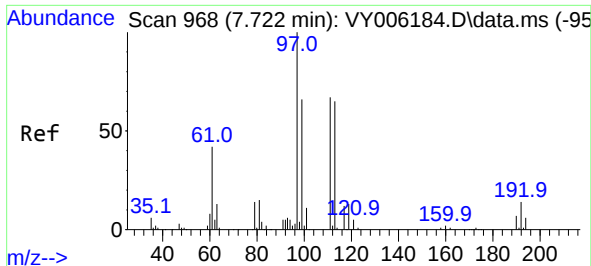
Tgt Ion: 65 Resp: 77696
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

Tgt Ion:114 Resp: 191243
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 14.9 0.0 31.8

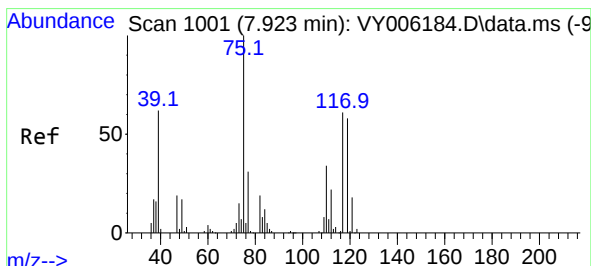
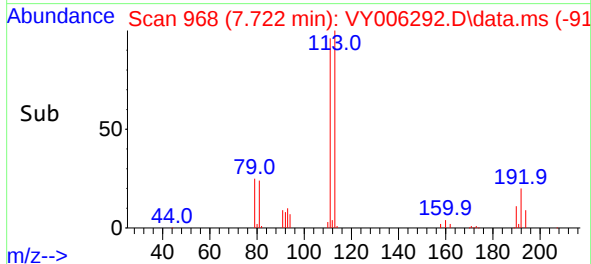
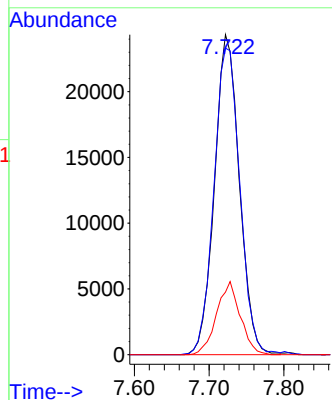
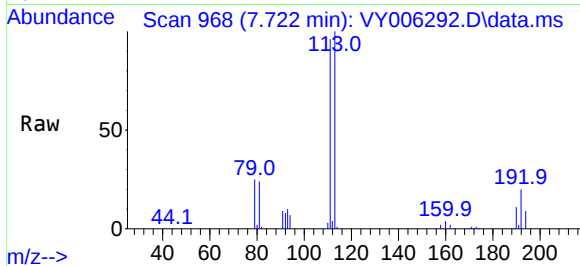




#35
Dibromofluoromethane
Concen: 55.105 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

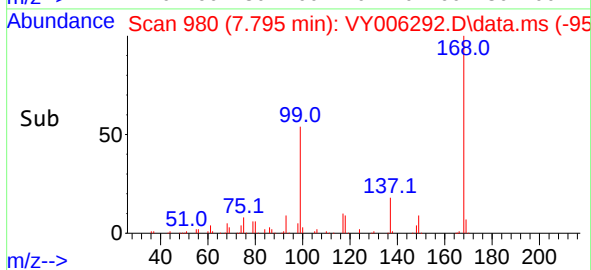
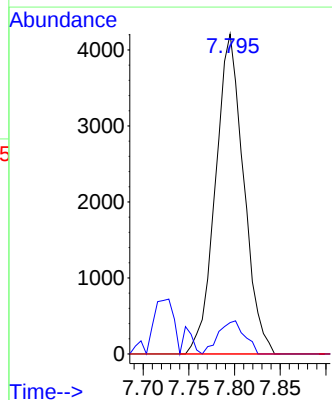
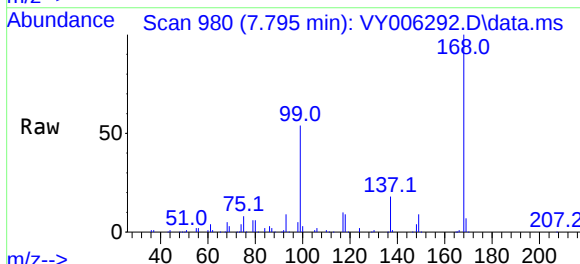
Instrument :
MSVOA_Y
ClientSampled :
S-2

