

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005663.D
 Acq On : 16 Aug 2021 12:26
 Operator : SY/MD
 Sample : M3404-07RE
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6FTRE

Quant Time: Aug 17 05:18:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	16921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	25569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11689	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10464	61.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.180%
35) Dibromofluoromethane	7.722	113	7981	54.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.280%
50) Toluene-d8	10.185	98	33057	53.467	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.940%
62) 4-Bromofluorobenzene	12.483	95	10247	50.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.100%

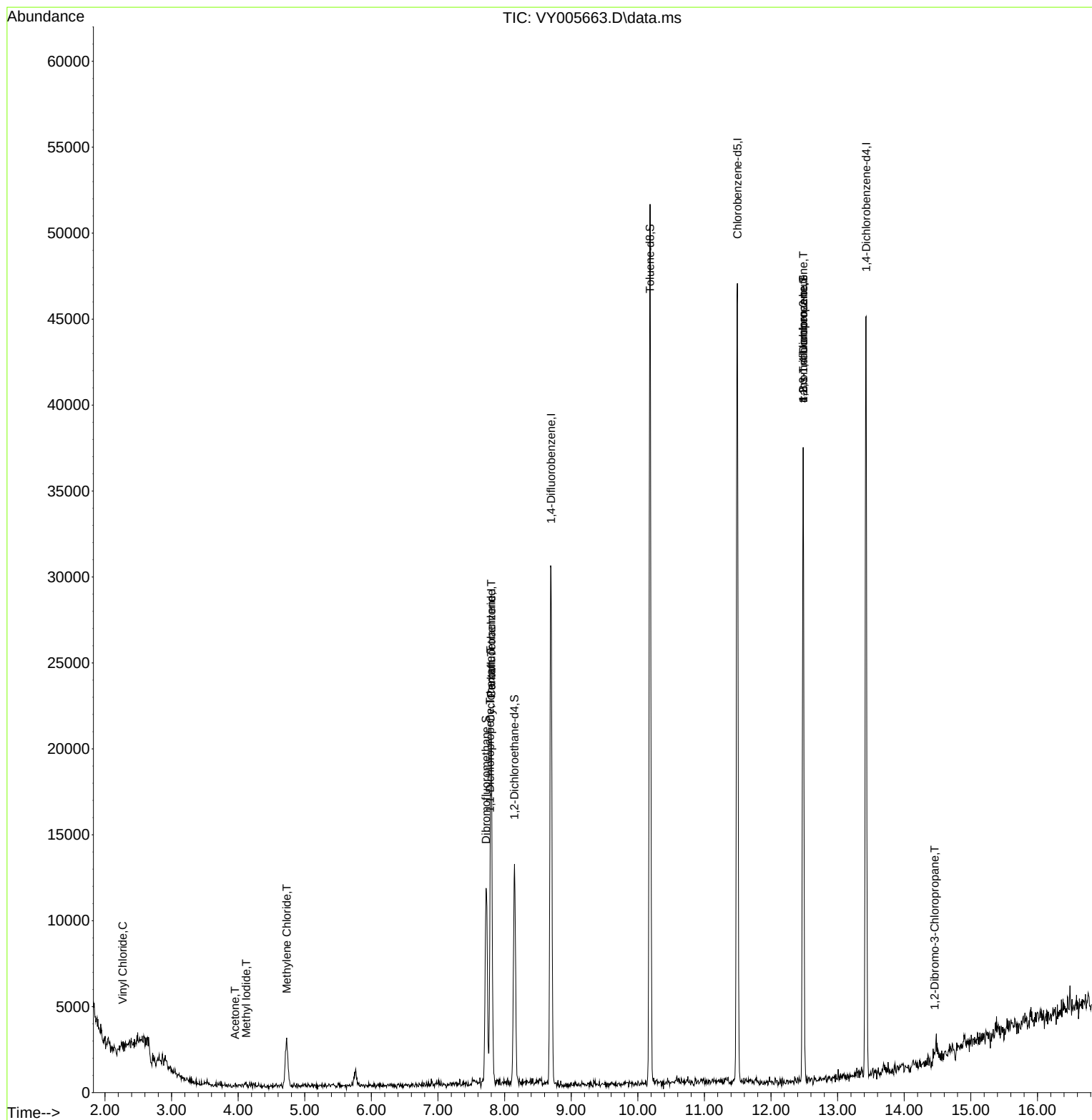
Target Compounds					Qvalue	
4) Vinyl Chloride	2.266	62	252	1.267	ug/l #	42
10) Methyl Iodide	4.119	142	259	1.440	ug/l #	86
16) Acetone	3.954	43	231	5.349	ug/l #	45
20) Methylene Chloride	4.729	84	2007	6.442	ug/l	97
31) Cyclohexane	7.789	56	390	1.327	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	1203	4.871	ug/l #	45
38) Carbon Tetrachloride	7.801	117	1733	6.456	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	5673	46.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5673	94.410	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.458	75	41	1.378	ug/l #	1

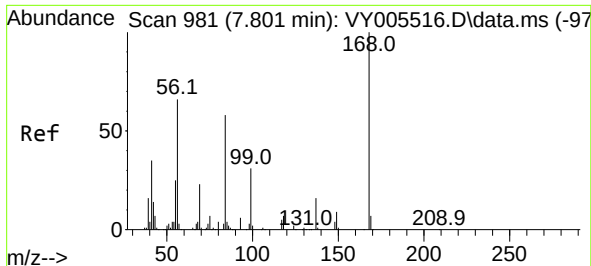
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

