

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006209.D
 Acq On : 29 Sep 2021 13:46
 Operator : SY/MD
 Sample : M3971-01RE
 Misc : 2.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:00:31 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	82154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	133851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	123719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53198	60.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.000%
35) Dibromofluoromethane	7.728	113	40124	56.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.185	98	165819	55.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.800%
62) 4-Bromofluorobenzene	12.483	95	54176	53.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.580%

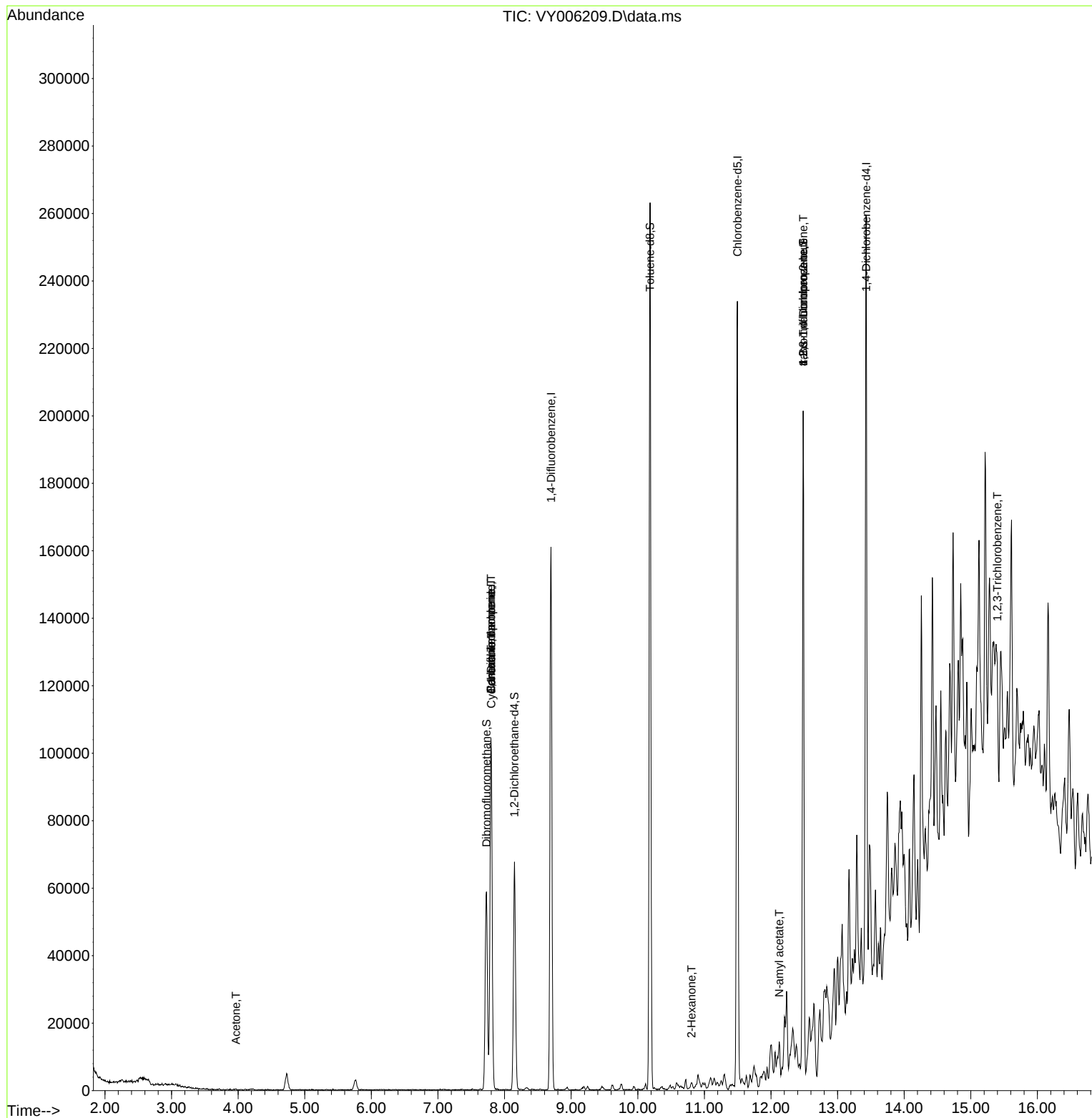
Target Compounds					Qvalue	
16) Acetone	3.967	43	488	1.987	ug/l #	47
20) Methylene Chloride	4.729	84	3055	Below Cal		86
31) Cyclohexane	7.801	56	1960	1.177	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	6347	4.766	ug/l #	49
38) Carbon Tetrachloride	7.795	117	8058	5.730	ug/l #	15
59) 2-Hexanone	10.807	43	1042	1.894	ug/l #	28
74) N-amyl acetate	12.124	43	3217	2.561	ug/l #	60
76) 1,2,3-Trichloropropane	12.483	75	29558	53.824	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29558	105.772	ug/l #	8
96) 1,2,3-Trichlorobenzene	15.397	180	1091	1.133	ug/l #	1

