

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010087.D
 Acq On : 18 Aug 2022 16:47
 Operator : KP/MD
 Sample : N4188-04RE
 Misc : 12.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S3RE

Quant Time: Aug 18 19:09:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

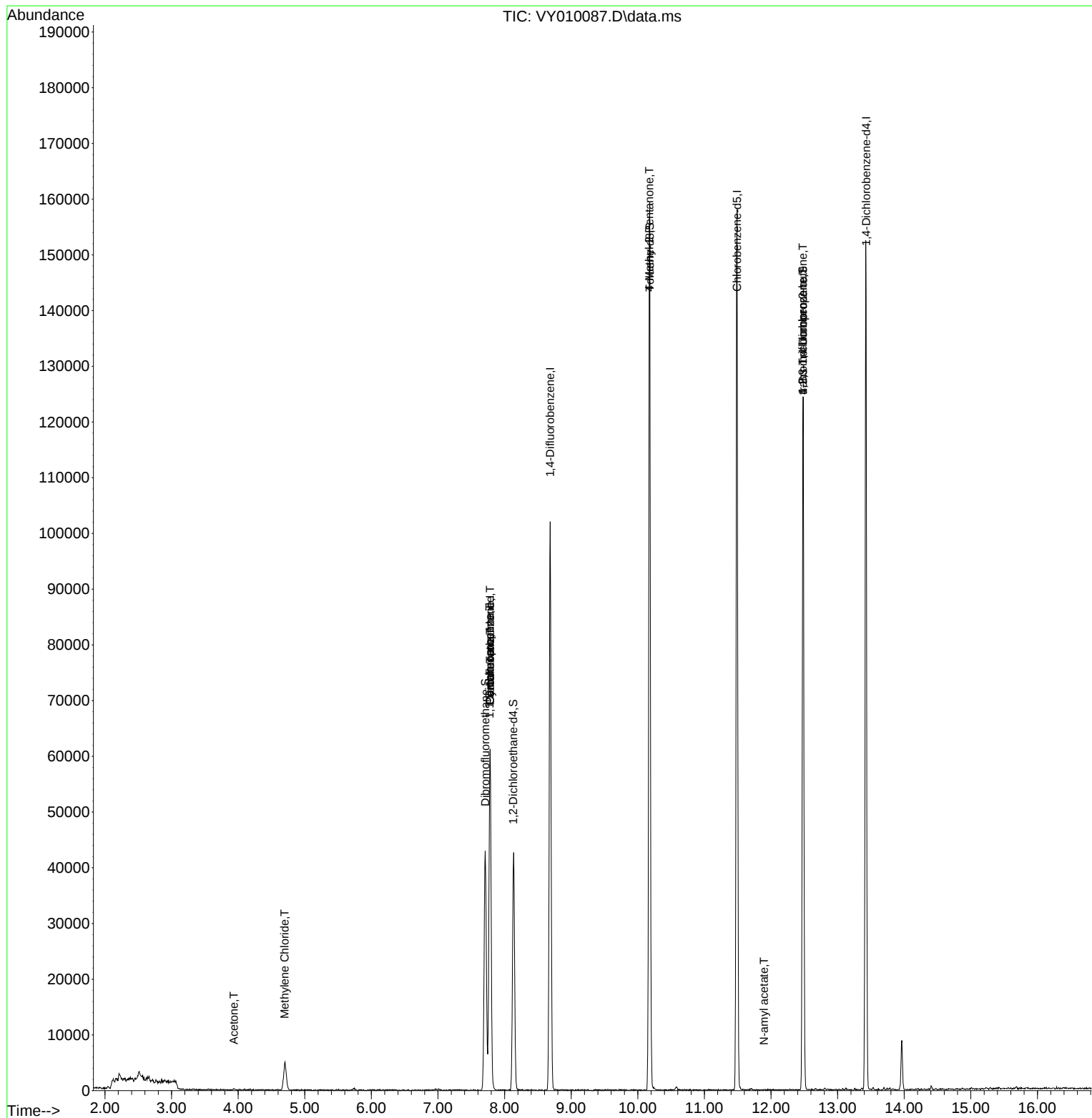
Internal Standards						
1) Pentafluorobenzene	7.783	168	48276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	31881	66.048	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.100%			
35) Dibromofluoromethane	7.710	113	30039	53.008	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.179	98	105647	50.390	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.477	95	34150	46.374	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.740%			
Target Compounds					Qvalue	
16) Acetone	3.936	43	263	2.544	ug/l #	48
20) Methylene Chloride	4.698	84	3726	4.739	ug/l #	91
31) Cyclohexane	7.783	56	987	1.447	ug/l #	12
36) 1,1-Dichloropropene	7.777	75	3332	4.221	ug/l #	50
38) Carbon Tetrachloride	7.783	117	4746	4.888	ug/l #	15
51) 4-Methyl-2-Pentanone	10.172	43	431	1.035	ug/l #	1
74) N-amyl acetate	11.892	43	21	4.710	ug/l #	44
76) 1,2,3-Trichloropropane	12.477	75	17349	46.740	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	17349	105.628	ug/l #	12