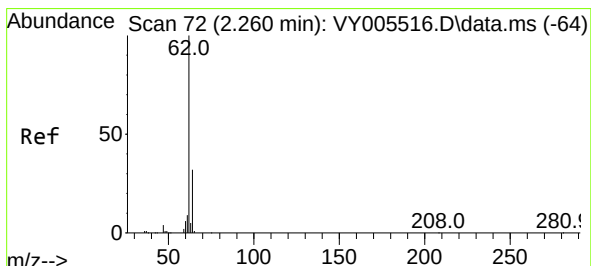
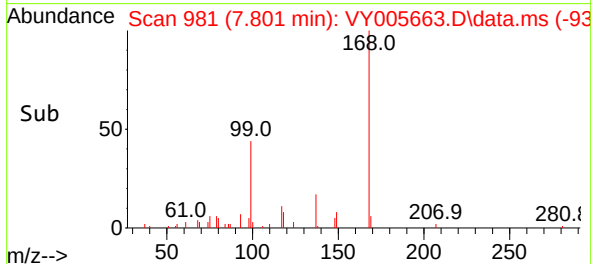
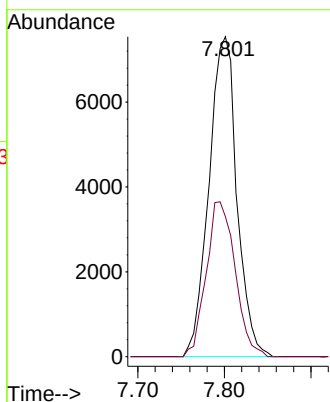
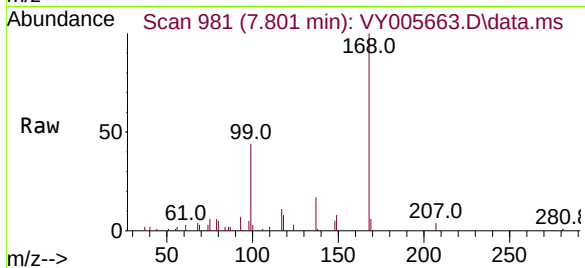




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

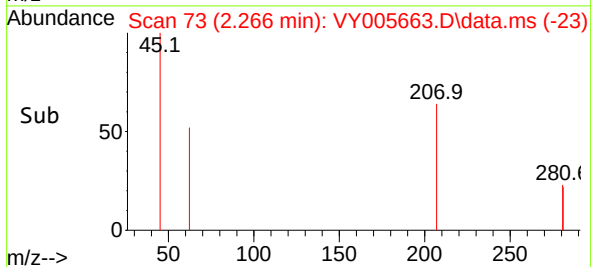
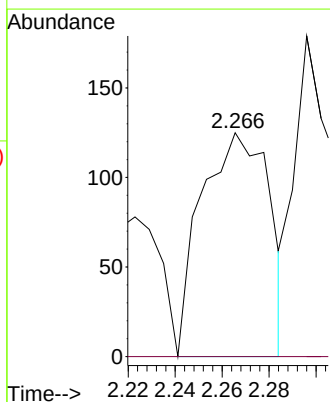
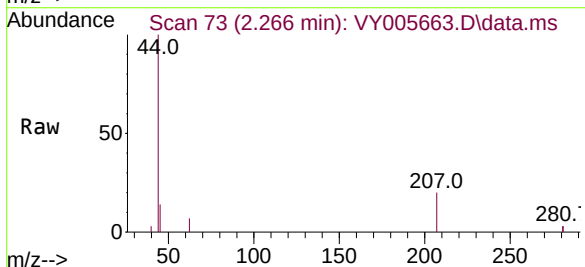
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FTRE

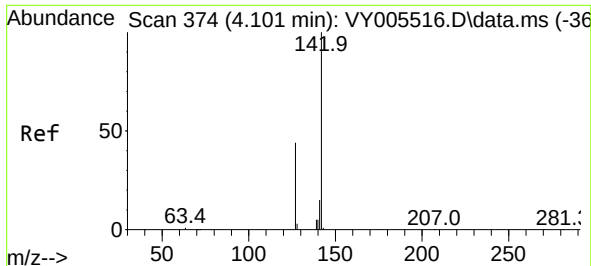
Tgt Ion:168 Resp: 16921
Ion Ratio Lower Upper
168 100
99 43.7 38.9 58.3



#4
Vinyl Chloride
Concen: 1.267 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion: 62 Resp: 252
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

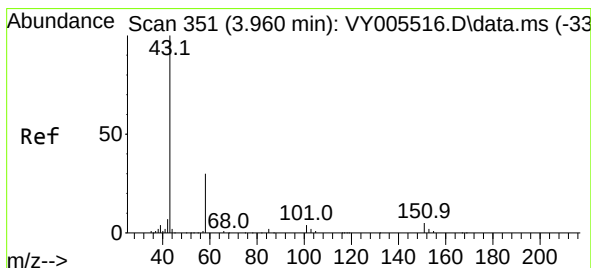
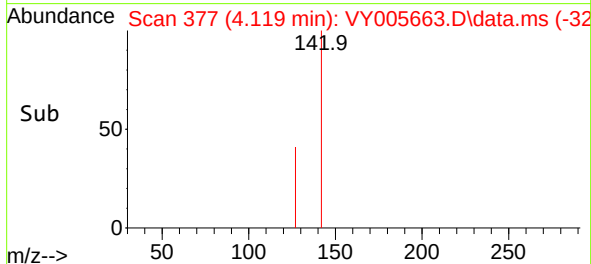
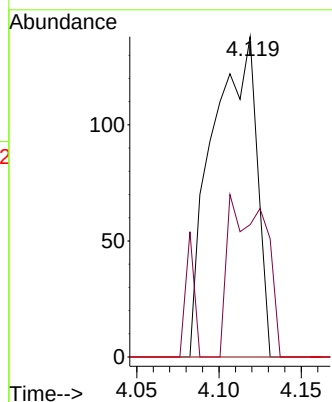
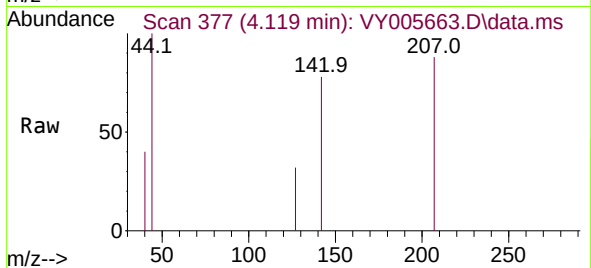