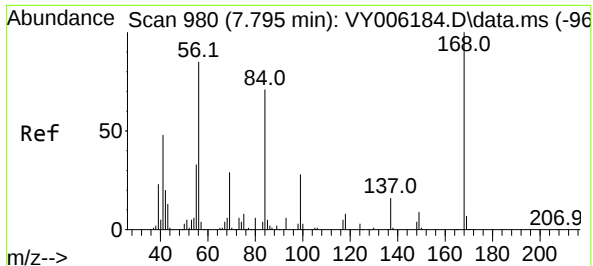
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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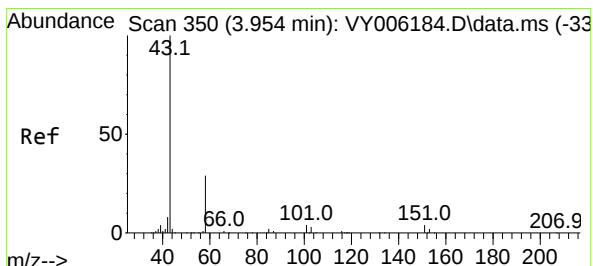
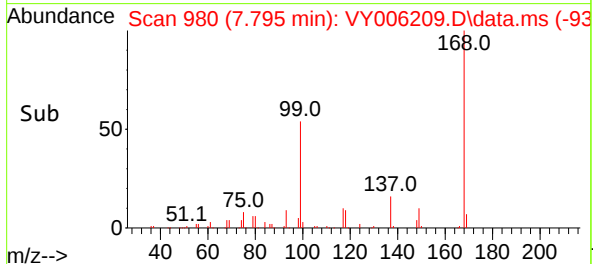
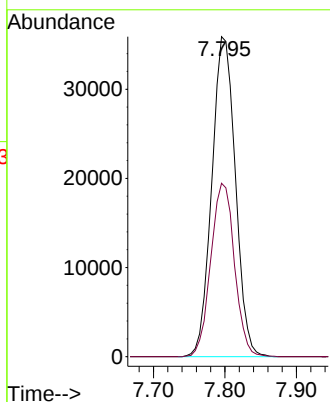
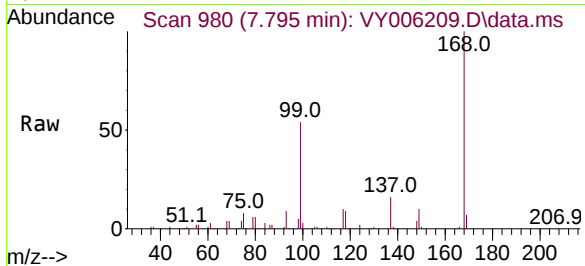




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

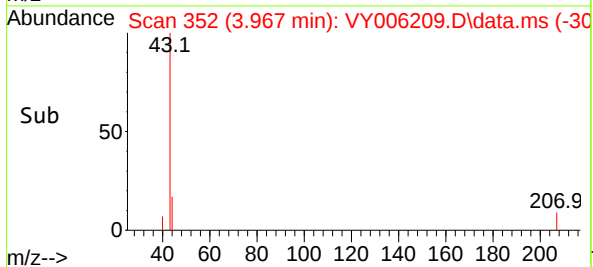
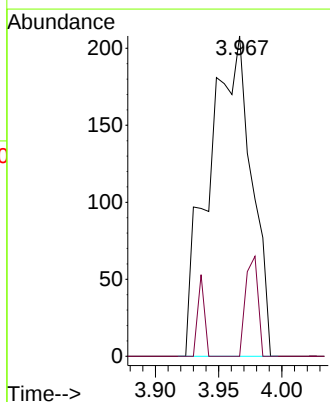
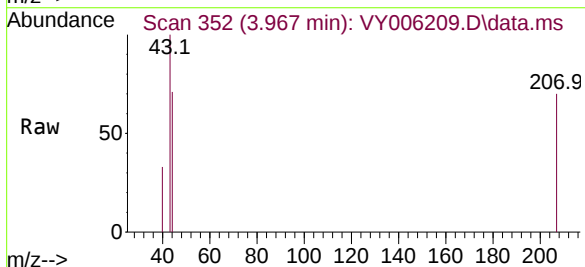
Instrument :
MSVOA_Y
ClientSampleId :

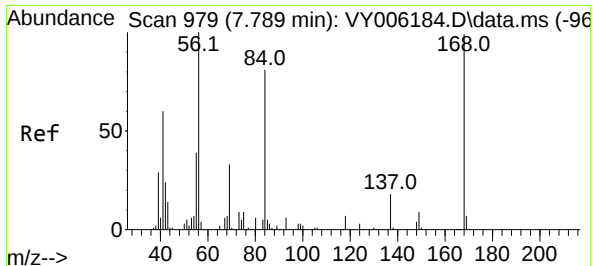
Tgt Ion:168 Resp: 82154
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#16
Acetone
Concen: 1.987 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