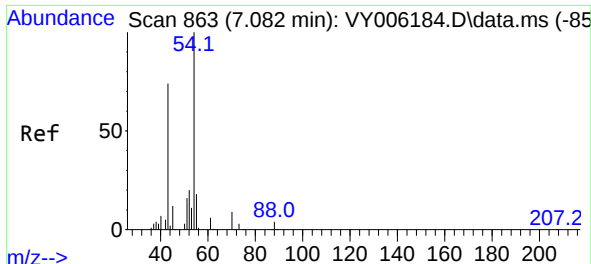
Tgt Ion:113 Resp: 56303
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

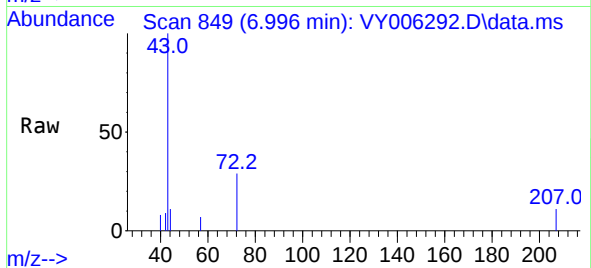
Tgt Ion: 75 Resp: 9025
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



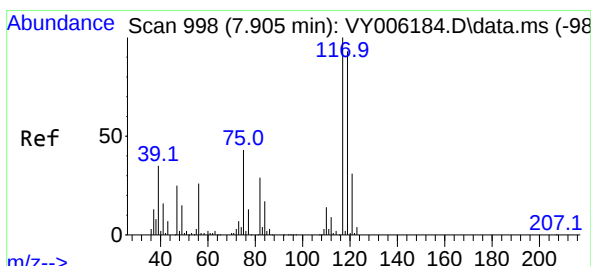
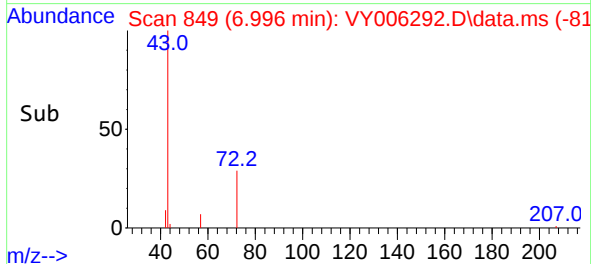
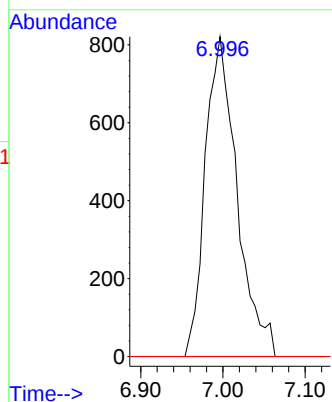


#37
Ethyl Acetate
Concen: 1.990 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

Instrument :
MSVOA_Y
ClientSampled :
S-2

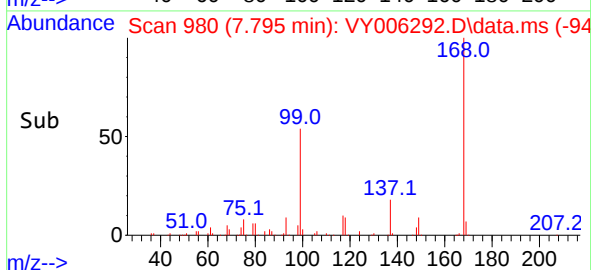
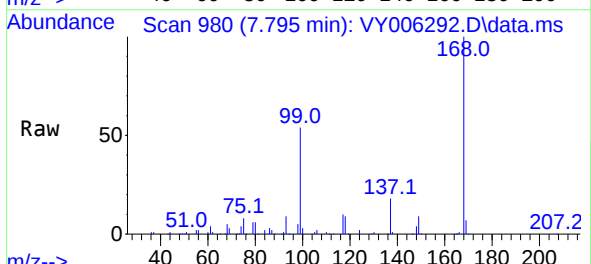
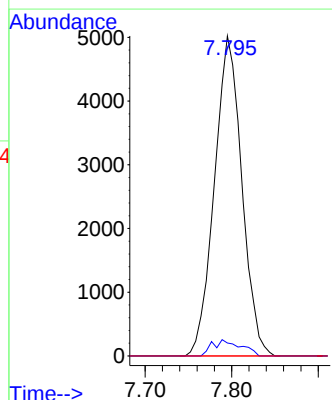