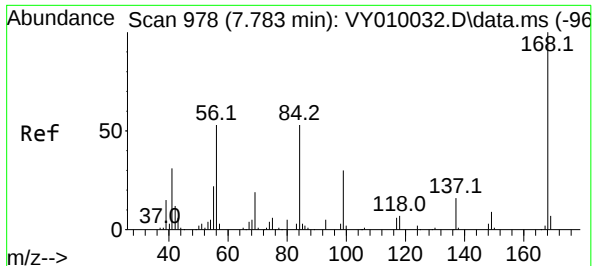
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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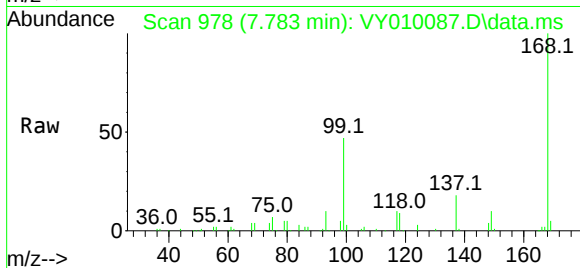
Quant Time: Aug 18 19:09:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
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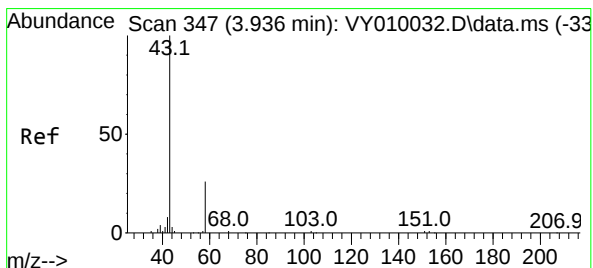
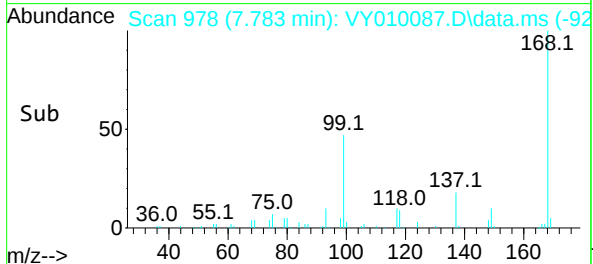
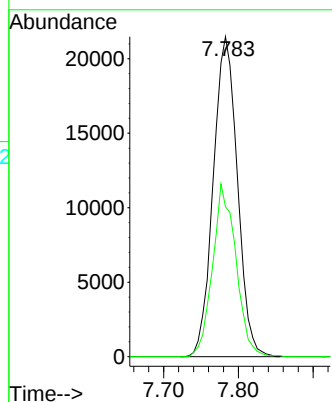


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
S3RE

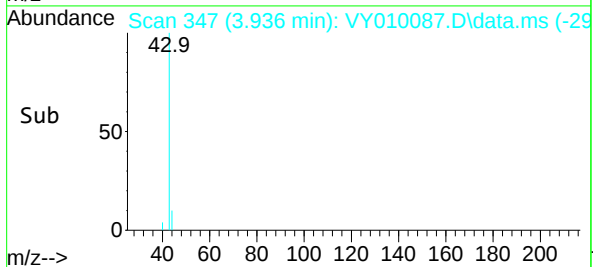
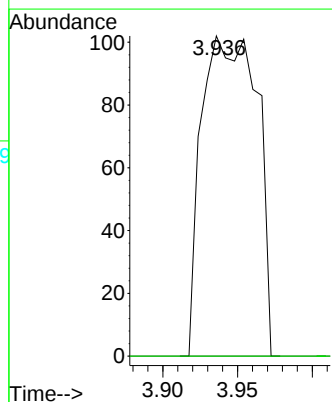
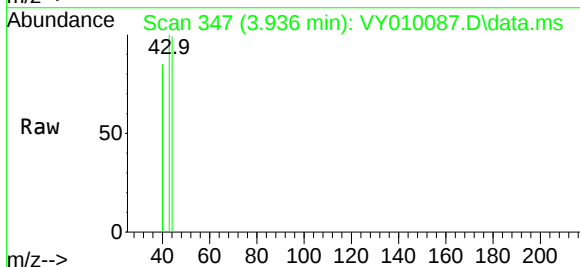


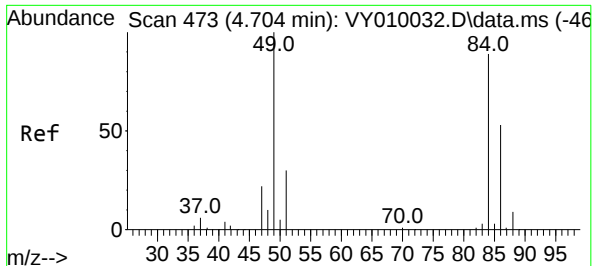
Tgt Ion:168 Resp: 48276
Ion Ratio Lower Upper
168 100
99 46.8 37.7 56.5



#16
Acetone
Concen: 2.544 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

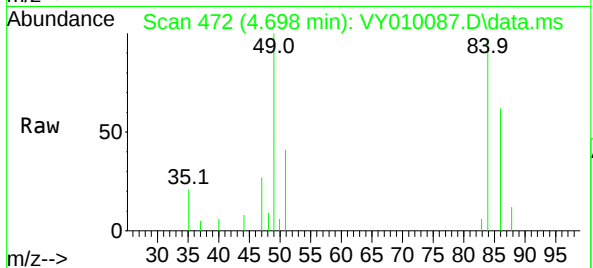
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.0#