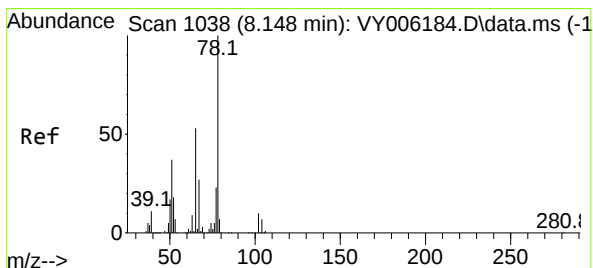
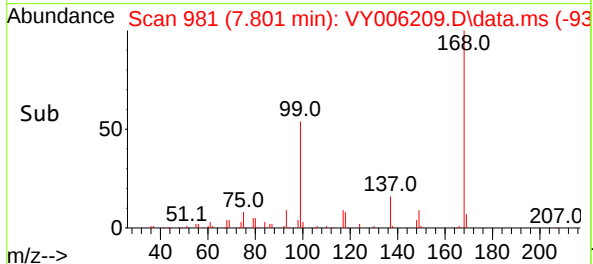
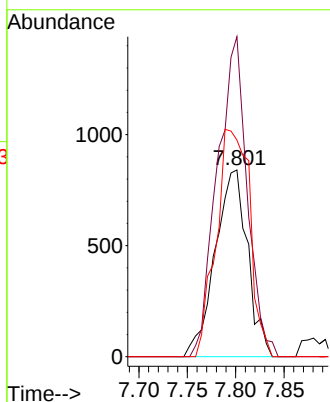
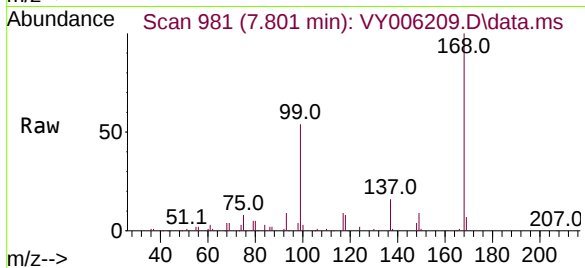




#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

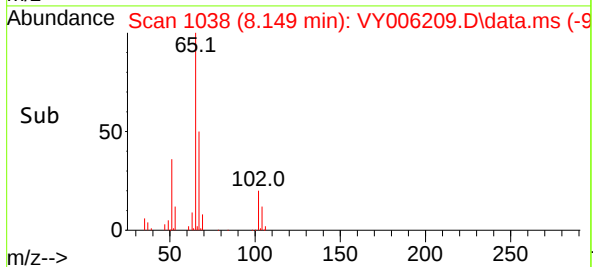
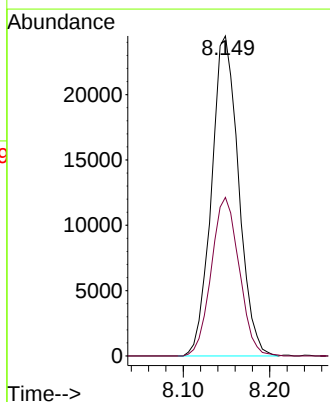
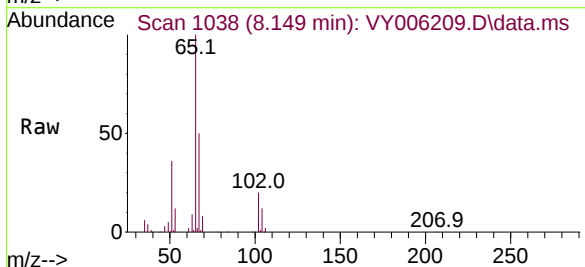
Instrument :
MSVOA_Y
ClientSampleId :

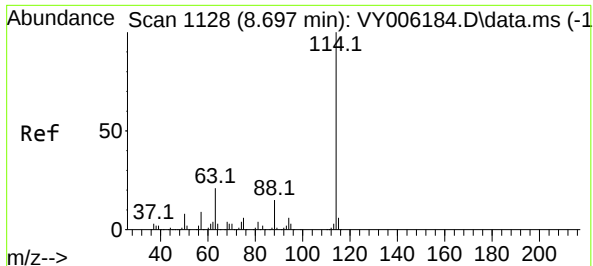
Tgt Ion: 56 Resp: 1960
Ion Ratio Lower Upper
56 100
69 171.3 26.7 40.1#
84 116.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.501 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

Tgt Ion: 65 Resp: 53198
Ion Ratio Lower Upper
65 100
67 50.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

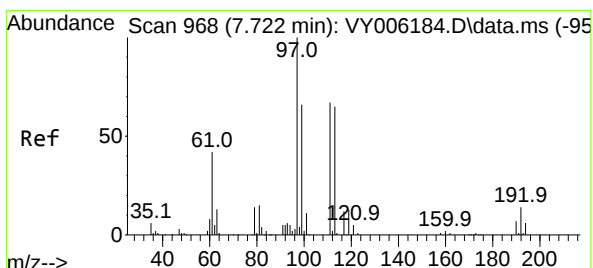
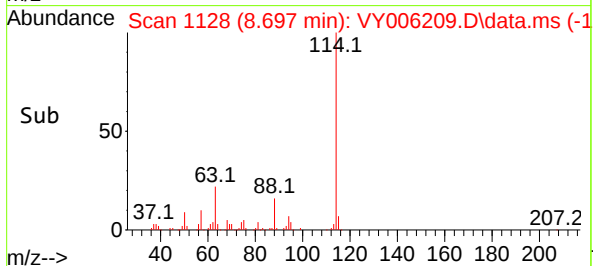
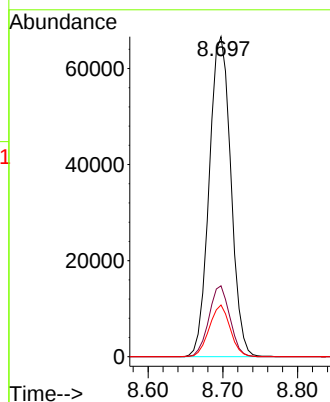
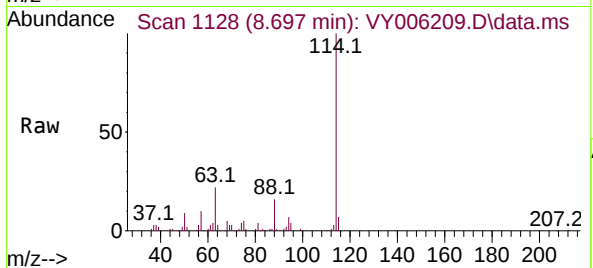
Delta R.T. 0.000 min