#10
Methyl Iodide
Concen: 1.440 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

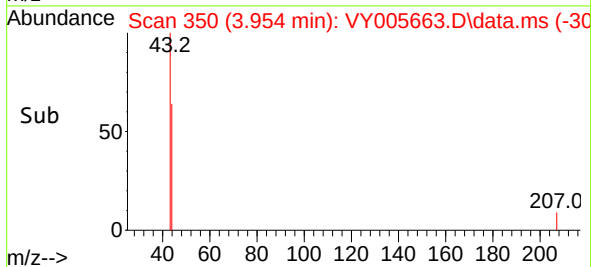
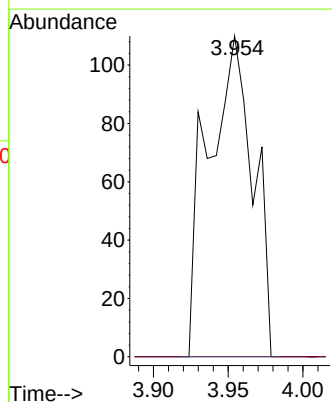
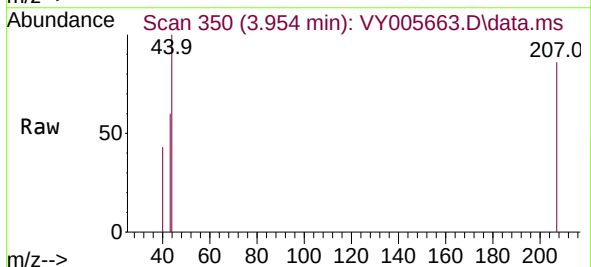
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FTRE

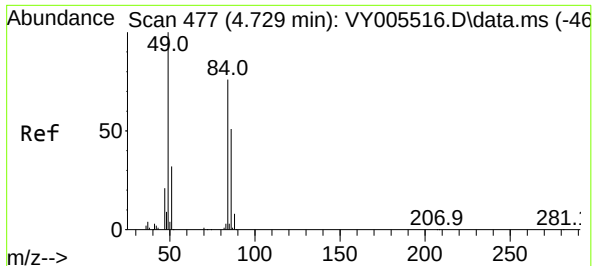
Tgt Ion:142 Resp: 259
Ion Ratio Lower Upper
142 100
127 41.7 36.6 54.8
141 0.0 12.2 18.4#



#16
Acetone
Concen: 5.349 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



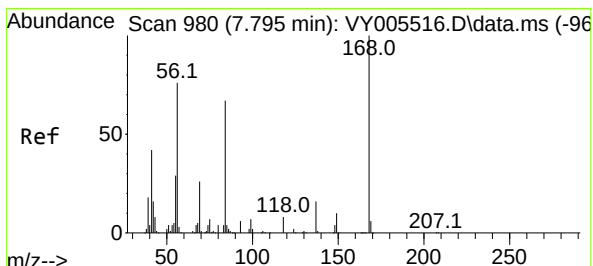
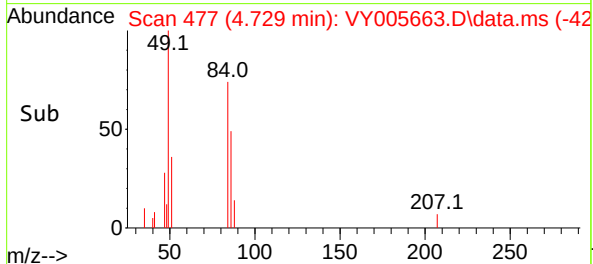
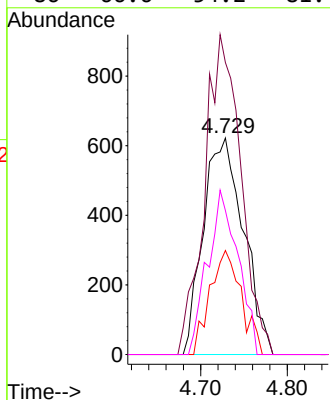
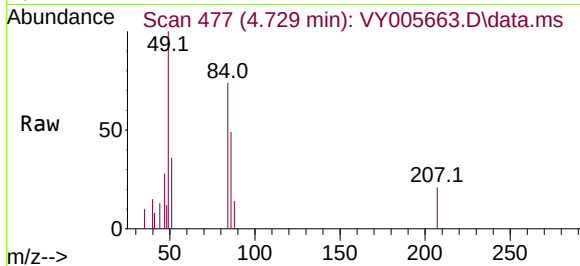


#20
Methylene Chloride
Concen: 6.442 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FTRE