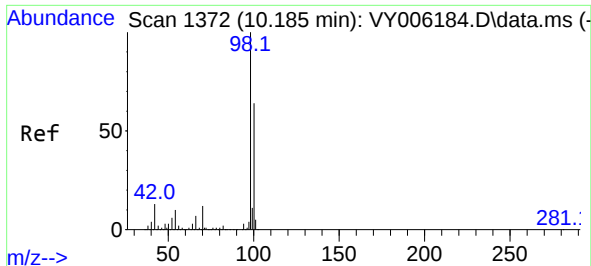
Tgt Ion: 43 Resp: 2206
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

Tgt Ion: 117 Resp: 11031
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#

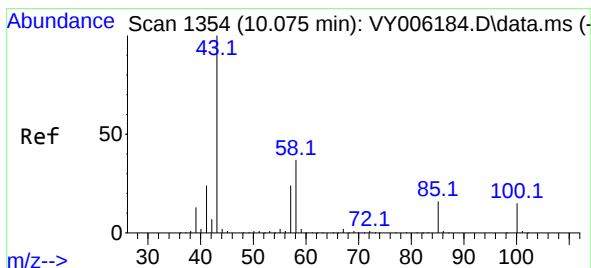
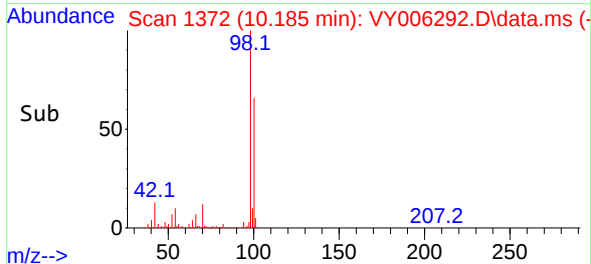
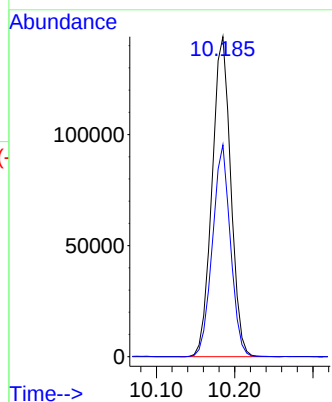
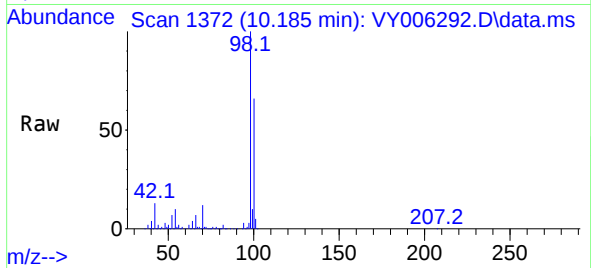




#50
Toluene-d8
Concen: 55.814 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

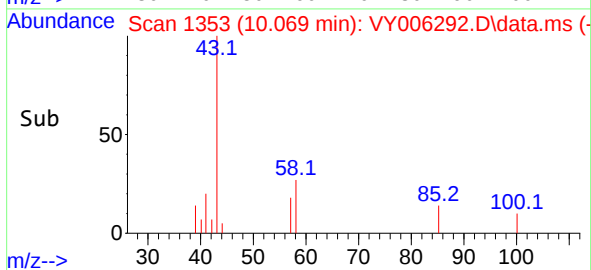
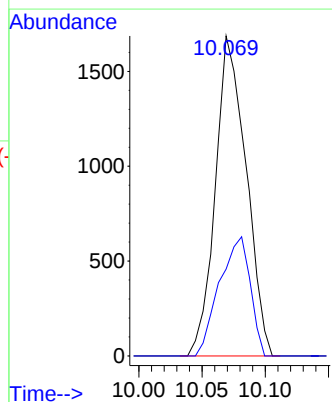
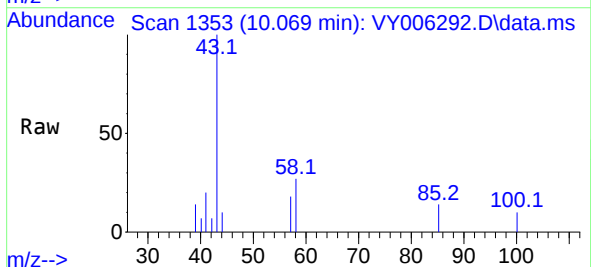
Instrument :
MSVOA_Y
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S-2