Lab File: VY006209.D

Acq: 29 Sep 2021 13:46

Tgt Ion:	114	Resp:	133851
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	16.1	0.0	31.8

Instrument :
MSVOA_Y
ClientSampled :



#35

Dibromofluoromethane

Concen: 56.109 ug/l

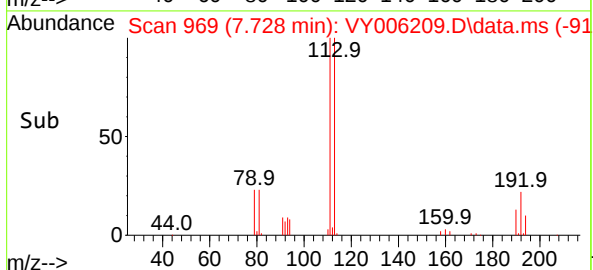
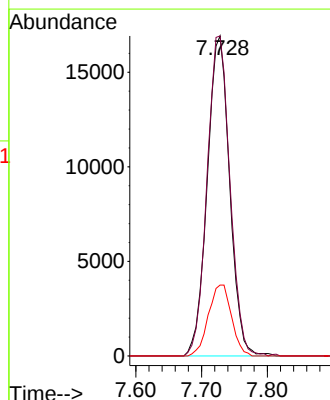
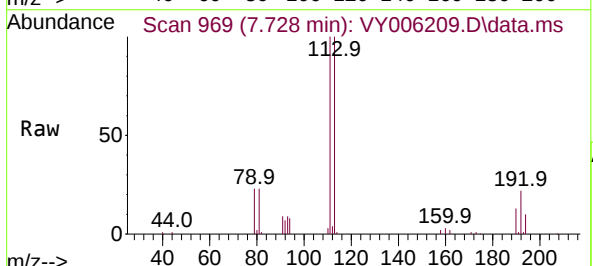
RT: 7.728 min Scan# 969

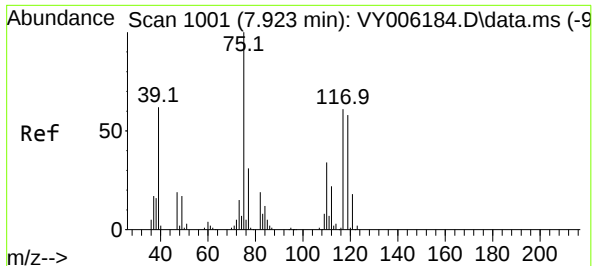
Delta R.T. 0.006 min

Lab File: VY006209.D

Acq: 29 Sep 2021 13:46

Tgt Ion:	113	Resp:	40124
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	22.8	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.766 ug/l

RT: 7.795 min Scan# 980

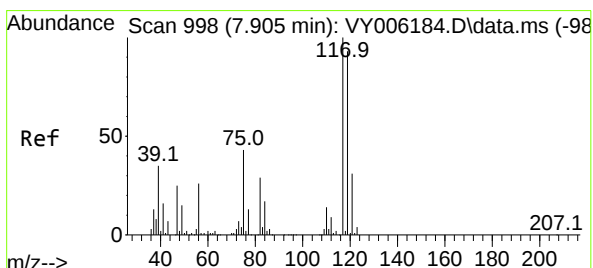
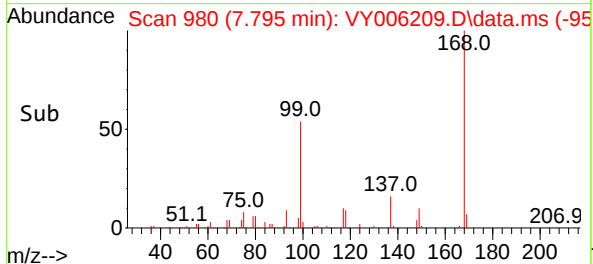
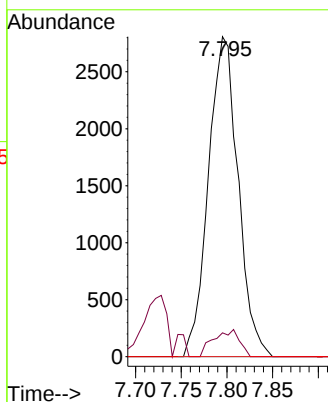
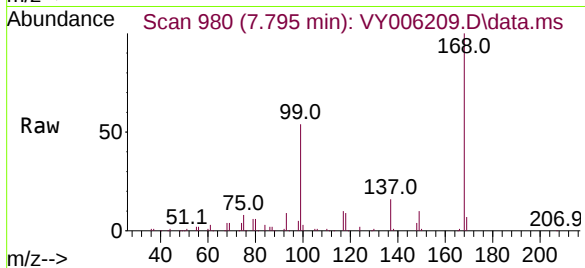
Delta R.T. -0.128 min