Tgt Ion: 84 Resp: 2007

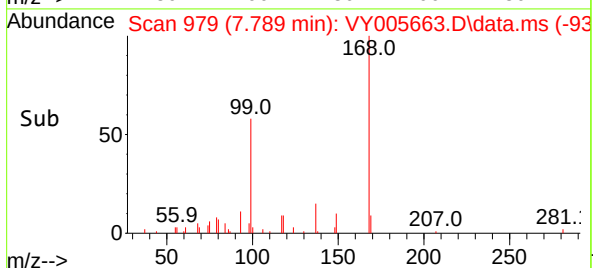
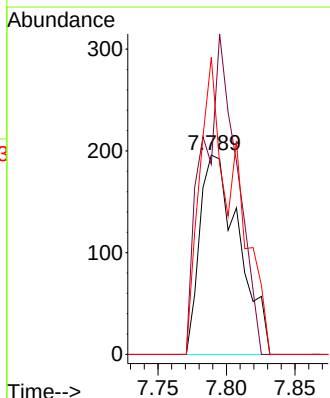
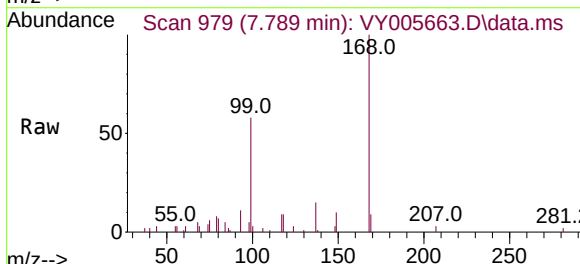
Ion	Ratio	Lower	Upper
84	100		
49	134.9	105.8	158.6
51	48.1	33.4	50.2
86	66.6	54.2	81.4

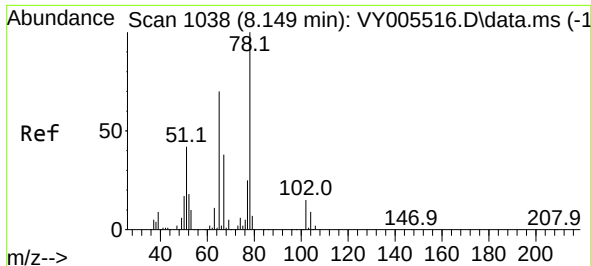


#31
Cyclohexane
Concen: 1.327 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion: 56 Resp: 390

Ion	Ratio	Lower	Upper
56	100		
69	95.4	27.7	41.5#
84	149.0	70.9	106.3#

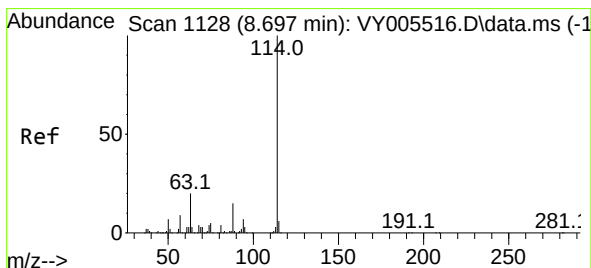
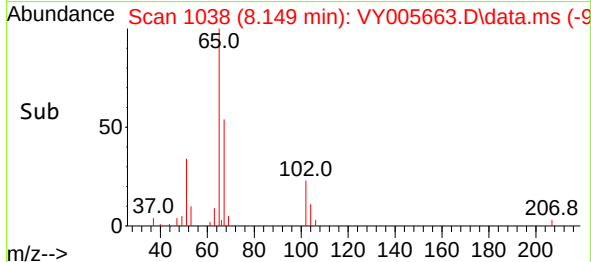
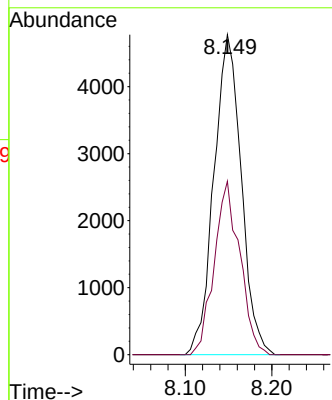
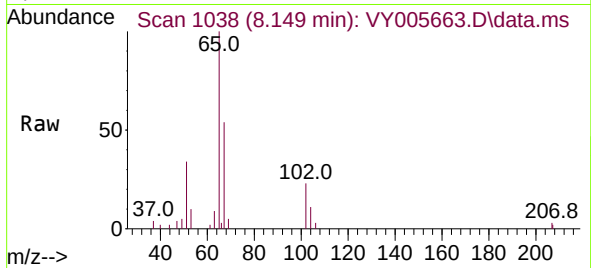




#33
 1,2-Dichloroethane-d4
 Concen: 61.092 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005663.D
 Acq: 16 Aug 2021 12:26

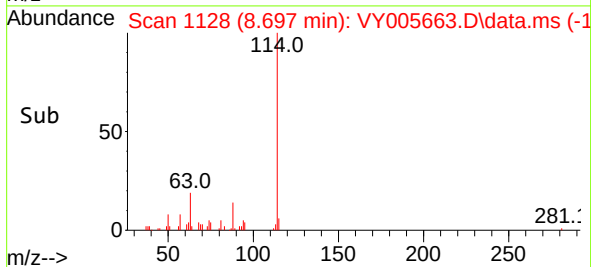
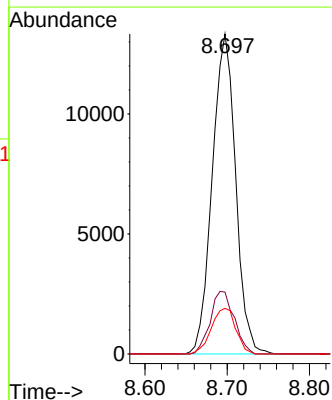
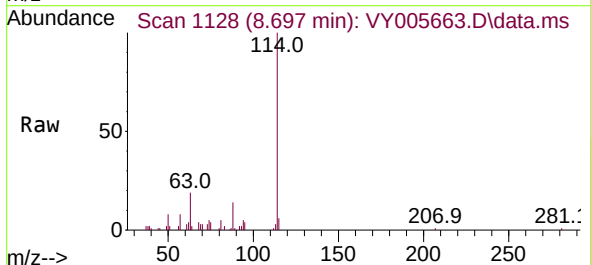
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6FTRE

