

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009860.D
 Acq On : 05 Aug 2022 18:58
 Operator : KP/MD
 Sample : N4023-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6

Quant Time: Aug 06 01:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

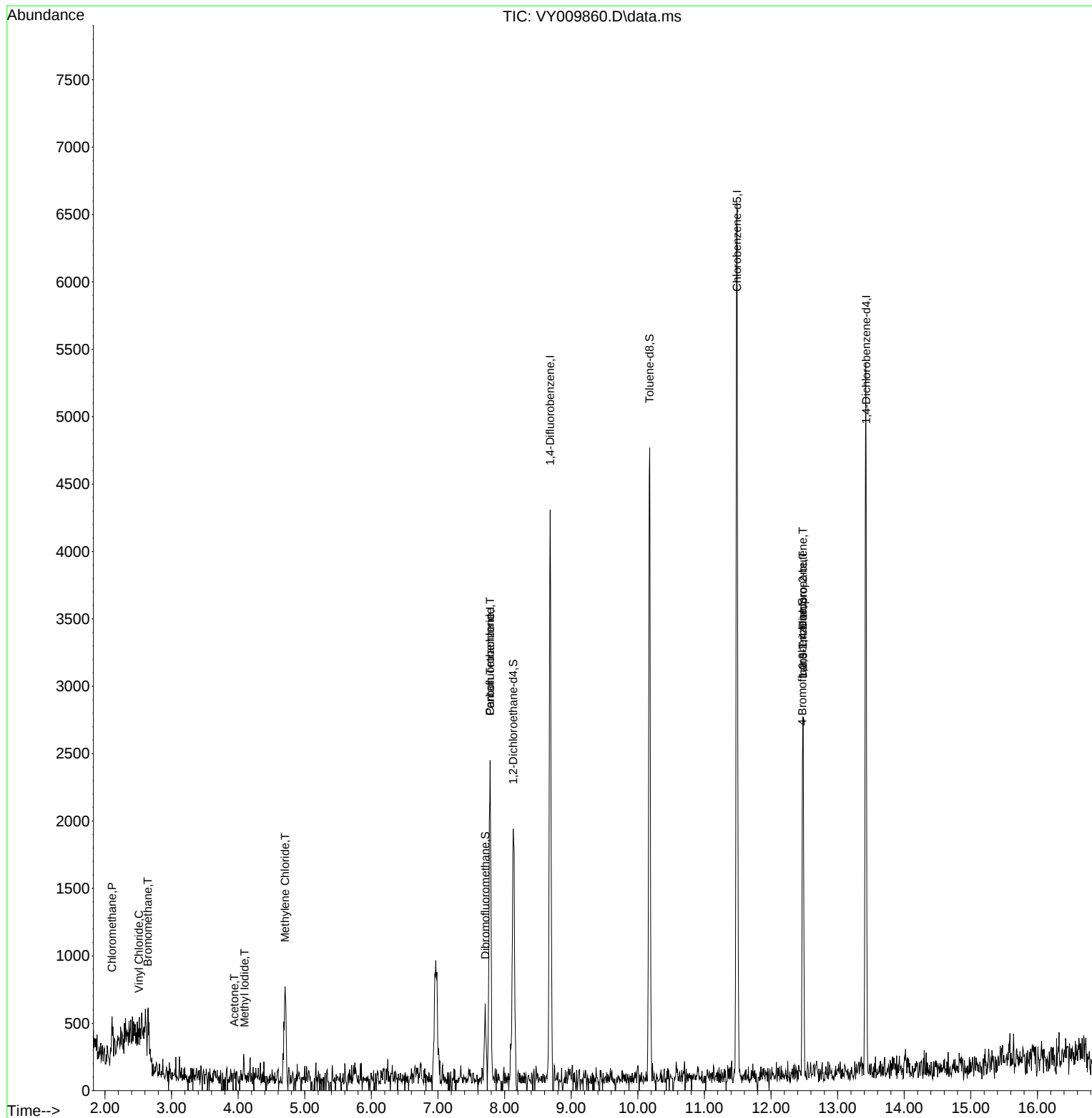
Internal Standards						
1) Pentafluorobenzene	7.783	168	2296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1353	74.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.360%
35) Dibromofluoromethane	7.710	113	445	19.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.940%#
50) Toluene-d8	10.179	98	3204	48.808	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.471	95	1020	33.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	67.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	79	2.380	ug/l #	43
4) Vinyl Chloride	2.509	62	51	1.465	ug/l #	43
5) Bromomethane	2.644	94	149	5.622	ug/l #	52
10) Methyl Iodide	4.095	142	85	2.920	ug/l #	39
16) Acetone	3.942	43	78	12.001	ug/l #	45
20) Methylene Chloride	4.704	84	442	8.093	ug/l #	76
38) Carbon Tetrachloride	7.783	117	186	4.784	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	528	30.030	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	528	64.452	ug/l #	12