Lab File: VY006209.D

Acq: 29 Sep 2021 13:46

Tgt Ion: 75	Resp: 6347
Ion Ratio	Lower Upper
75 100	
110 7.4	17.1 51.2#
77 0.0	24.4 36.6#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.730 ug/l

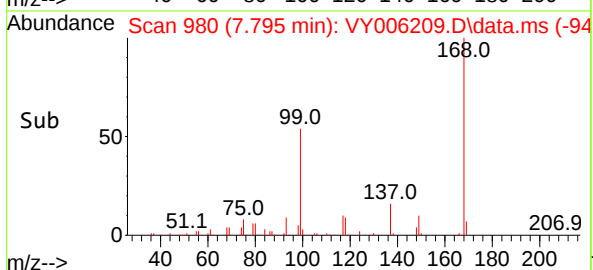
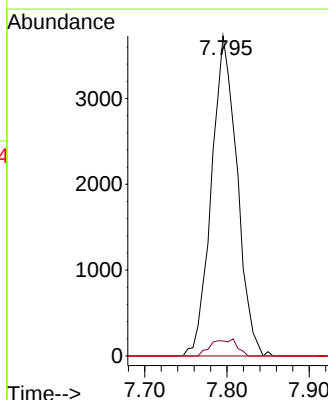
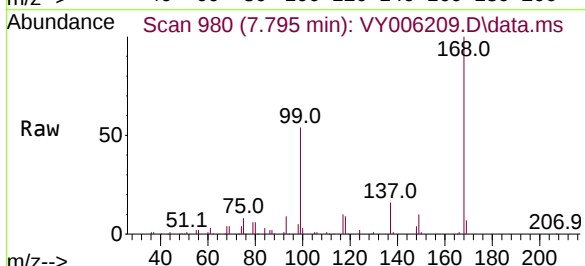
RT: 7.795 min Scan# 980

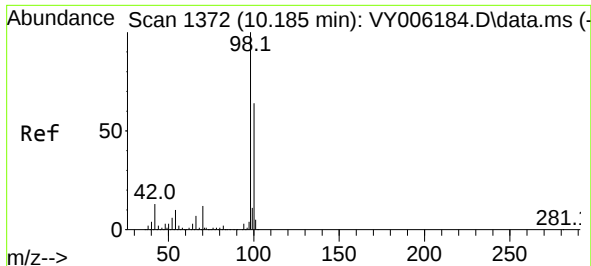
Delta R.T. -0.110 min

Lab File: VY006209.D

Acq: 29 Sep 2021 13:46

Tgt Ion: 117	Resp: 8058
Ion Ratio	Lower Upper
117 100	
119 4.7	77.9 116.9#
121 0.0	24.8 37.2#

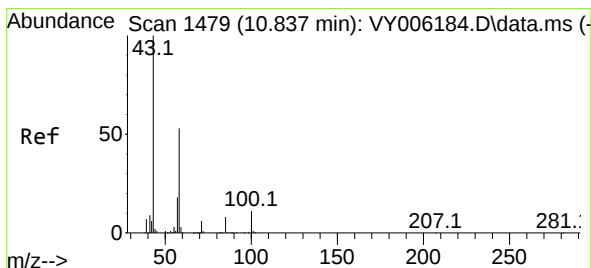
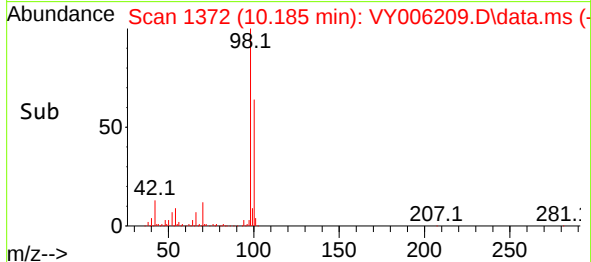
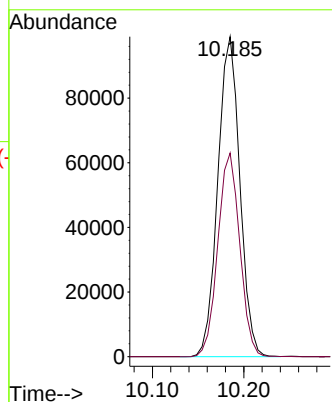
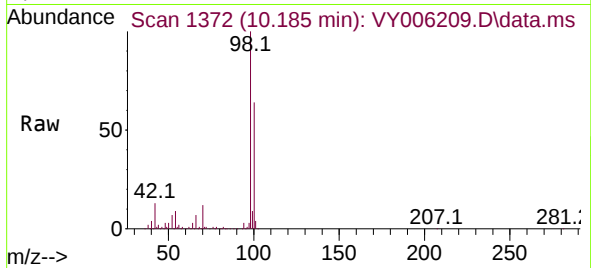




#50
Toluene-d8
Concen: 55.405 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