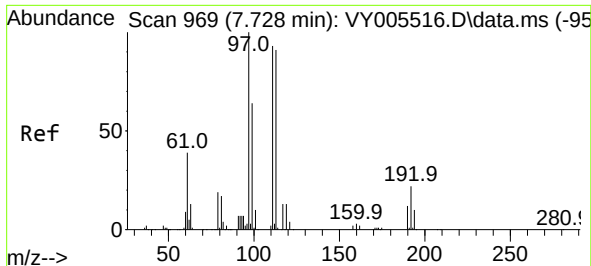
Tgt Ion: 65 Resp: 10464
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005663.D
 Acq: 16 Aug 2021 12:26

Tgt Ion: 114 Resp: 26331
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 14.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.137 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY005663.D

Acq: 16 Aug 2021 12:26

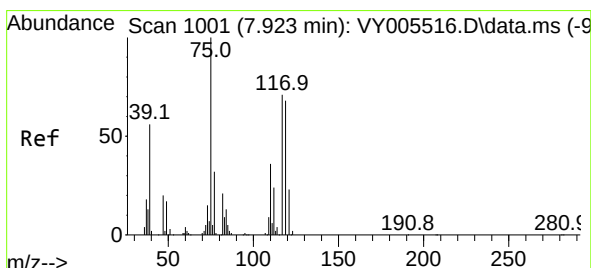
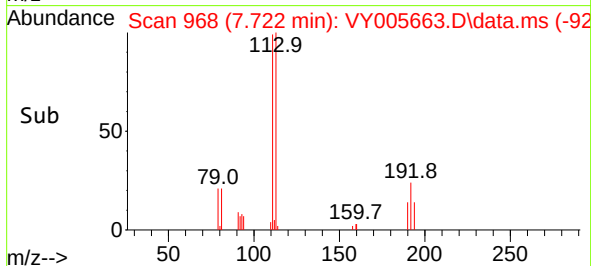
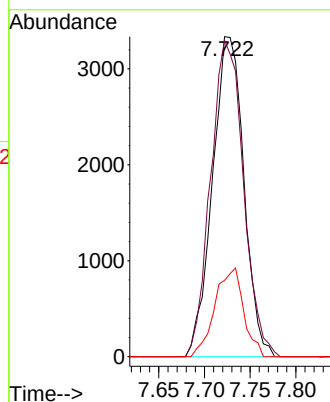
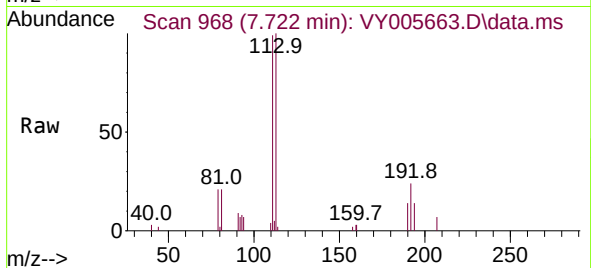
Tgt Ion:113 Resp: 7981

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 25.3 19.2 28.8



#36

1,1-Dichloropropene

Concen: 4.871 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.140 min

Lab File: VY005663.D

Acq: 16 Aug 2021 12:26

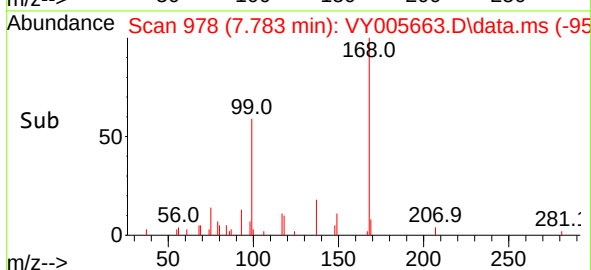
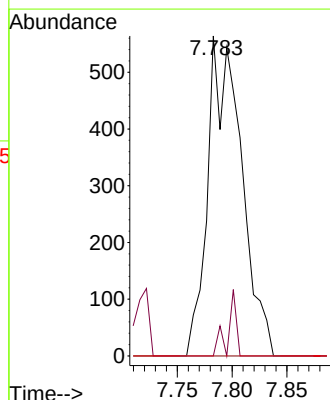
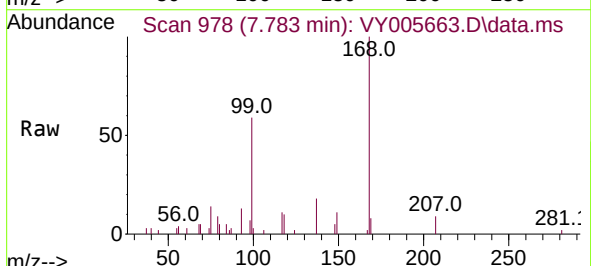
Tgt Ion: 75 Resp: 1203

