

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006148.D
 Acq On : 24 Sep 2021 19:01
 Operator : SY/MD
 Sample : M3927-21
 Misc : 6.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-05

Quant Time: Sep 25 05:47:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

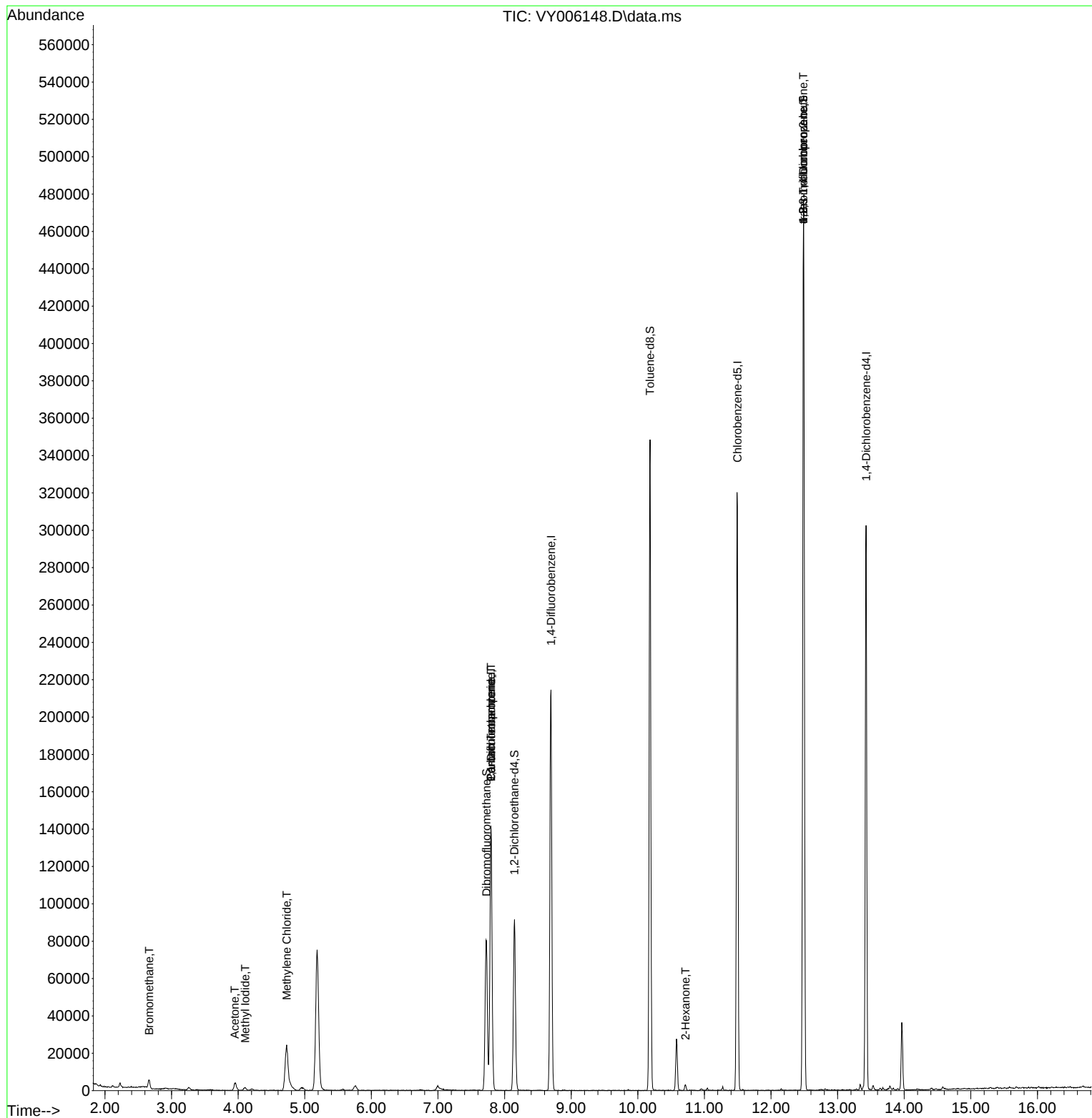
Internal Standards						
1) Pentafluorobenzene	7.795	168	109439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	165907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74831	49.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.460%
35) Dibromofluoromethane	7.728	113	54178	49.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.185	98	221469	47.105	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.483	95	69345	43.442	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.880%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	2915	2.768	ug/l	84
10) Methyl Iodide	4.107	142	2223	1.988	ug/l #	90
11) Tert butyl alcohol	4.948	59	1341	Below Cal	#	92
16) Acetone	3.948	43	6743	16.172	ug/l	96
20) Methylene Chloride	4.729	84	17015	9.295	ug/l	87
36) 1,1-Dichloropropene	7.795	75	8102	4.226	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10526	5.044	ug/l #	15
59) 2-Hexanone	10.715	43	1211	1.334	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	42322	51.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42322	94.499	ug/l #	8