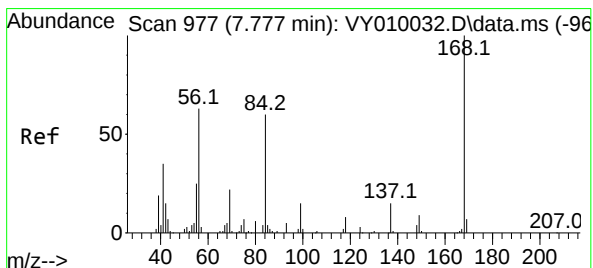
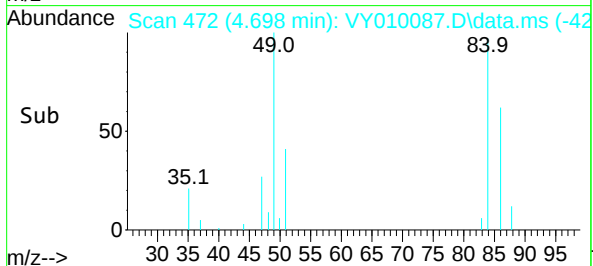
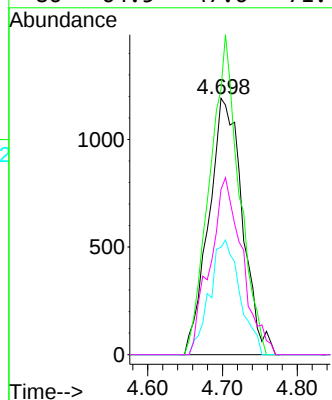


#20
Methylene Chloride
Concen: 4.739 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
S3RE

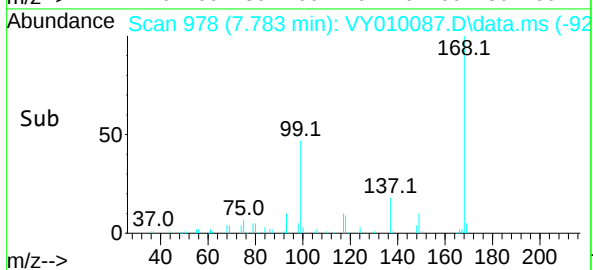
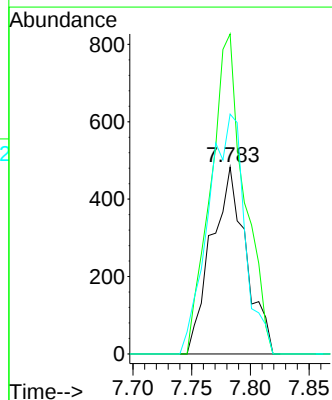
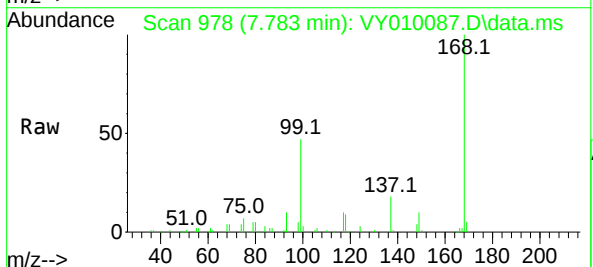


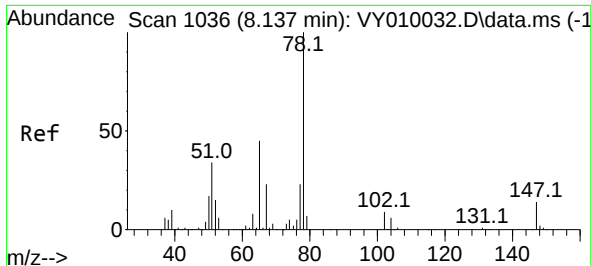
Tgt Ion:	84	Resp:	3726
Ion	Ratio	Lower	Upper
84	100		
49	103.4	89.5	134.3
51	41.9	26.8	40.2#
86	64.5	47.6	71.4



#31
Cyclohexane
Concen: 1.447 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion:	56	Resp:	987
Ion	Ratio	Lower	Upper
56	100		
69	171.2	28.6	43.0#
84	128.4	76.0	114.0#