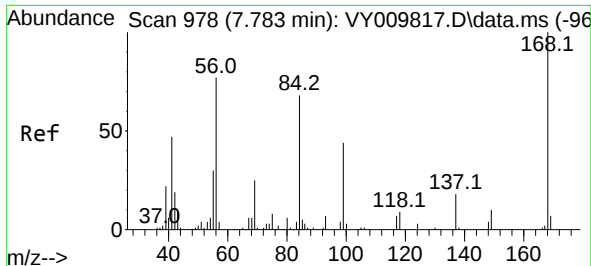
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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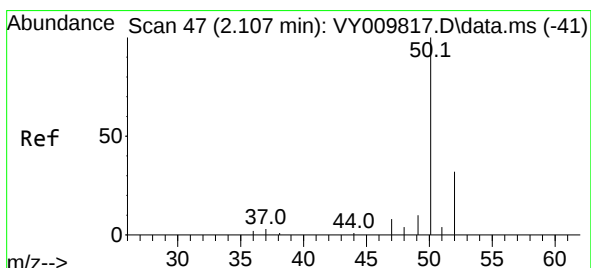
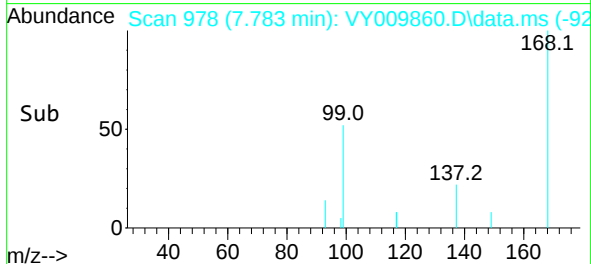
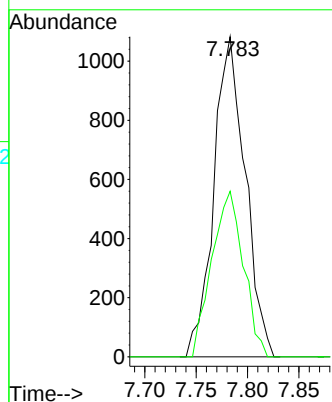
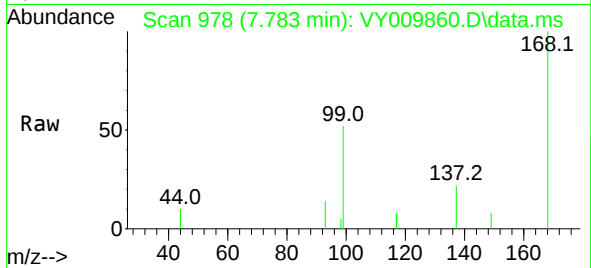