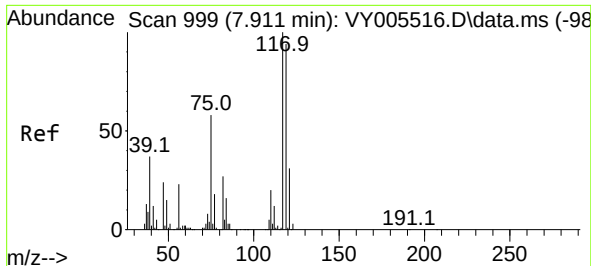
Ion Ratio Lower Upper

75 100

110 5.2 18.1 54.1#

77 0.0 25.1 37.7#

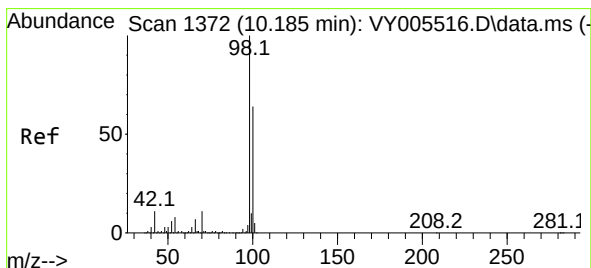
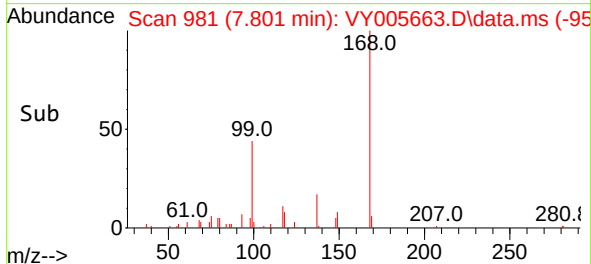
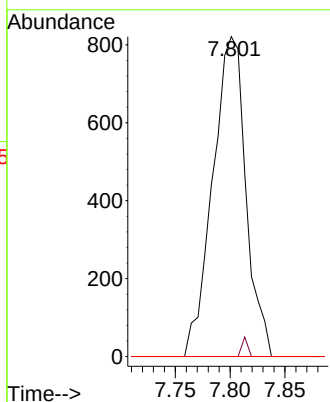
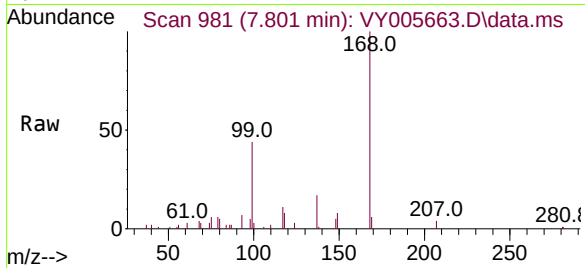




#38
Carbon Tetrachloride
Concen: 6.456 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

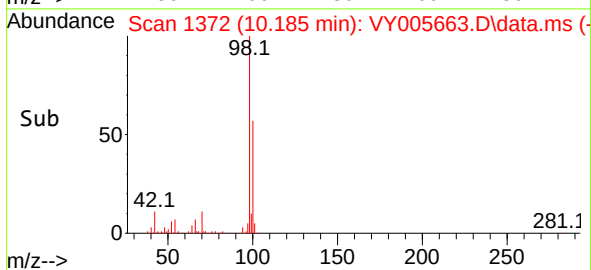
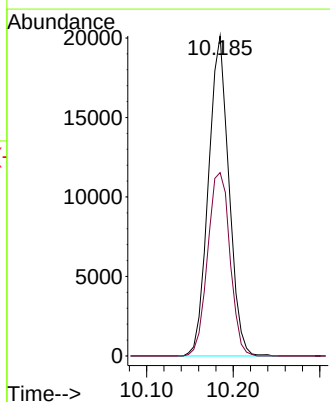
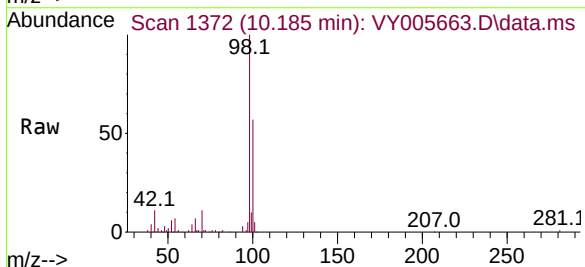
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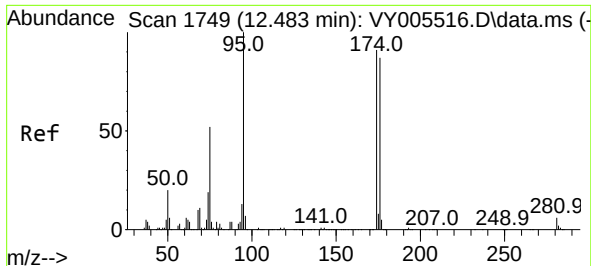
Tgt Ion:117 Resp: 1733
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.467 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion: 98 Resp: 33057
Ion Ratio Lower Upper
98 100
100 62.3 51.3 76.9