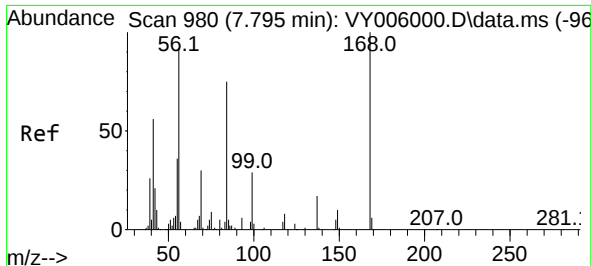
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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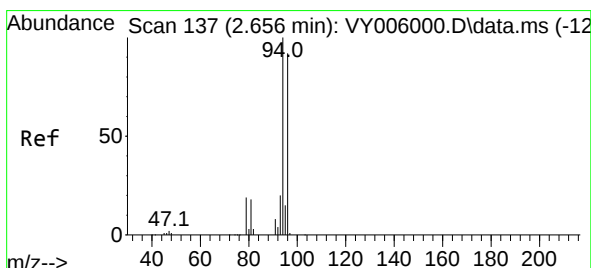
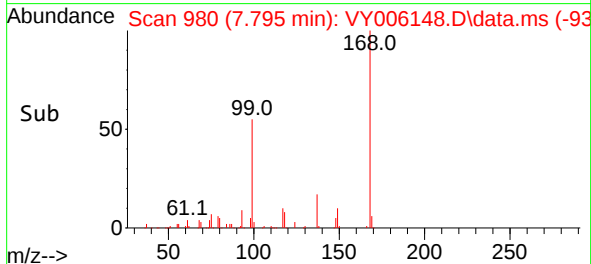
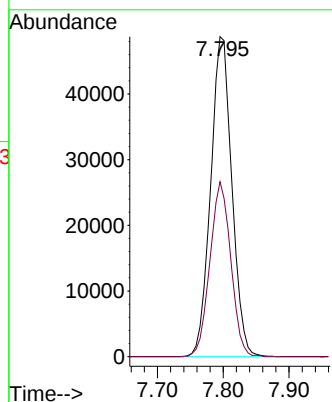
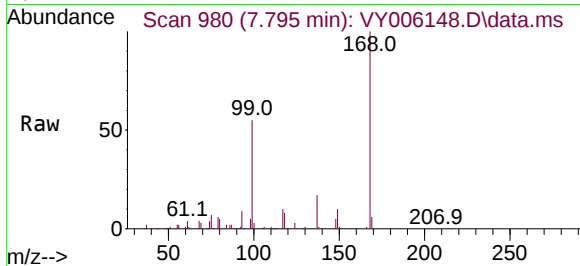




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

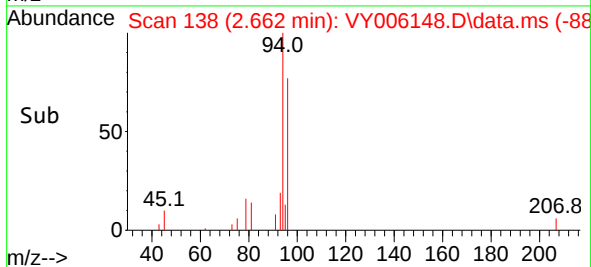
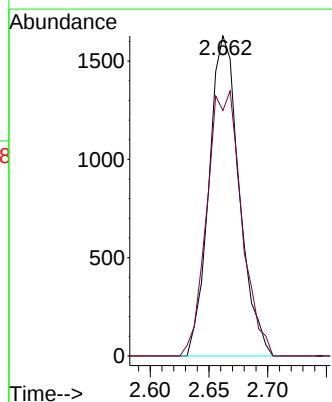
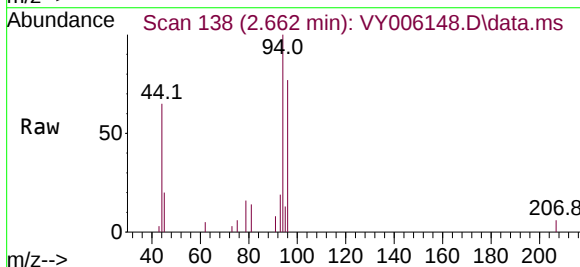
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-05

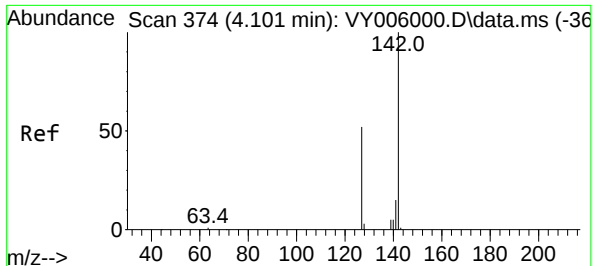
Tgt Ion:168 Resp: 109439
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#5
Bromomethane
Concen: 2.768 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