#33

1,2-Dichloroethane-d4

Concen: 66.048 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY010087.D

Acq: 18 Aug 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

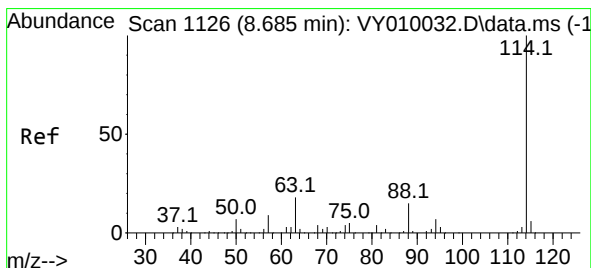
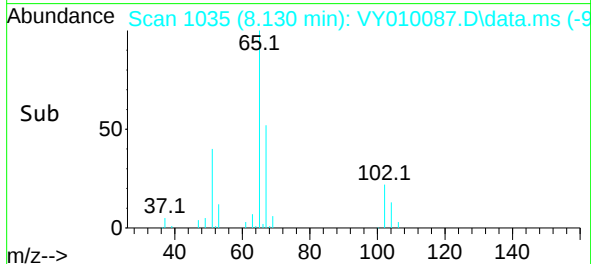
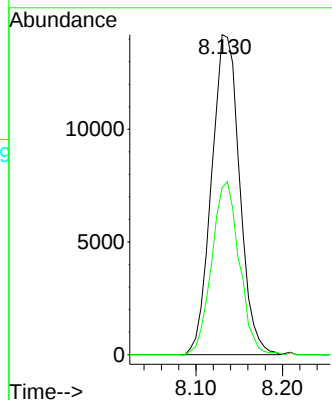
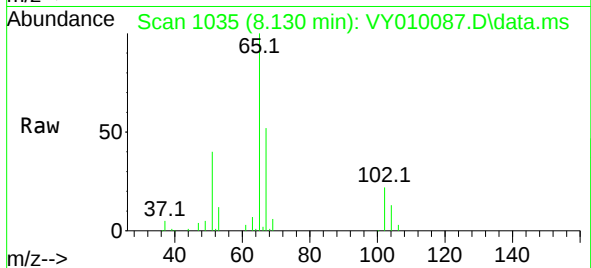
S3RE

Tgt Ion: 65 Resp: 31881

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010087.D

Acq: 18 Aug 2022 16:47

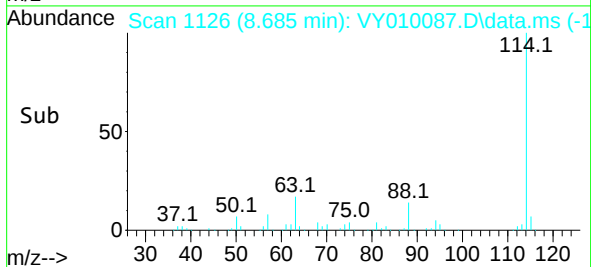
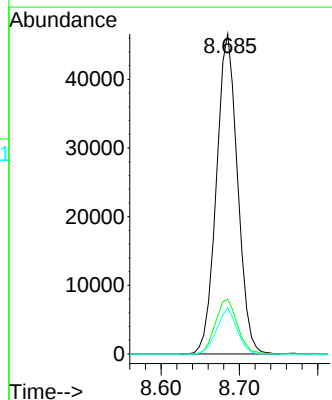
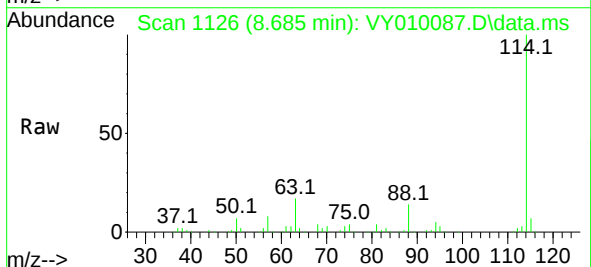
Tgt Ion: 114 Resp: 87384

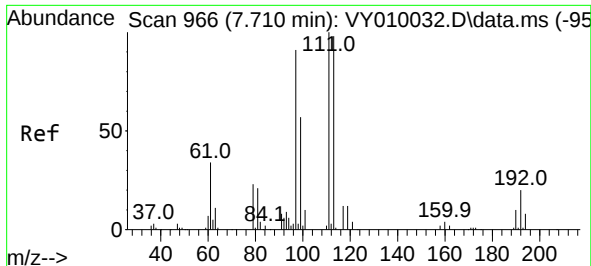
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

88 14.4 0.0 30.2

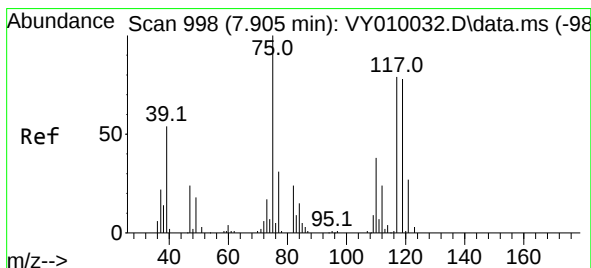
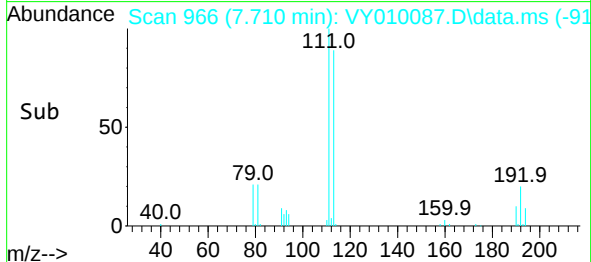
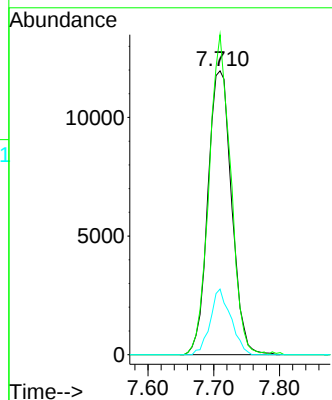
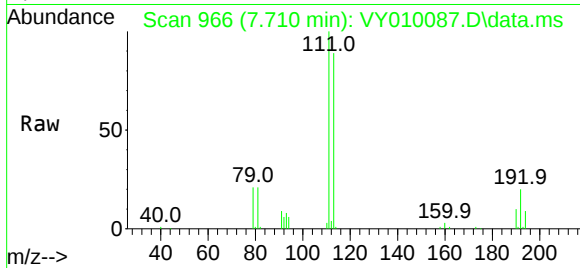