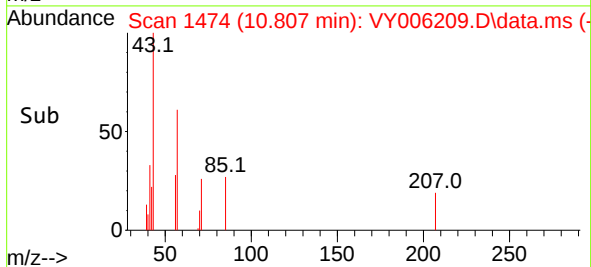
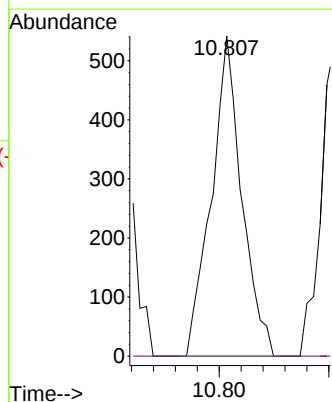
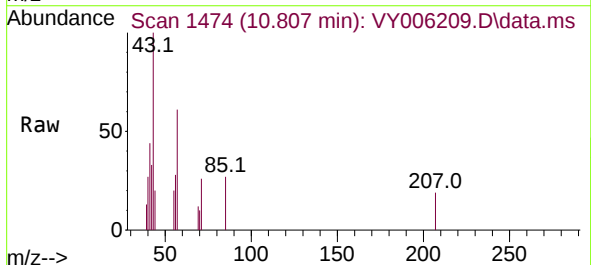
Instrument :
MSVOA_Y
ClientSampled :

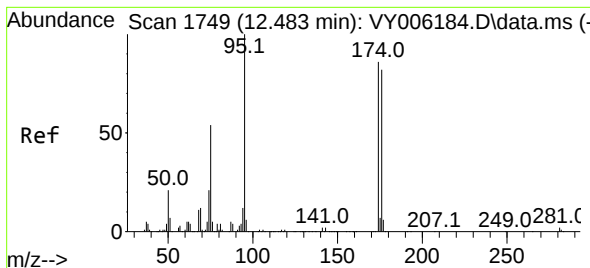
Tgt Ion: 98 Resp: 165819
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#59
2-Hexanone
Concen: 1.894 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

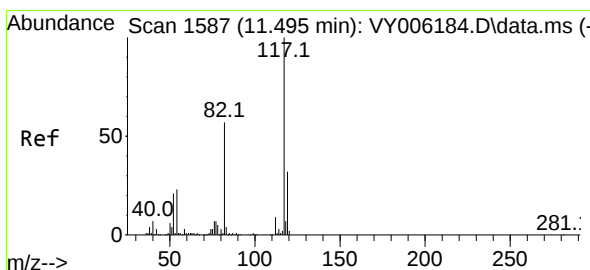
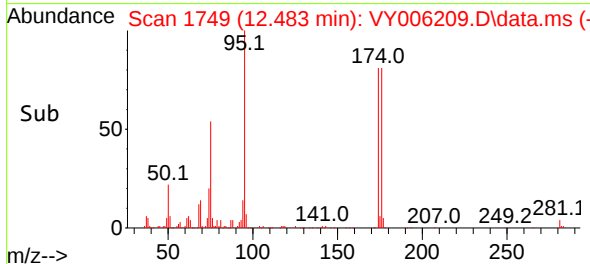
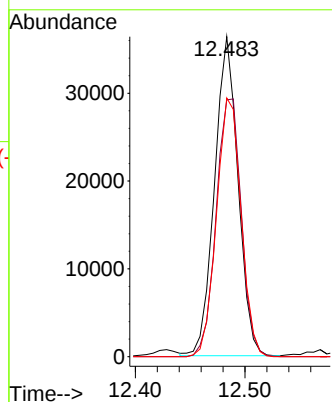
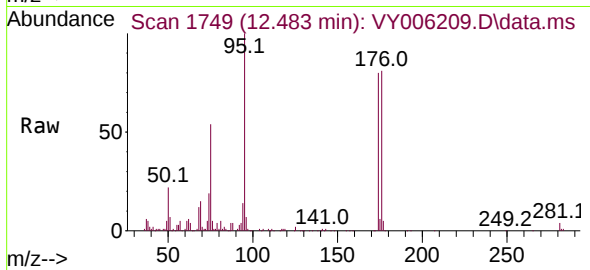




#62
4-Bromofluorobenzene
Concen: 53.285 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

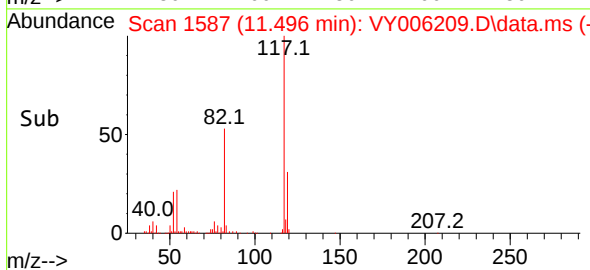
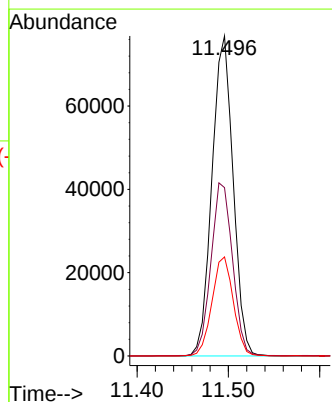
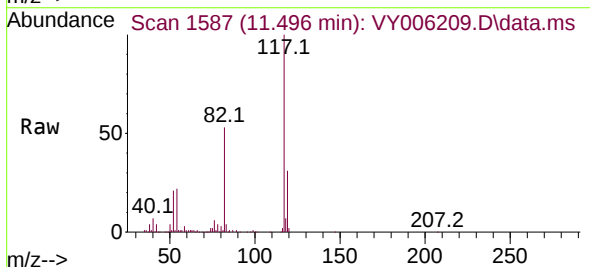
Instrument :
MSVOA_Y
ClientSampleId :