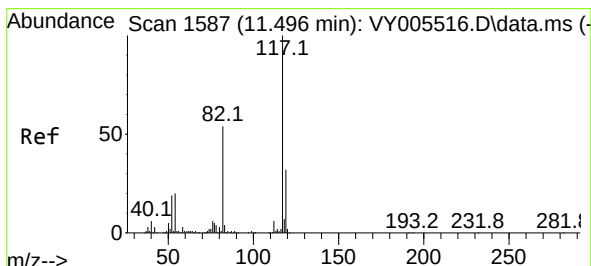
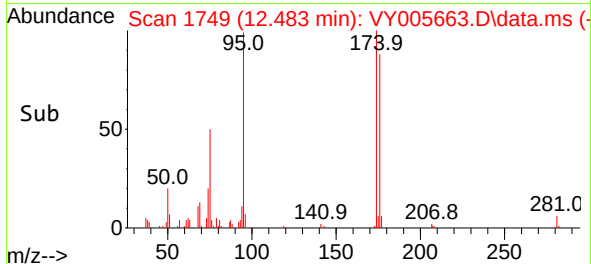
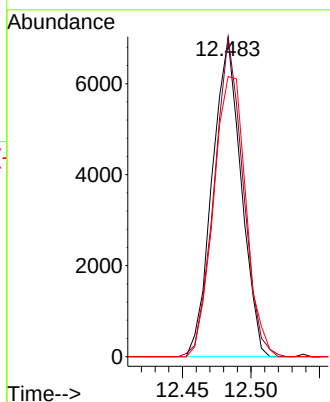
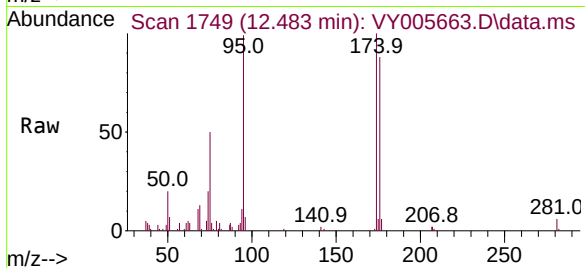




#62
4-Bromofluorobenzene
Concen: 50.049 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

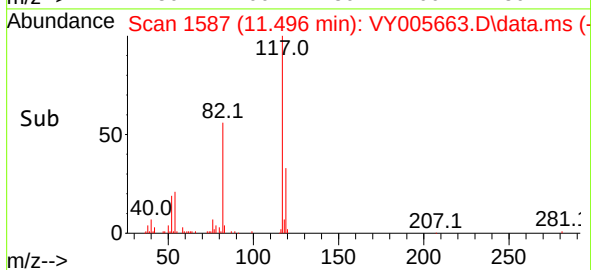
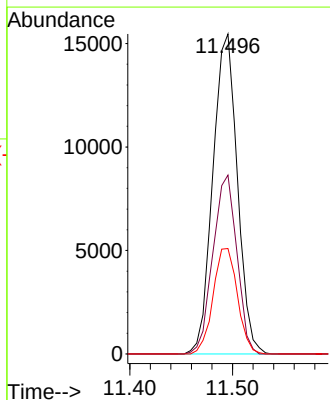
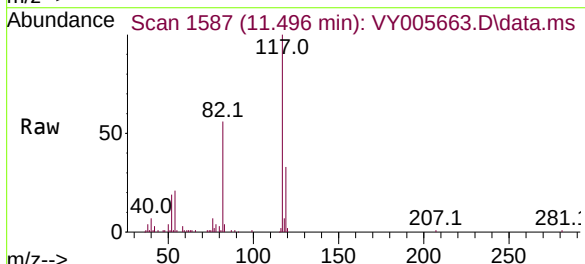
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TP3-1-6FTRE

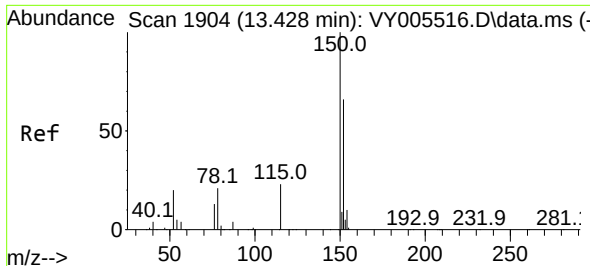
Tgt Ion:	95	Resp:	10247
Ion Ratio	Lower	Upper	
95	100		
174	99.6	0.0	191.4
176	98.6	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion:	117	Resp:	25569
Ion Ratio	Lower	Upper	
117	100		
82	55.9	43.5	65.3
119	32.9	25.5	38.3

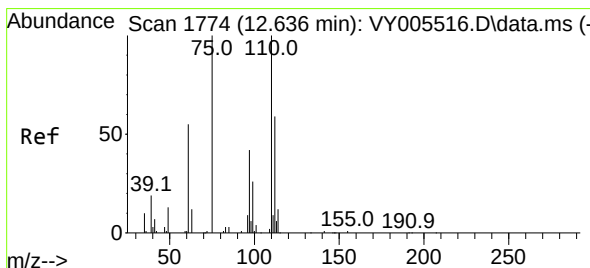
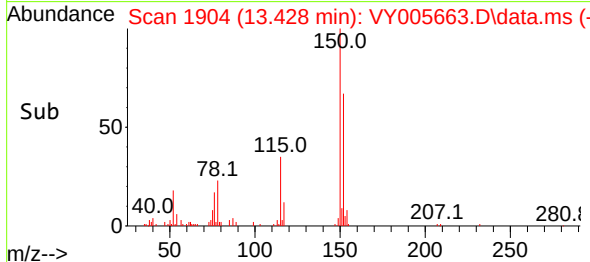
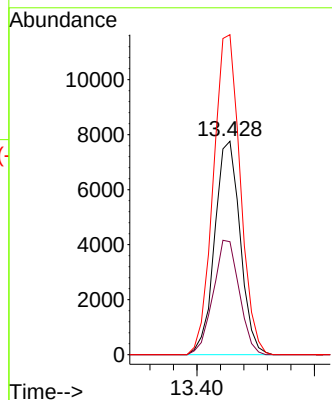
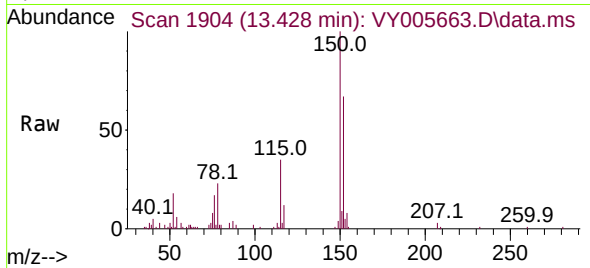