#35
Dibromofluoromethane
Concen: 53.008 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

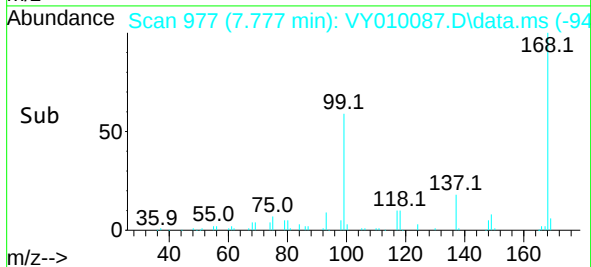
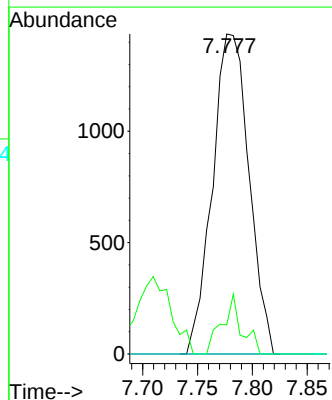
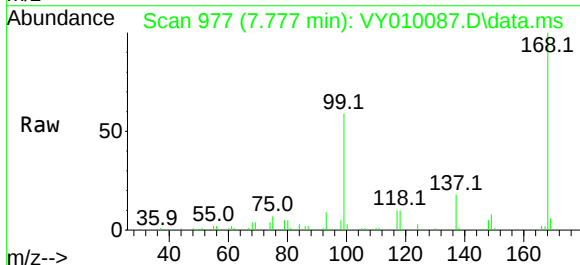
Instrument :
MSVOA_Y
ClientSampleId :
S3RE

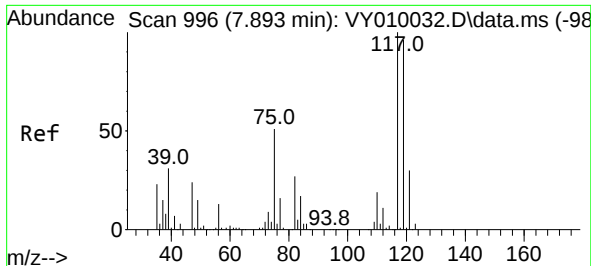
Tgt Ion:113 Resp: 30039
Ion Ratio Lower Upper
113 100
111 102.8 82.7 124.1
192 20.1 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.221 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion: 75 Resp: 3332
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.4#
77 0.0 24.6 36.8#

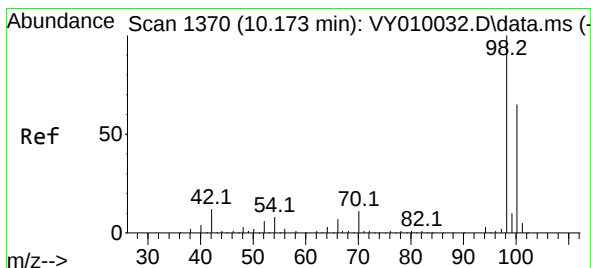
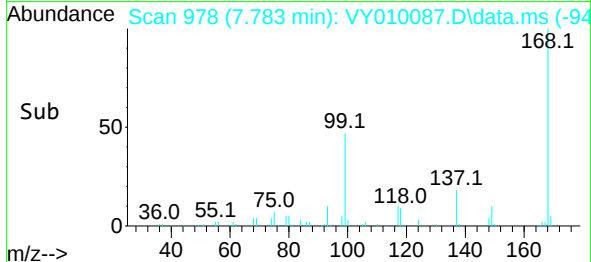
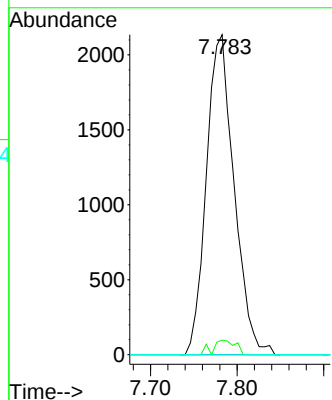
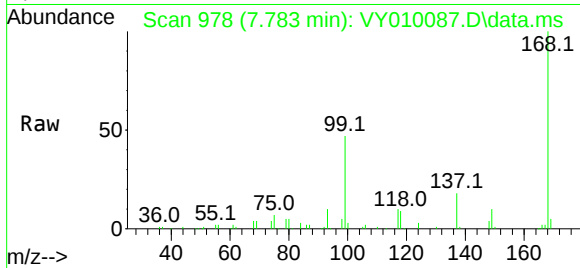




#38
Carbon Tetrachloride
Concen: 4.888 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