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

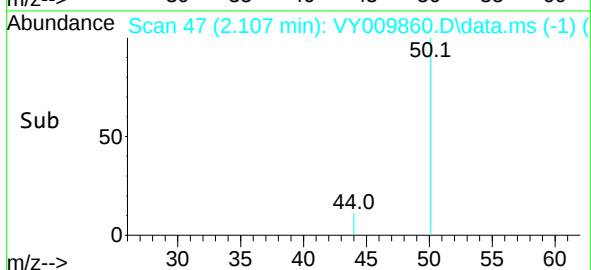
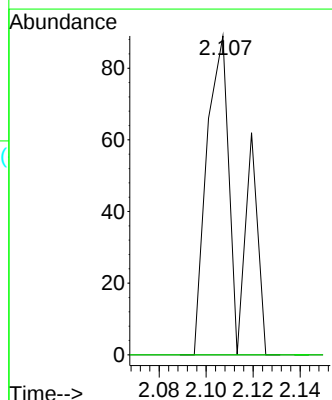
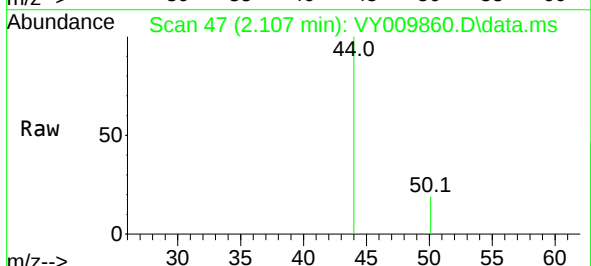
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6

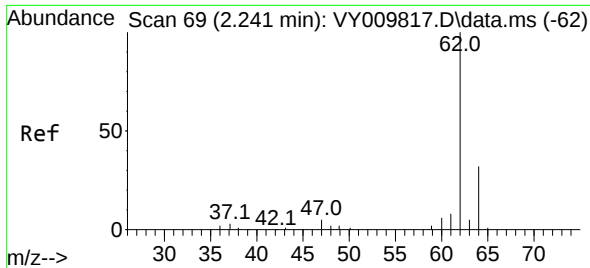
Tgt Ion:168 Resp: 2296
Ion Ratio Lower Upper
168 100
99 51.7 44.7 67.1



#3
Chloromethane
Concen: 2.380 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

Tgt Ion: 50 Resp: 79
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

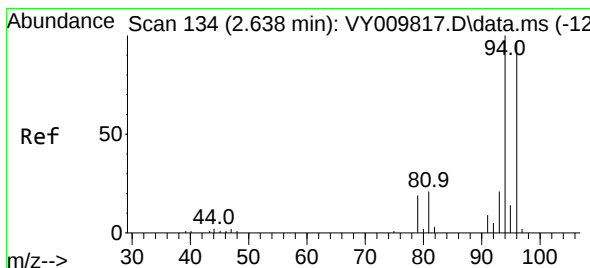
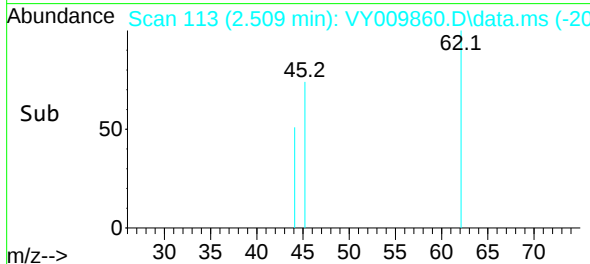
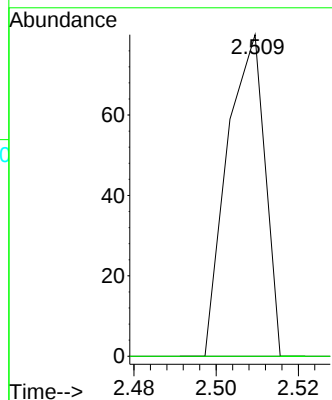
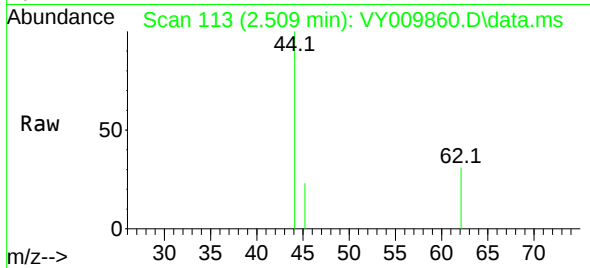