Tgt Ion: 94 Resp: 2915
Ion Ratio Lower Upper
94 100
96 76.7 73.5 110.3





#10

Methyl Iodide

Concen: 1.988 ug/l

RT: 4.107 min Scan# 375

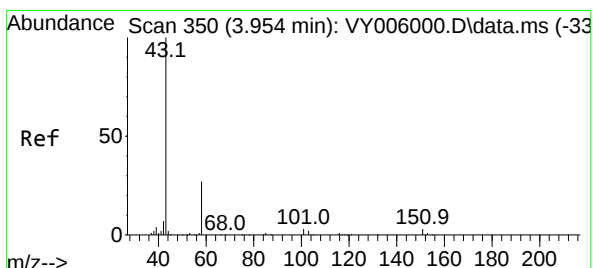
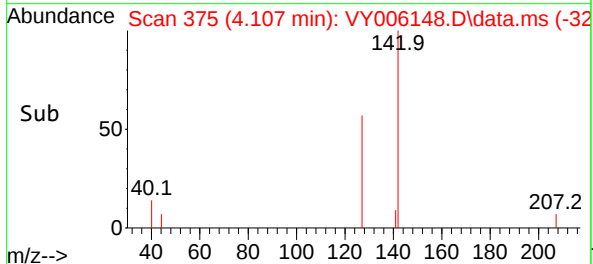
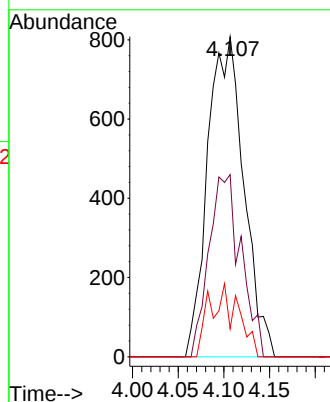
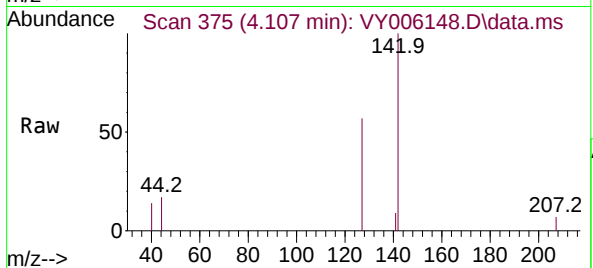
Delta R.T. 0.006 min

Lab File: VY006148.D

Acq: 24 Sep 2021 19:01

Tgt Ion:	142	Resp:	2223
Ion	Ratio	Lower	Upper
142	100		
127	50.5	41.5	62.3
141	0.0	11.9	17.9#

Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-05



#16

Acetone

Concen: 16.172 ug/l

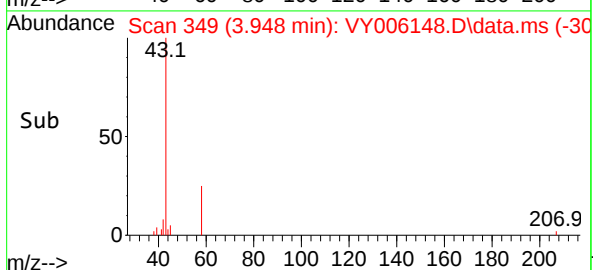
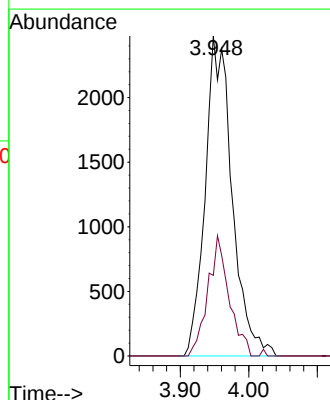
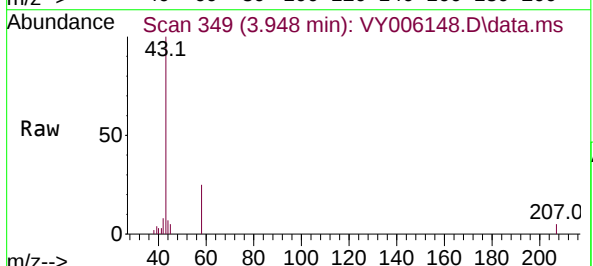
RT: 3.948 min Scan# 349

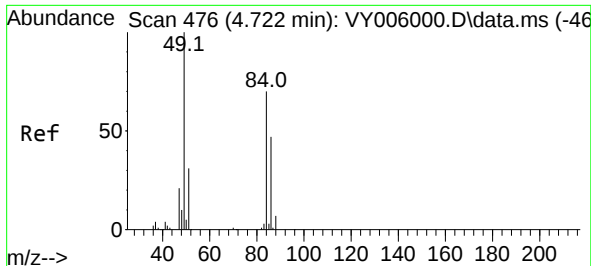
Delta R.T. -0.006 min

Lab File: VY006148.D

Acq: 24 Sep 2021 19:01

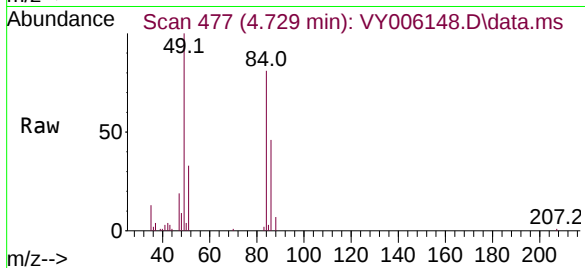
Tgt Ion:	43	Resp:	6743
Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.0	33.0