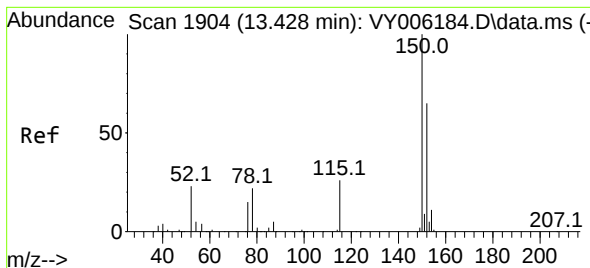
Tgt Ion:	95	Resp:	54176
Ion Ratio	Lower	Upper	
95	100		
174	86.5	0.0	177.0
176	84.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

Tgt Ion:	117	Resp:	123719
Ion Ratio	Lower	Upper	
117	100		
82	52.5	43.0	64.4
119	31.0	25.4	38.0

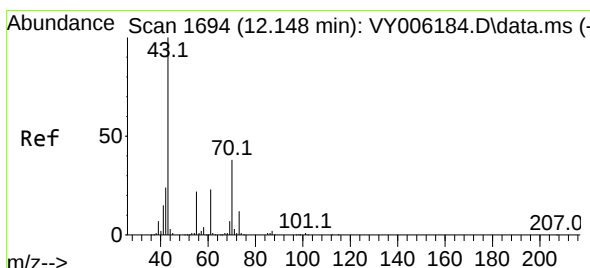
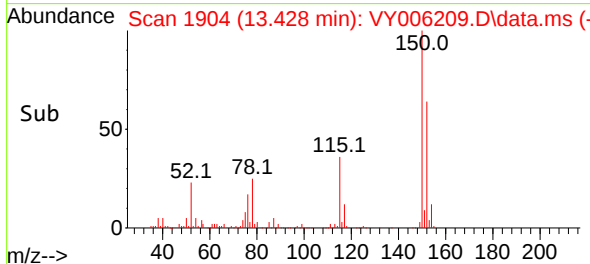
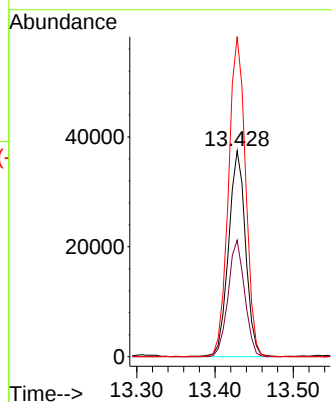
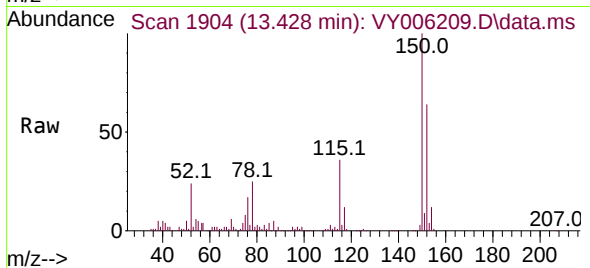




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

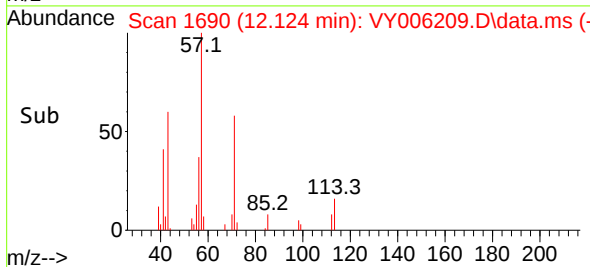
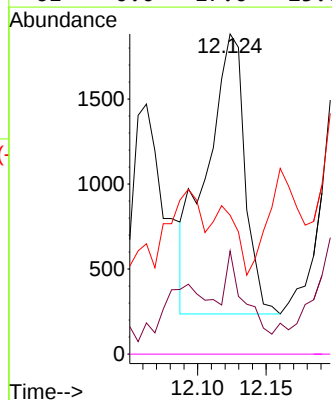
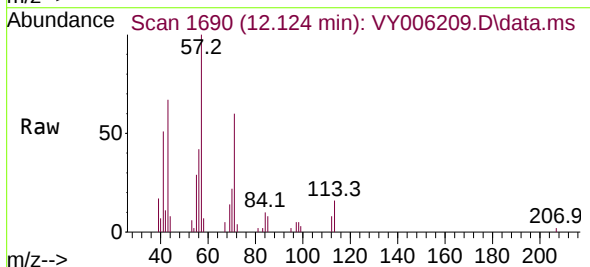
Instrument :
MSVOA_Y
ClientSampled :

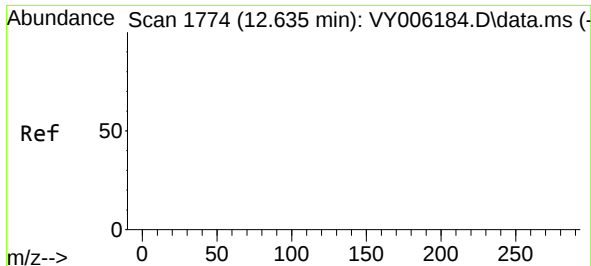
Tgt Ion:152 Resp: 56501
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.0 0.0 347.6