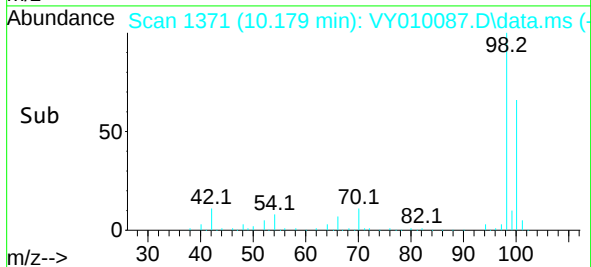
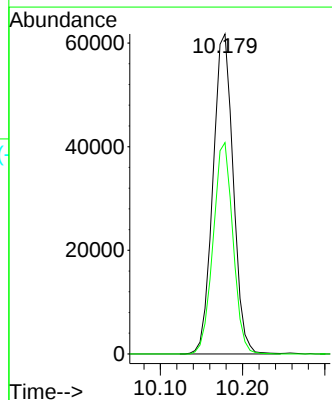
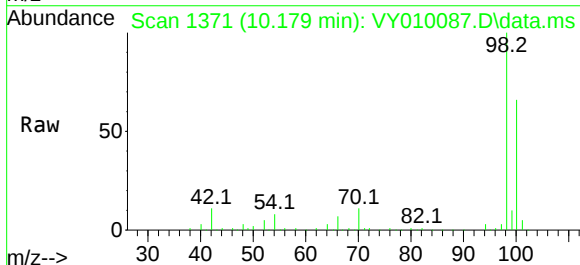
Instrument :
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ClientSampleId :
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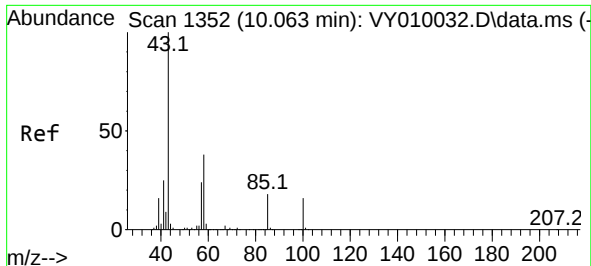
Tgt Ion:117 Resp: 4746
Ion Ratio Lower Upper
117 100
119 4.5 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.390 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion: 98 Resp: 105647
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

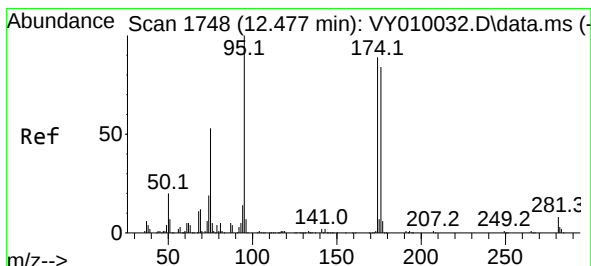
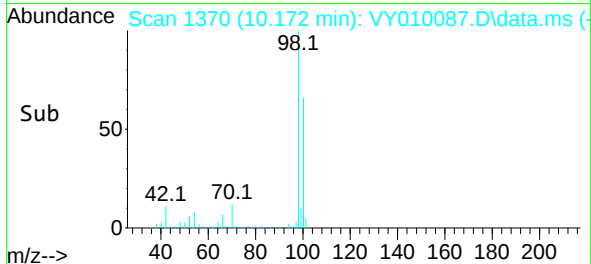
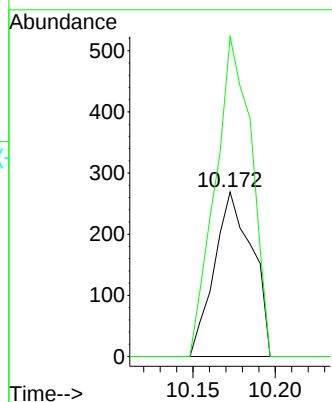
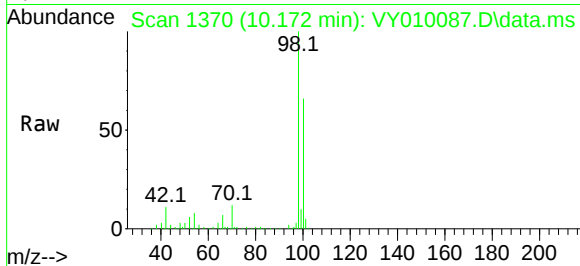




#51
4-Methyl-2-Pentanone
Concen: 1.035 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