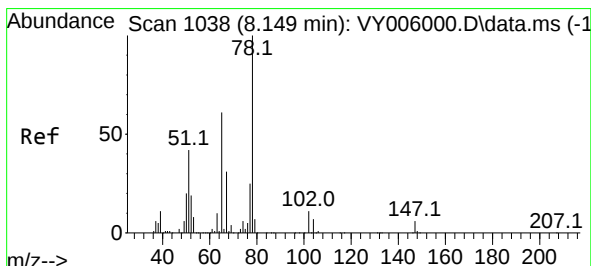
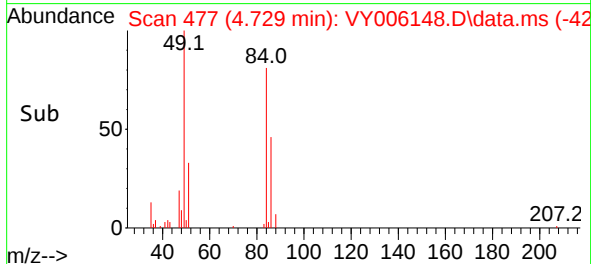
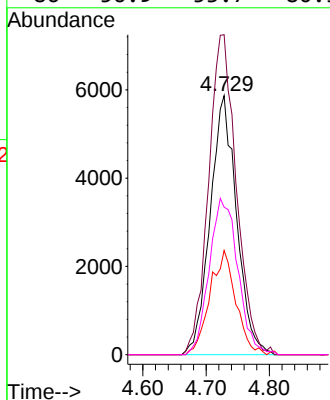


#20
Methylene Chloride
Concen: 9.295 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

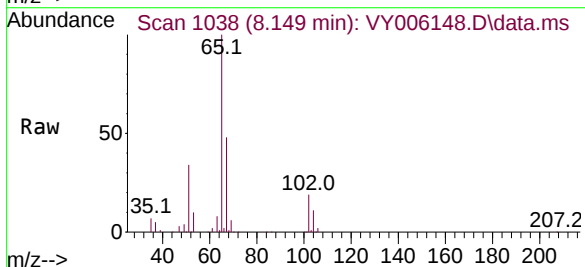
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-05



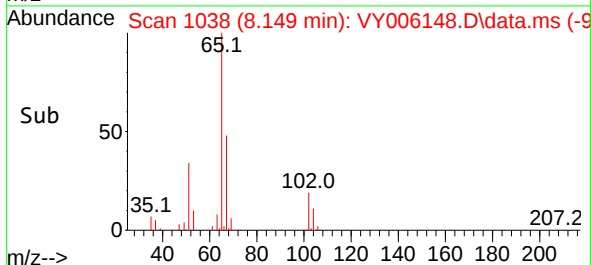
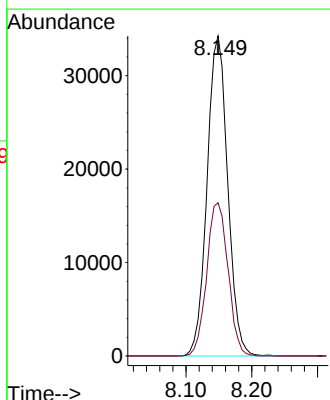
Tgt Ion:	84	Resp:	17015
Ion	Ratio	Lower	Upper
84	100		
49	123.5	114.4	171.6
51	40.2	35.3	52.9
86	56.9	53.7	80.5

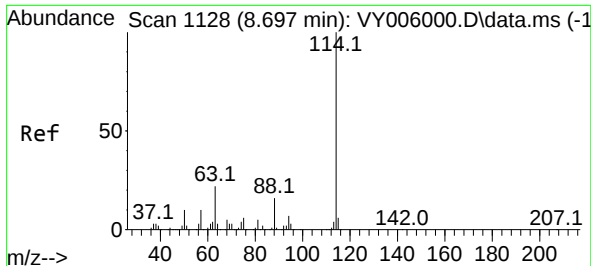


#33
1,2-Dichloroethane-d4
Concen: 49.225 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01



Tgt Ion:	65	Resp:	74831
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.4

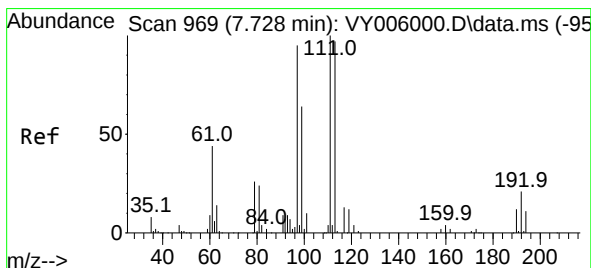
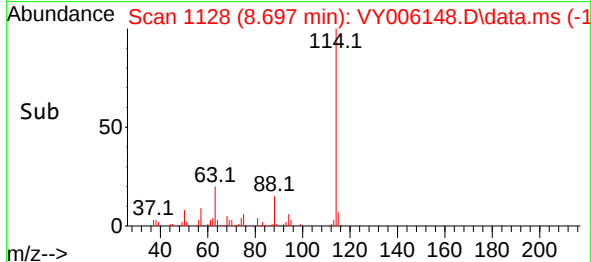
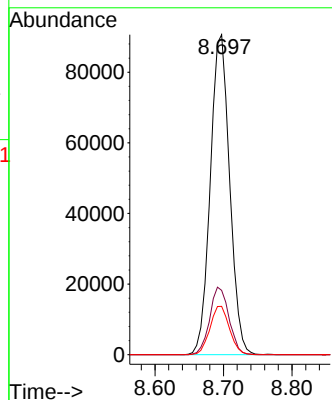
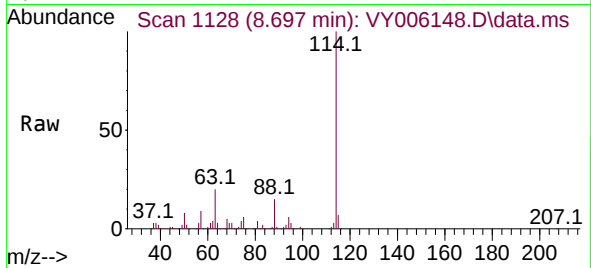