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005663.D
 Acq: 16 Aug 2021 12:26

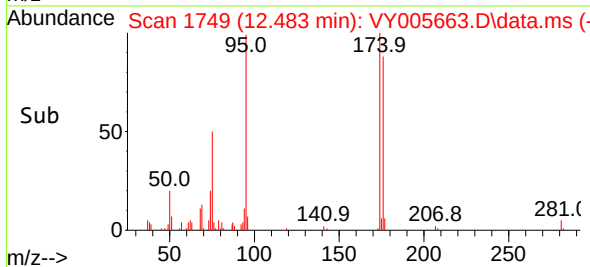
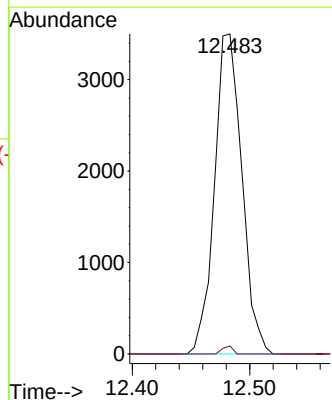
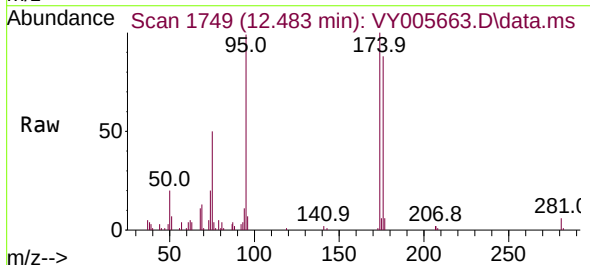
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6FTRE

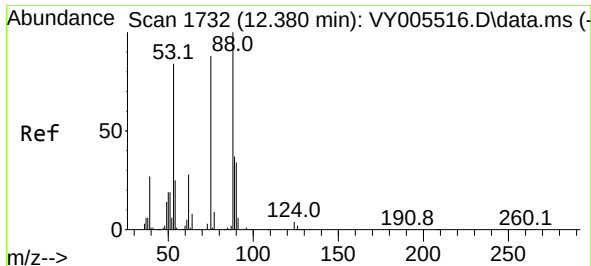
Tgt Ion:152 Resp: 11689
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.3 81.9
 150 157.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.833 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005663.D
 Acq: 16 Aug 2021 12:26

Tgt Ion: 75 Resp: 5673
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

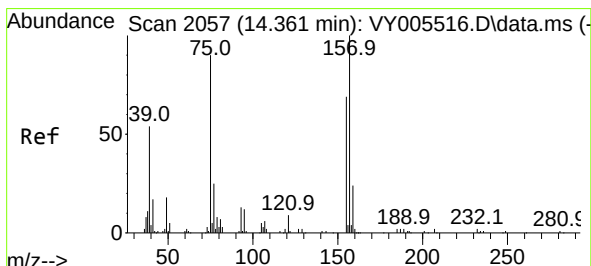
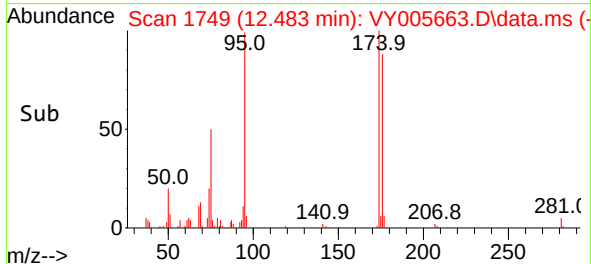
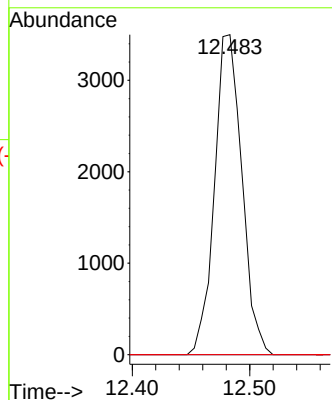
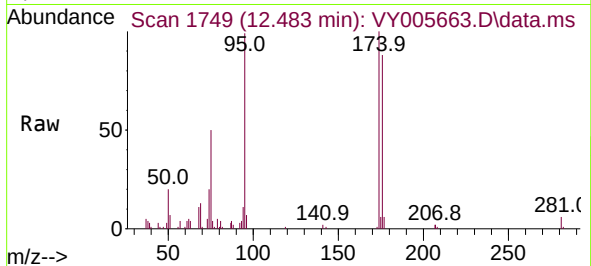




#81
trans-1,4-Dichloro-2-butene
Concen: 94.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FTRE

Tgt Ion: 75 Resp: 5673
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.378 ug/l
RT: 14.458 min Scan# 2073
Delta R.T. 0.097 min
Lab File: VY005663.D
Acq: 16 Aug 2021 12:26

Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
155 0.0 42.4 127.1#
157 0.0 56.0 168.2#