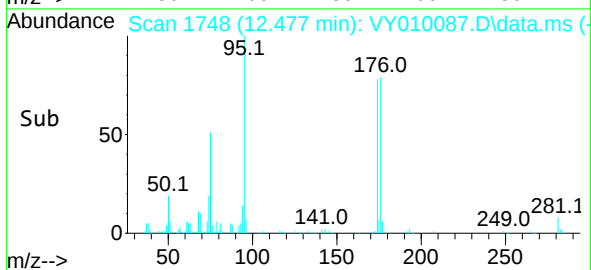
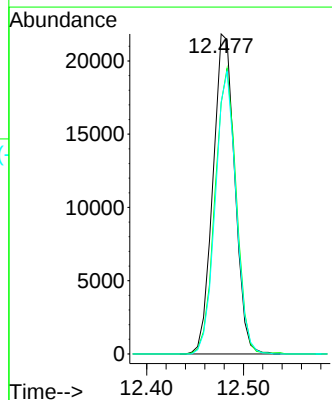
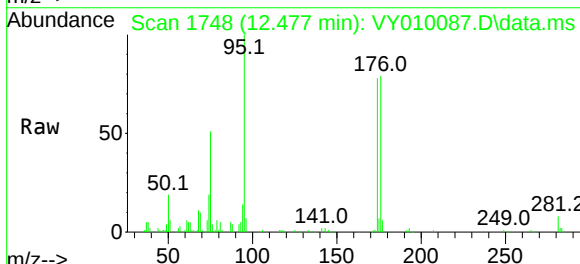
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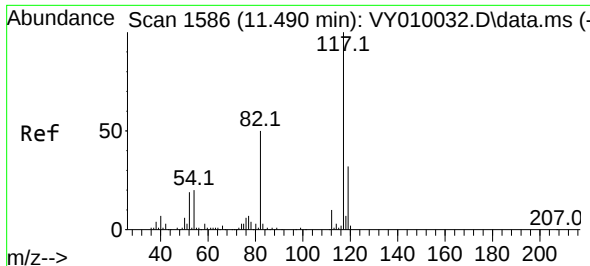
Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
58 186.5 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 46.374 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion: 95 Resp: 34150
Ion Ratio Lower Upper
95 100
174 87.1 0.0 184.2
176 84.0 0.0 178.4

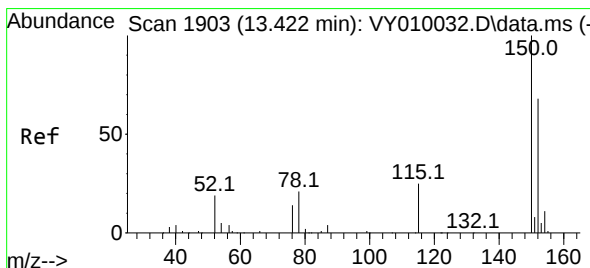
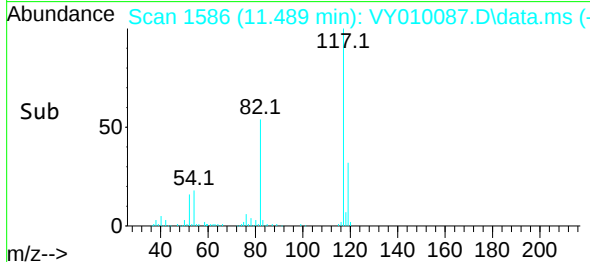
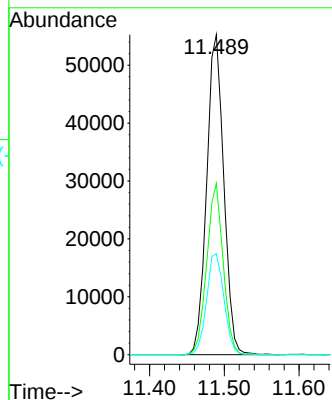
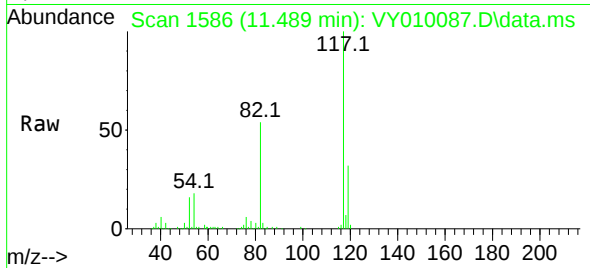




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

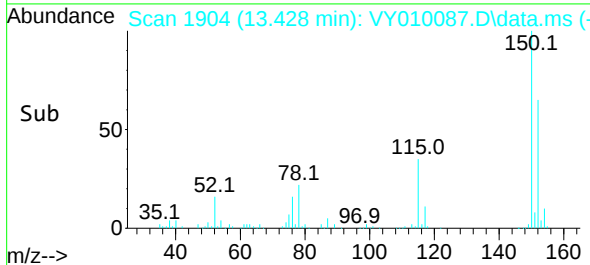
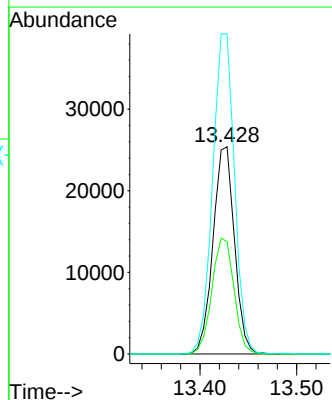
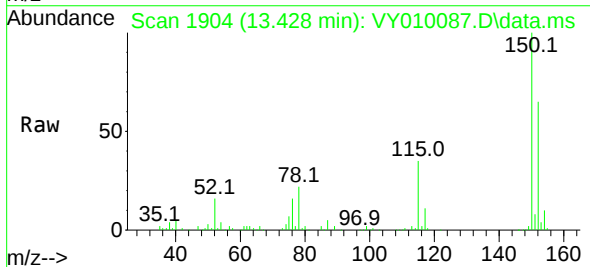
Instrument :
MSVOA_Y
ClientSampleId :
S3RE