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

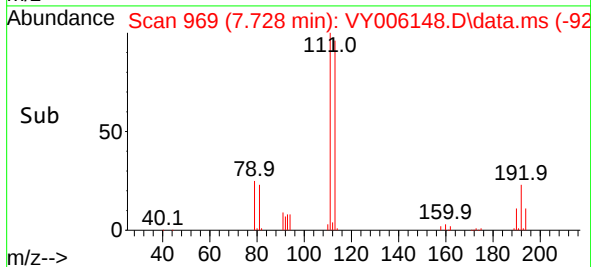
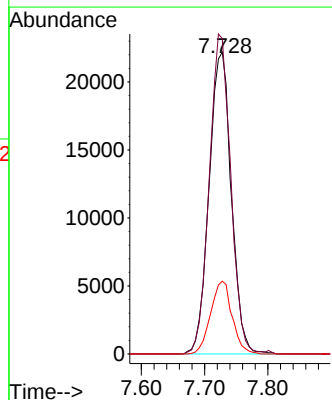
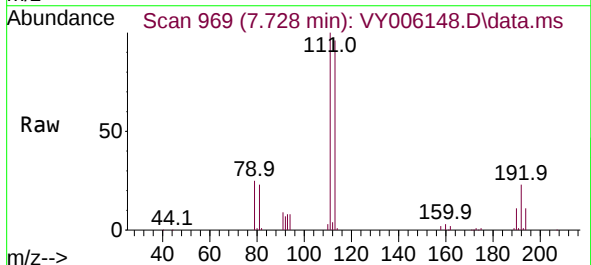
Instrument :
MSVOA_Y
ClientSampleId :
WOOSPK-BACKFILL-05

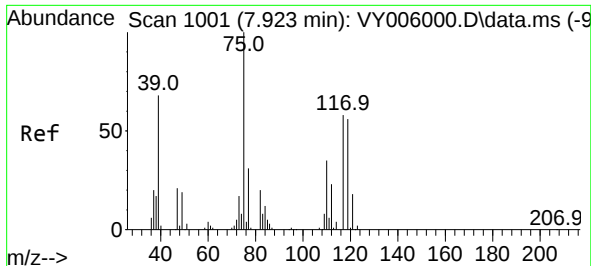
Tgt Ion:	114	Resp:	177604
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.113 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

Tgt Ion:	113	Resp:	54178
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.6	124.0
192	23.3	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.226 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006148.D

Acq: 24 Sep 2021 19:01

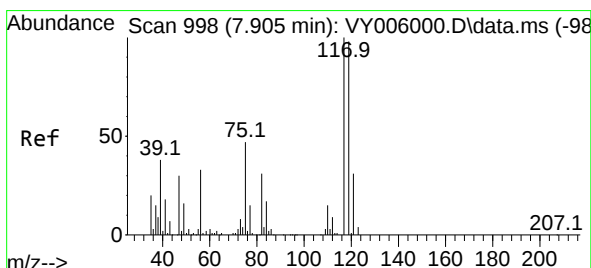
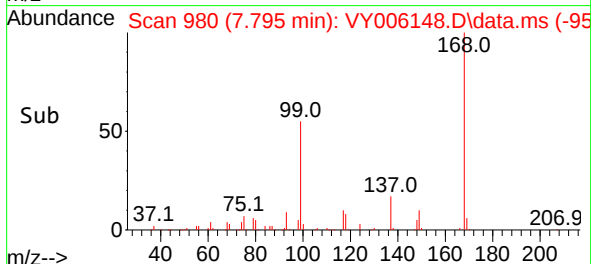
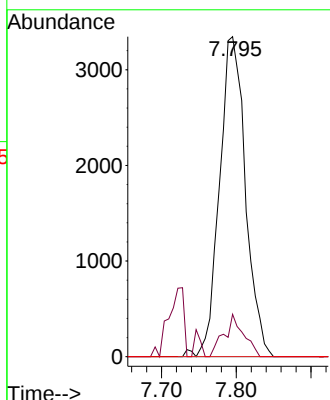
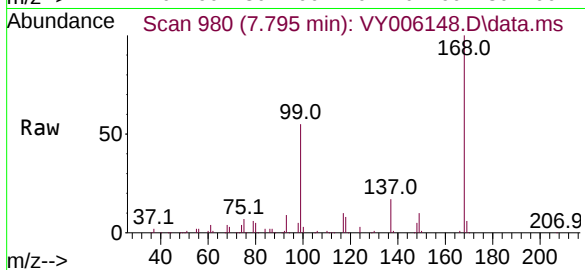
Instrument :

MSVOA_Y

ClientSampleId :

WOOSPK-BACKFILL-05

Tgt Ion:	75	Resp:	8102
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.044 ug/l