#74
N-ethyl acetate
Concen: 2.561 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

Tgt Ion: 43 Resp: 3217
Ion Ratio Lower Upper
43 100
70 16.6 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

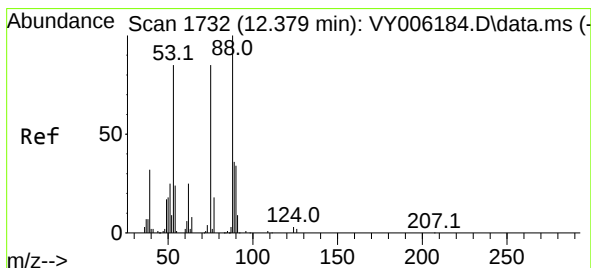
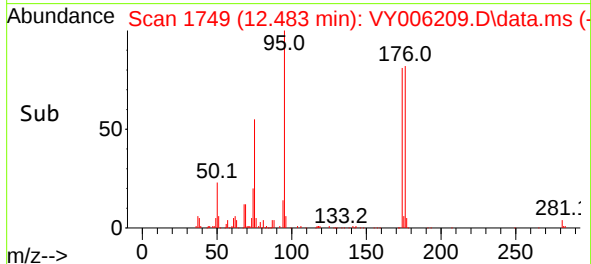
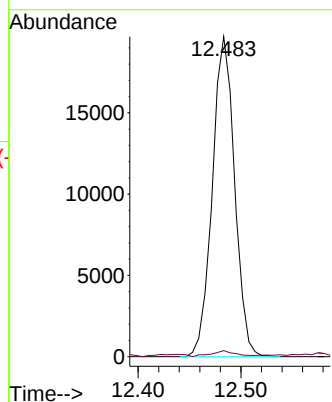
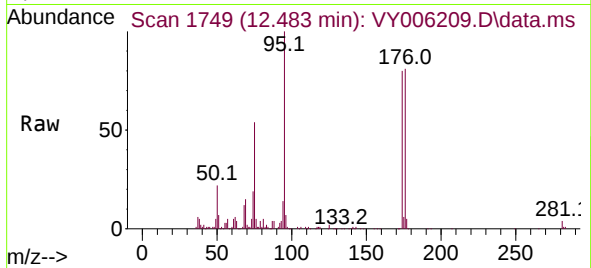




#76
1,2,3-Trichloropropane
Concen: 53.824 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

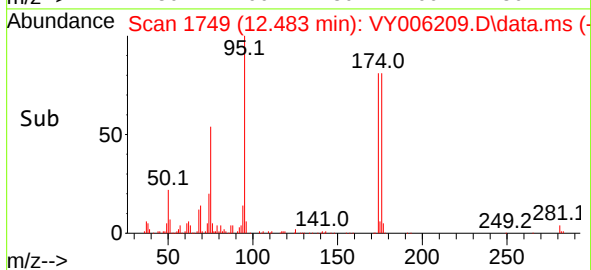
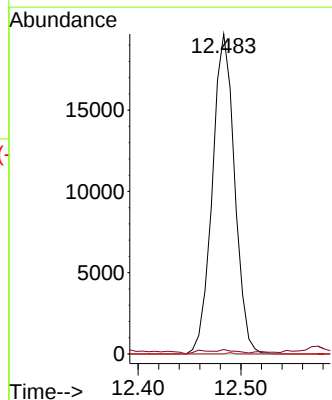
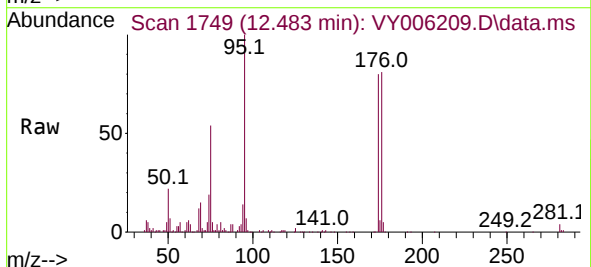
Instrument :
MSVOA_Y
ClientSampled :

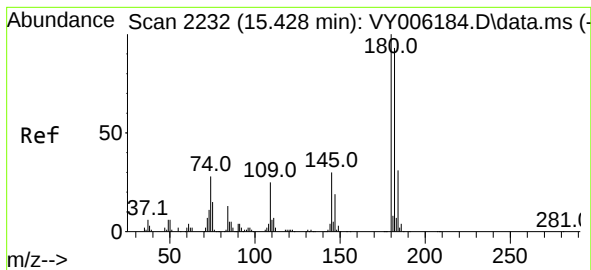
Tgt Ion: 75 Resp: 29558
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.772 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006209.D
Acq: 29 Sep 2021 13:46

Tgt Ion: 75 Resp: 29558
Ion Ratio Lower Upper
75 100
53 0.7 85.3 127.9#
89 0.1 37.0 55.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.133 ug/l
 RT: 15.397 min Scan# 2227
 Delta R.T. -0.030 min
 Lab File: VY006209.D
 Acq: 29 Sep 2021 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:180 Resp: 1091
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 116.8 15.3 45.9#