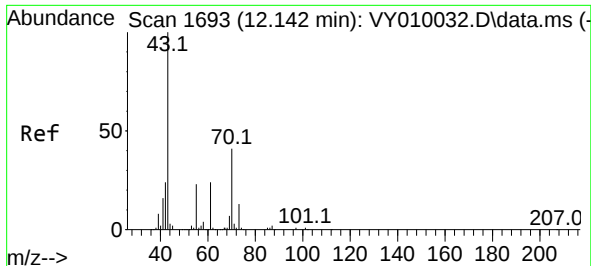
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	39.8	59.6
119	31.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.1	84.3
150	157.2	0.0	346.6

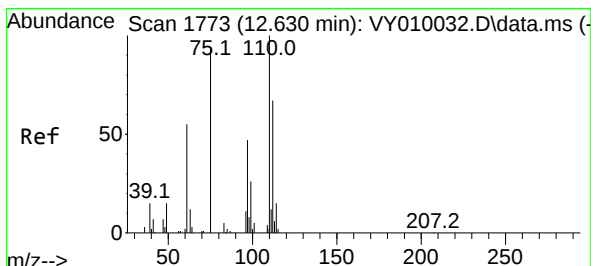
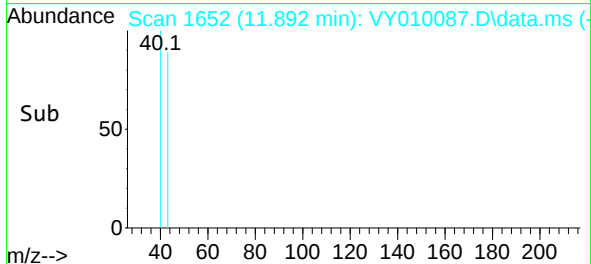
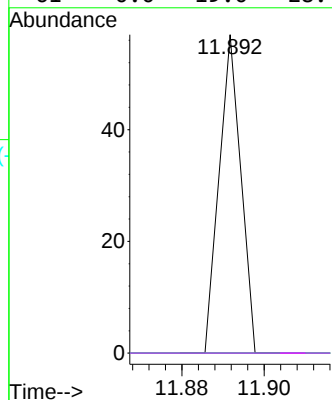
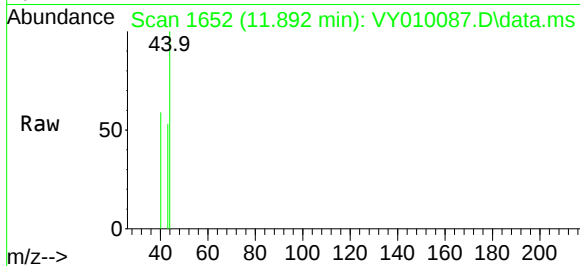




#74
N-amy1 acetate
Concen: 4.710 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.250 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

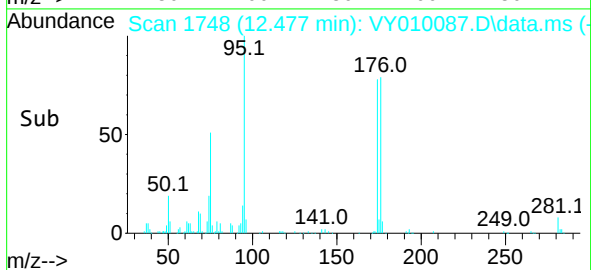
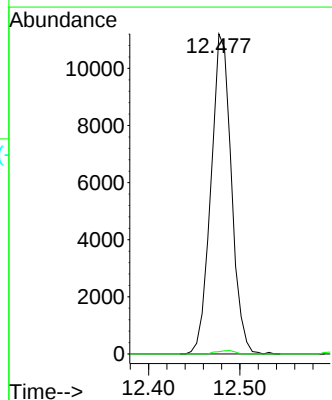
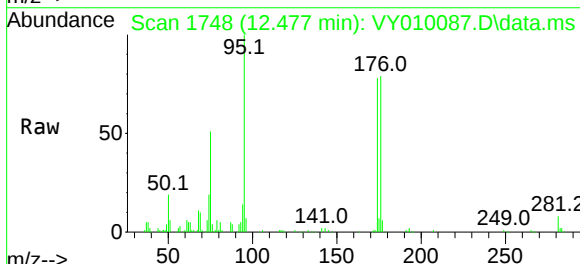
Instrument :
MSVOA_Y
ClientSampleId :
S3RE

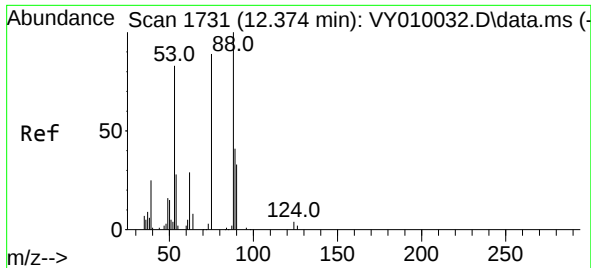
Tgt Ion: 43	Resp: 21
Ion Ratio	Lower Upper
43 100	
70 0.0	32.3 48.5#
55 0.0	19.3 28.9#
61 0.0	19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 46.740 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010087.D
Acq: 18 Aug 2022 16:47

Tgt Ion: 75	Resp: 17349
Ion Ratio	Lower Upper
75 100	
77 0.9	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.628 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010087.D
 Acq: 18 Aug 2022 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 S3RE

Tgt Ion: 75 Resp: 17349
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 37.8 56.6#