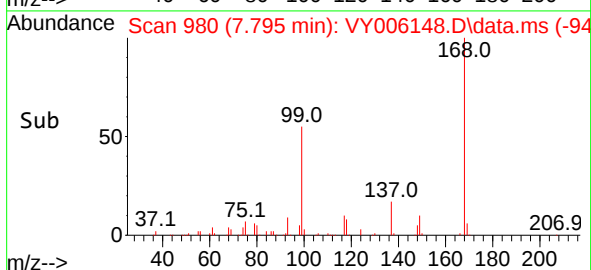
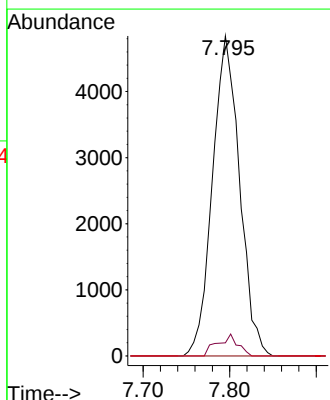
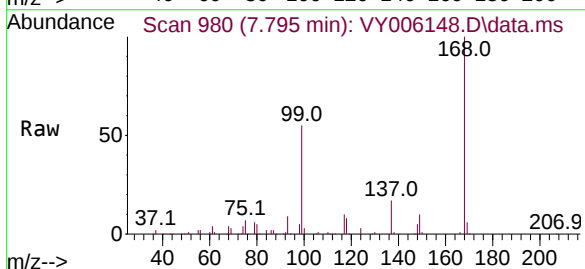
RT: 7.795 min Scan# 980

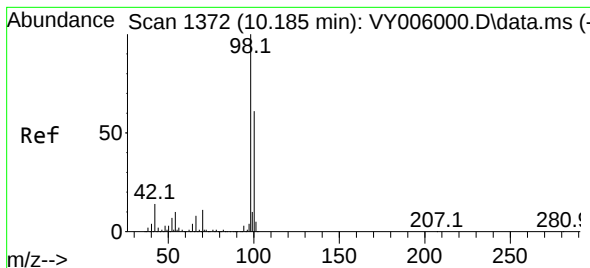
Delta R.T. -0.110 min

Lab File: VY006148.D

Acq: 24 Sep 2021 19:01

Tgt Ion:	117	Resp:	10526
Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.9	116.9#
121	0.0	24.8	37.2#

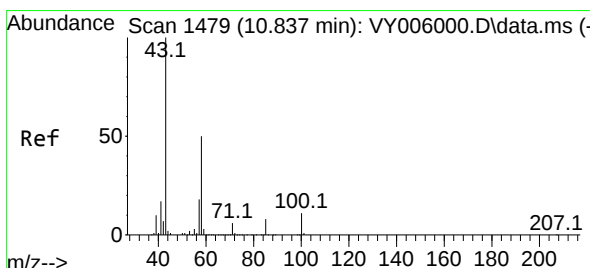
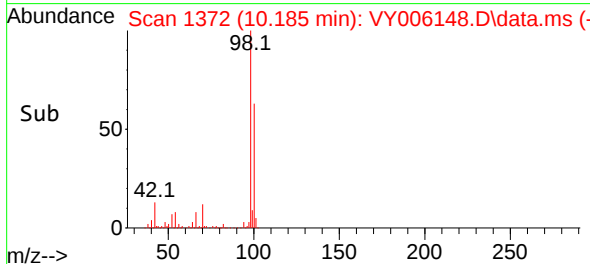
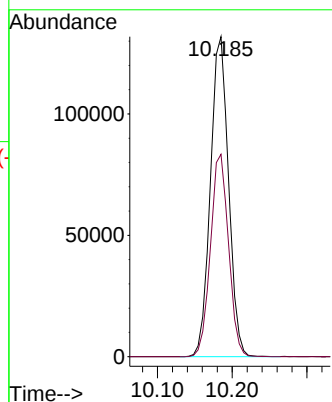
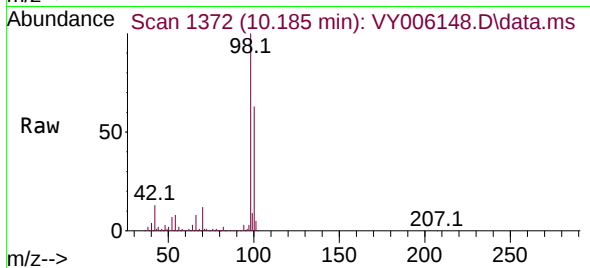




#50
Toluene-d8
Concen: 47.105 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

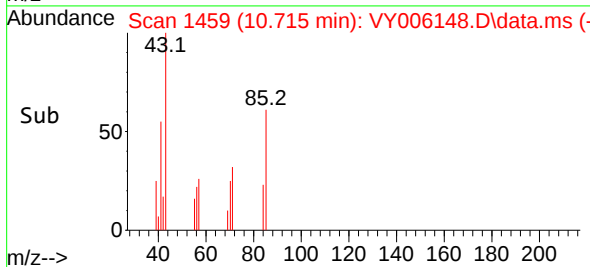
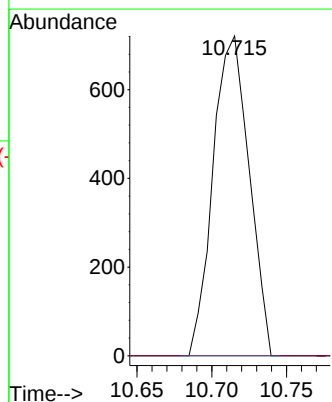
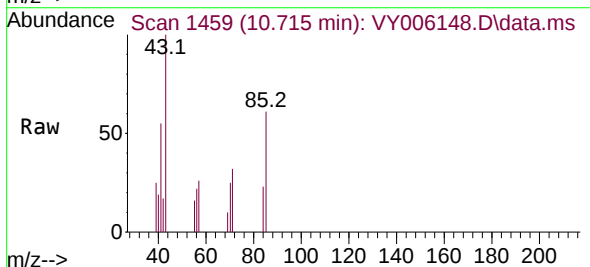
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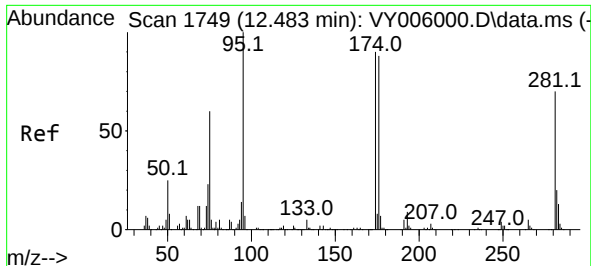
Tgt Ion: 98 Resp: 221469
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#59
2-Hexanone
Concen: 1.334 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