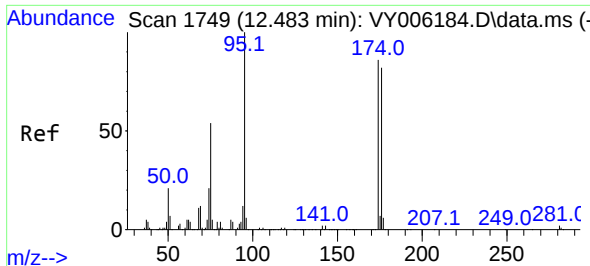
Tgt Ion: 98 Resp: 238671
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 2.579 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

Tgt Ion: 43 Resp: 2847
Ion Ratio Lower Upper
43 100
58 37.3 28.1 42.1

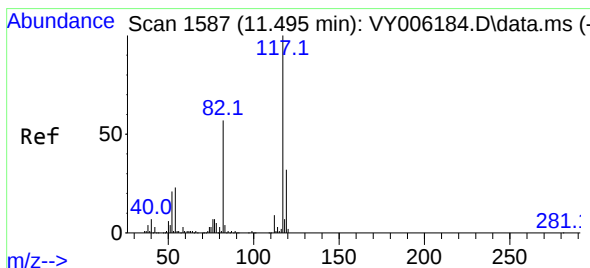
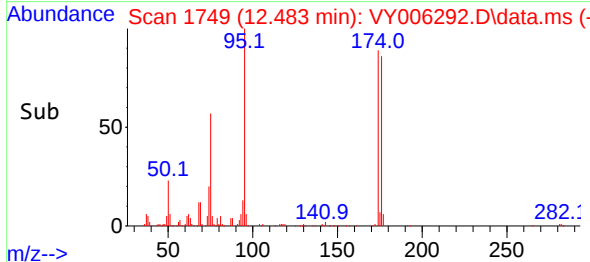
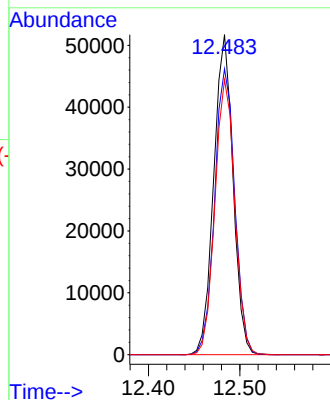
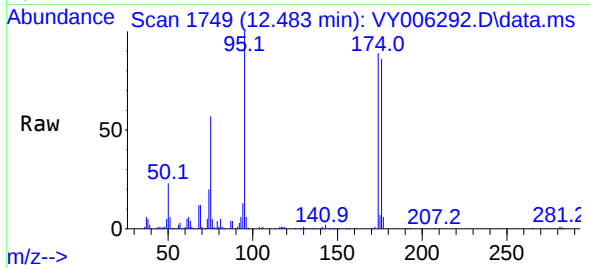




#62
4-Bromofluorobenzene
Concen: 52.156 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

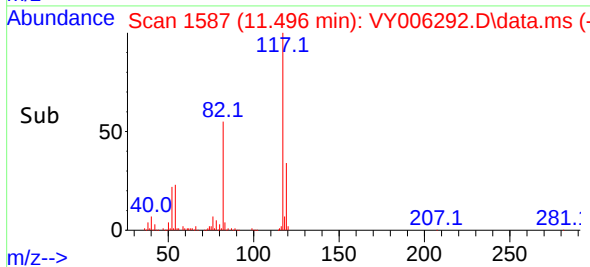
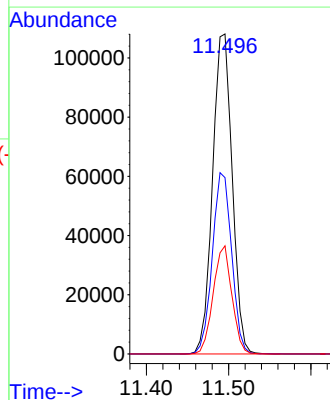
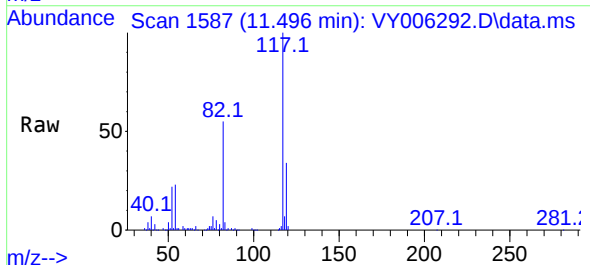
Instrument :
MSVOA_Y
ClientSampleId :
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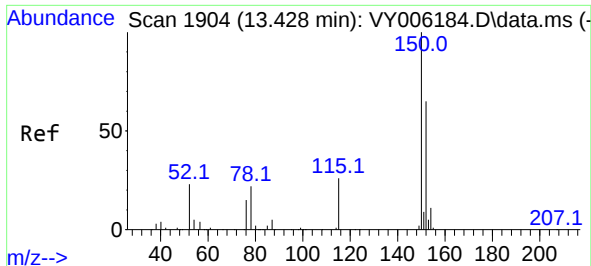
Tgt Ion:	95	Resp:	75765
Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	177.0
176	88.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