#4
 Vinyl Chloride
 Concen: 1.465 ug/l
 RT: 2.509 min Scan# 113
 Delta R.T. 0.268 min
 Lab File: VY009860.D
 Acq: 05 Aug 2022 18:58

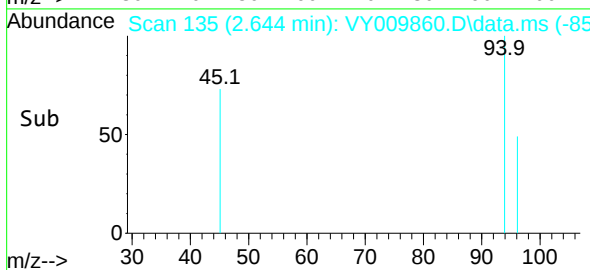
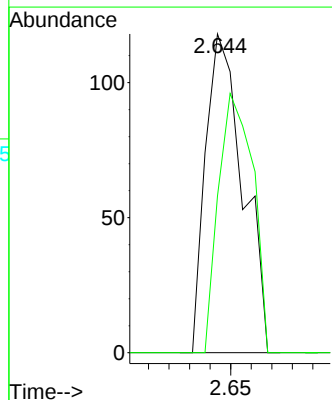
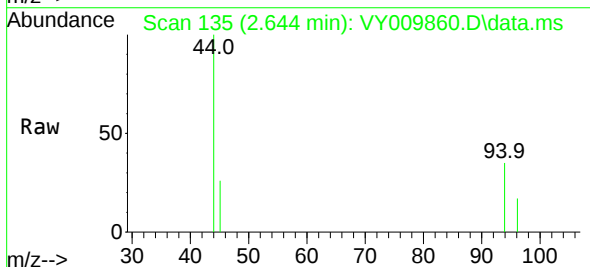
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6

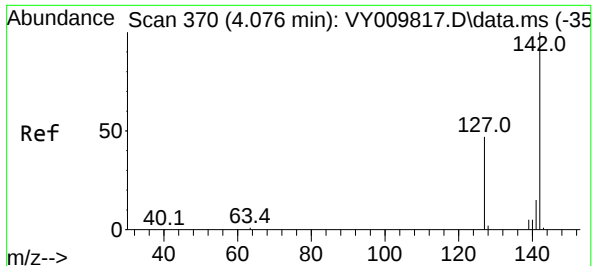
Tgt Ion: 62 Resp: 51
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.5 38.3#



#5
 Bromomethane
 Concen: 5.622 ug/l
 RT: 2.644 min Scan# 135
 Delta R.T. 0.006 min
 Lab File: VY009860.D
 Acq: 05 Aug 2022 18:58

Tgt Ion: 94 Resp: 149
 Ion Ratio Lower Upper
 94 100
 96 49.2 77.2 115.8#





#10

Methyl Iodide

Concen: 2.920 ug/l

RT: 4.095 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY009860.D

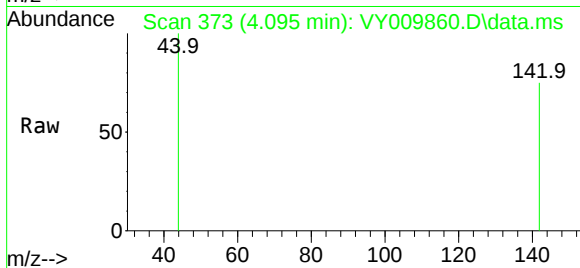
Acq: 05 Aug 2022 18:58

Instrument :