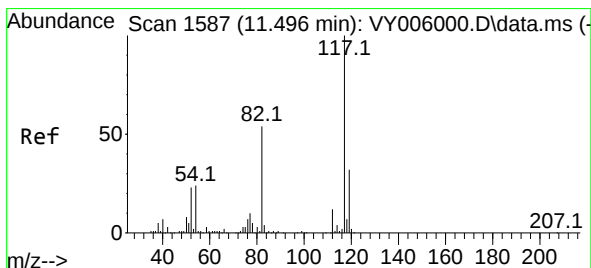
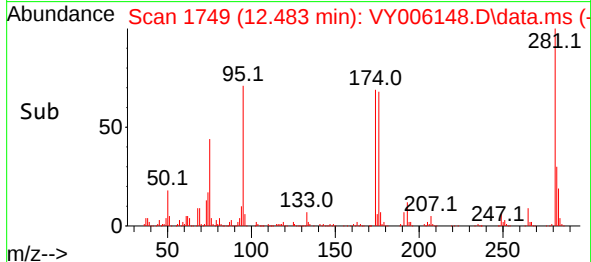
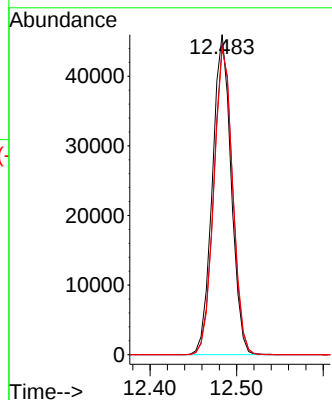
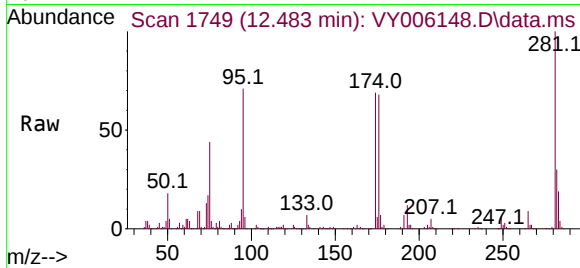




#62
4-Bromofluorobenzene
Concen: 43.442 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

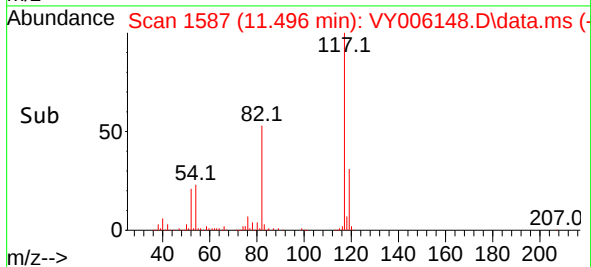
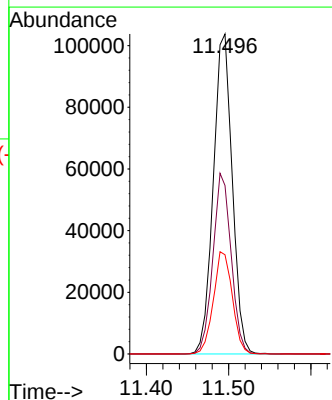
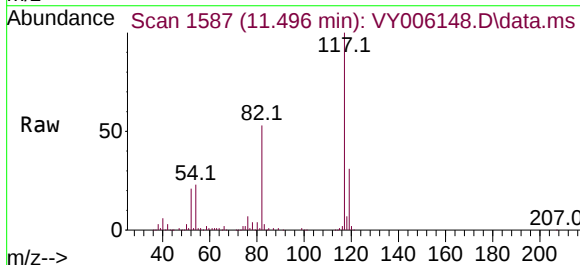
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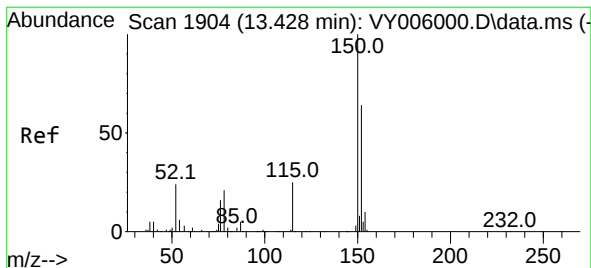
Tgt Ion:	95	Resp:	69345
Ion Ratio	Lower	Upper	
95	100		
174	96.4	0.0	177.0
176	95.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006148.D
Acq: 24 Sep 2021 19:01