Tgt Ion:	117	Resp:	179091
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.0	64.4
119	33.8	25.4	38.0

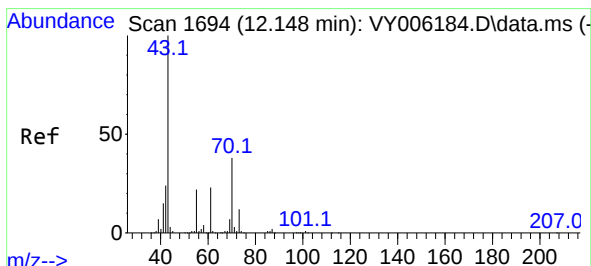
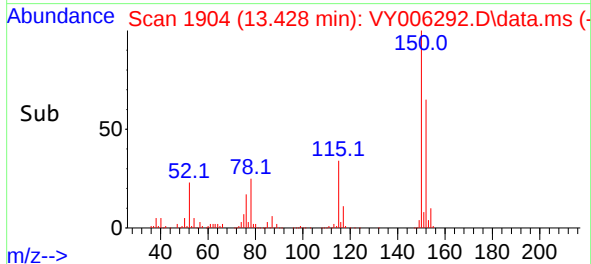
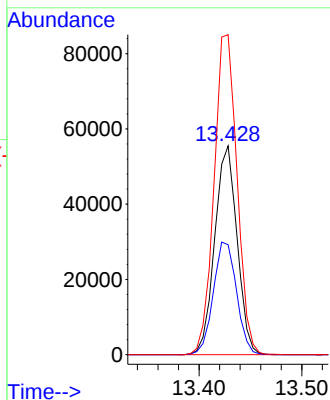
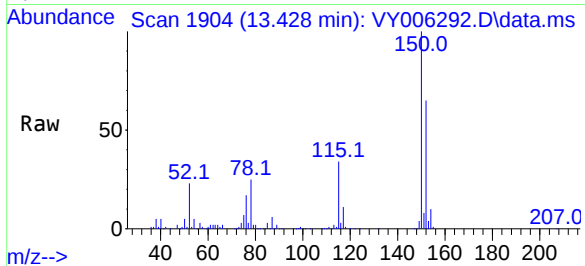




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

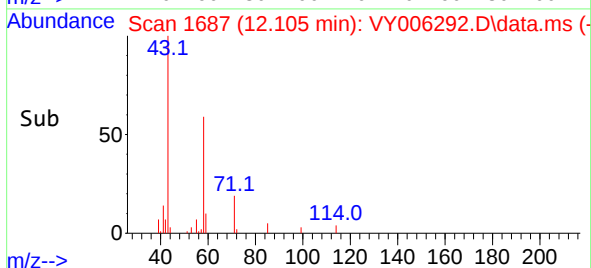
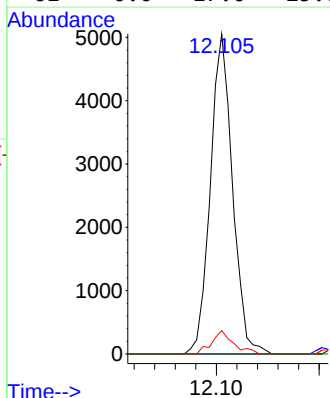
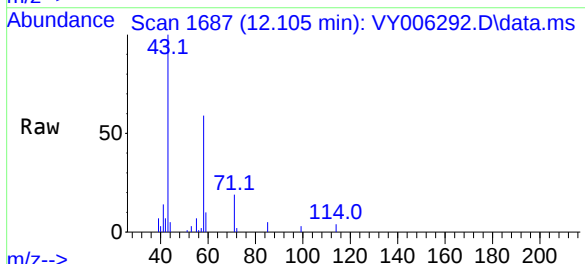
Instrument :
MSVOA_Y
ClientSampled :
S-2