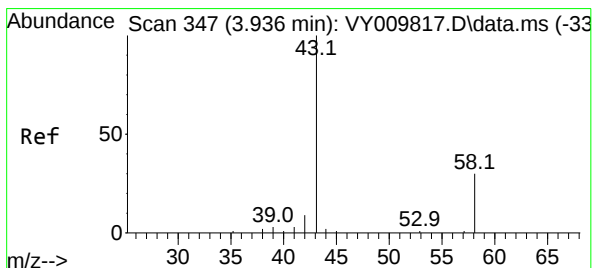
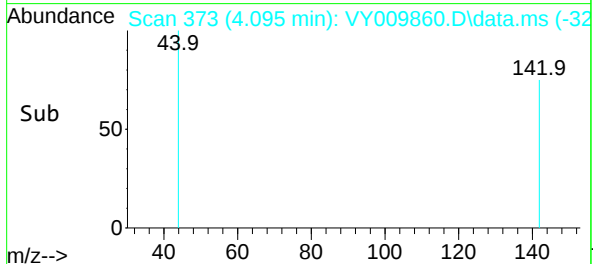
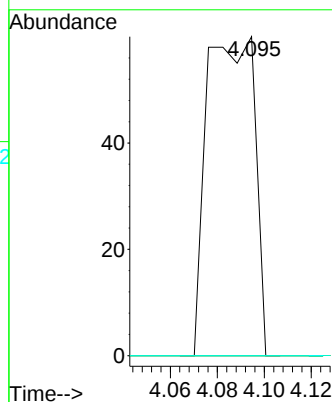
MSVOA_Y

ClientSampleId :

TP3-1-6



Tgt Ion:142	Resp:	85
Ion Ratio	Lower	Upper
142	100	
127	0.0	36.0 54.0#
141	0.0	12.0 18.0#



#16

Acetone

Concen: 12.001 ug/l

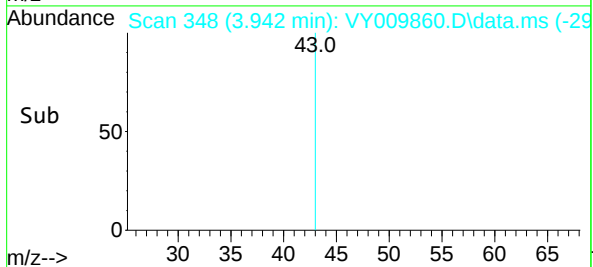
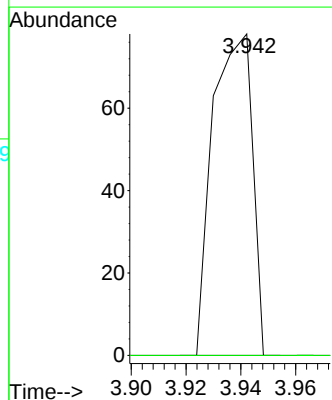
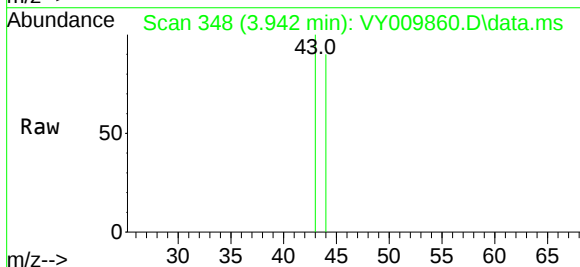
RT: 3.942 min Scan# 348