Tgt Ion:	117	Resp:	165907
Ion Ratio	Lower	Upper	
117	100		
82	52.7	43.0	64.4
119	31.0	25.4	38.0

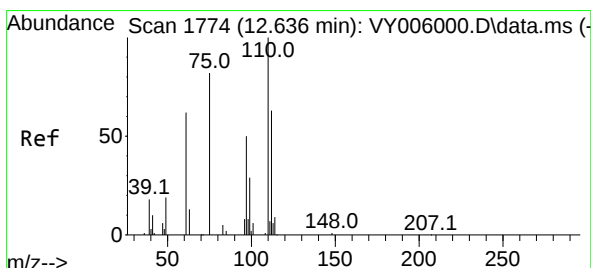
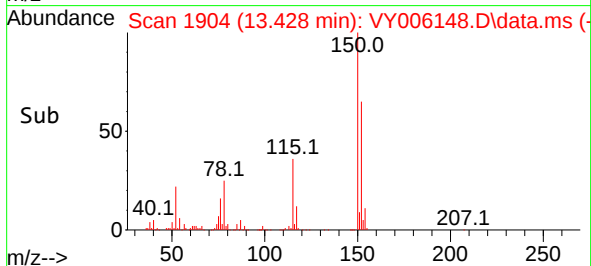
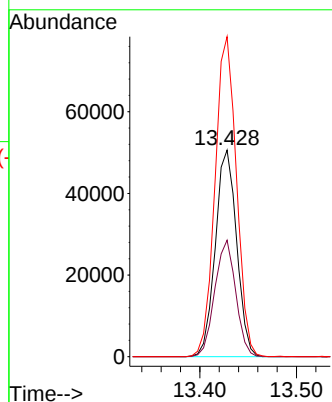
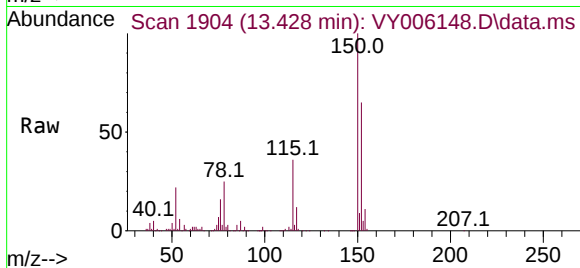




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006148.D
 Acq: 24 Sep 2021 19:01

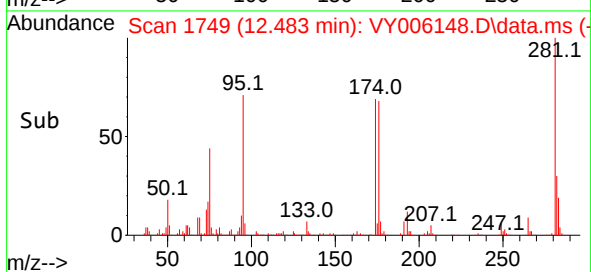
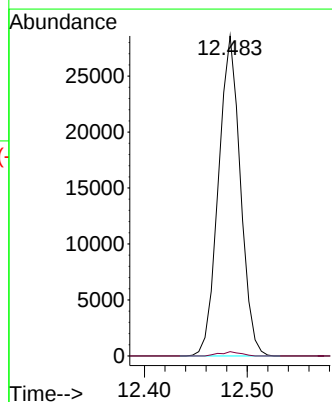
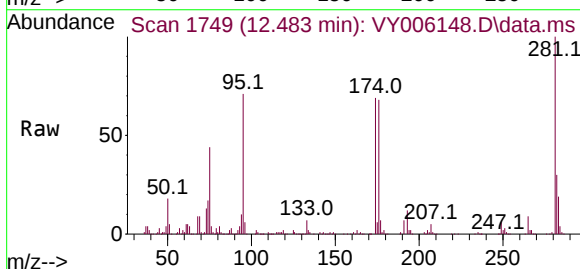
Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-05

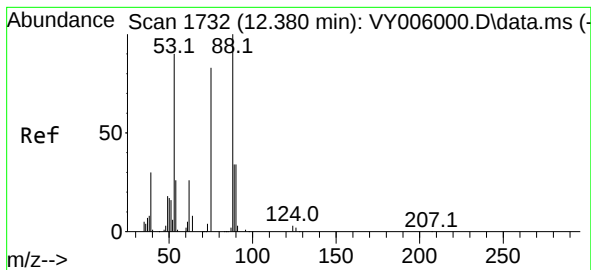
Tgt Ion:152 Resp: 77227
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.400 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006148.D
 Acq: 24 Sep 2021 19:01

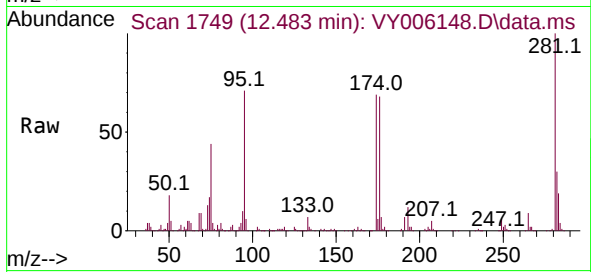
Tgt Ion: 75 Resp: 42322
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.499 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006148.D
 Acq: 24 Sep 2021 19:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 WOOSPK-BACKFILL-05



Tgt Ion: 75 Resp: 42322
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.4 37.0 55.4#