Tgt Ion:152 Resp: 83834
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 157.3 0.0 347.6

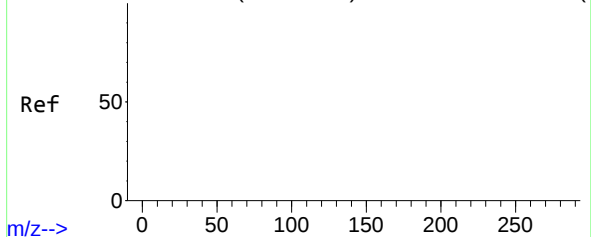


#74
N-ethyl acetate
Concen: 4.056 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.043 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

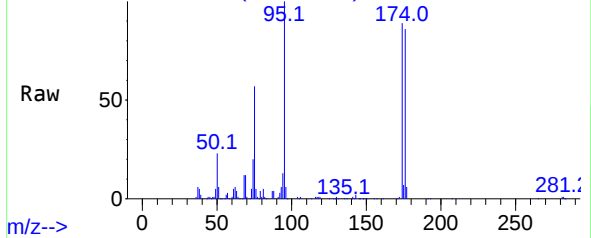
Tgt Ion: 43 Resp: 7560
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 7.1 17.3 25.9#
61 0.0 17.0 25.6#



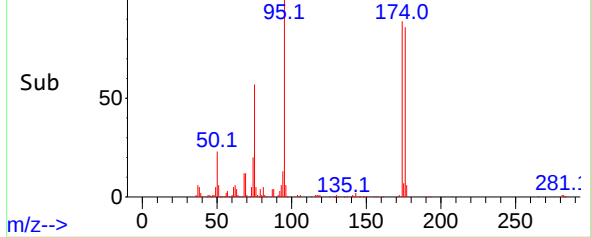
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006292.D\data.ms (-

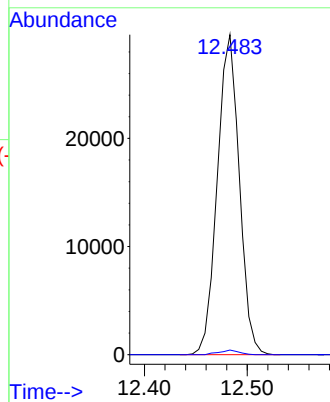


Abundance Scan 1749 (12.483 min): VY006292.D\data.ms (-

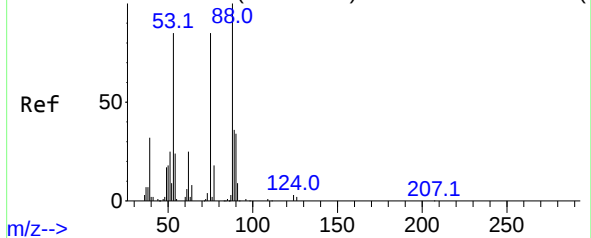


#76
1,2,3-Trichloropropane
Concen: 53.846 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

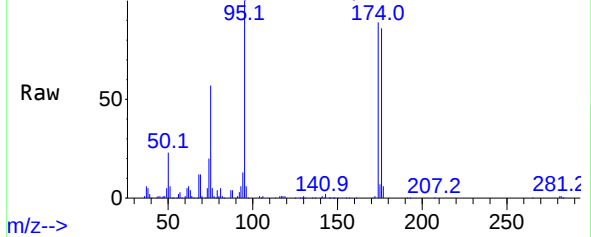
Tgt Ion: 75 Resp: 43875
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



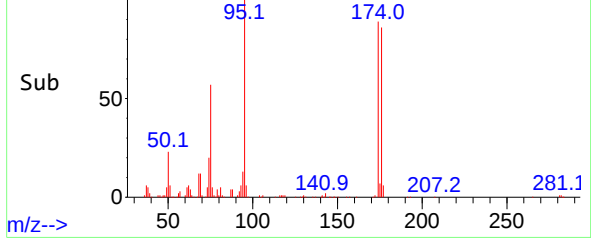
Abundance Scan 1732 (12.379 min): VY006184.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006292.D\data.ms (-



Abundance Scan 1749 (12.483 min): VY006292.D\data.ms (-



#81
trans-1,4-Dichloro-2-butene
Concen: 105.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006292.D
Acq: 04 Oct 2021 21:24

Tgt Ion: 75 Resp: 43875
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