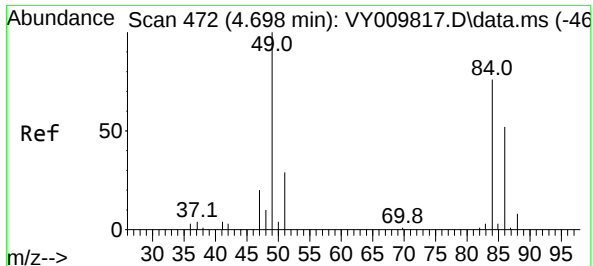
Delta R.T. 0.006 min

Lab File: VY009860.D

Acq: 05 Aug 2022 18:58

Tgt Ion: 43	Resp:	78
Ion Ratio	Lower	Upper
43	100	
58	0.0	24.1 36.1#

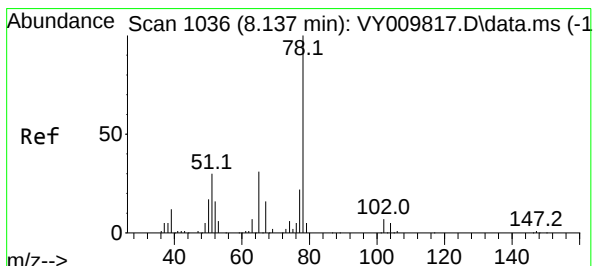
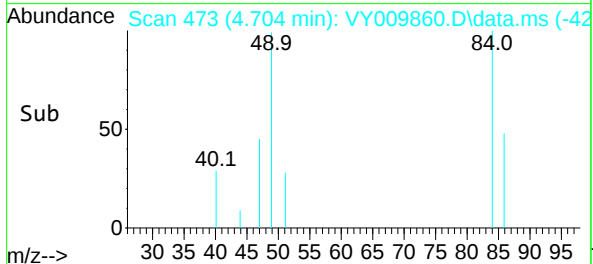
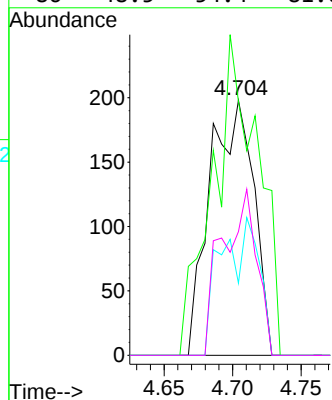
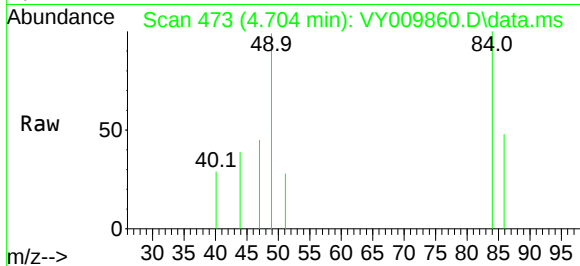




#20
Methylene Chloride
Concen: 8.093 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

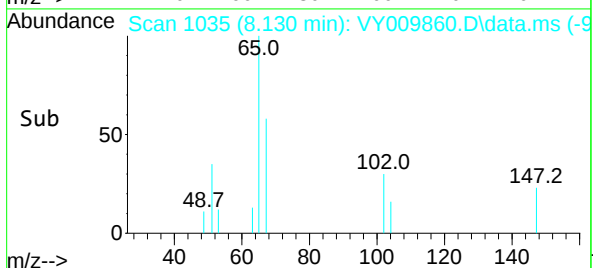
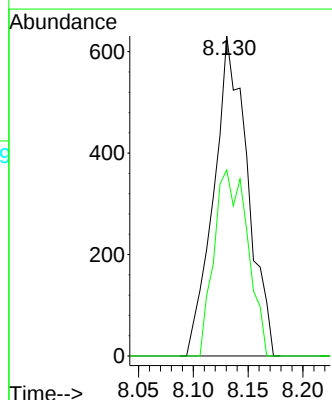
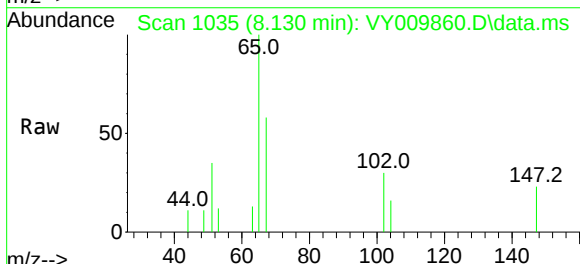
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6

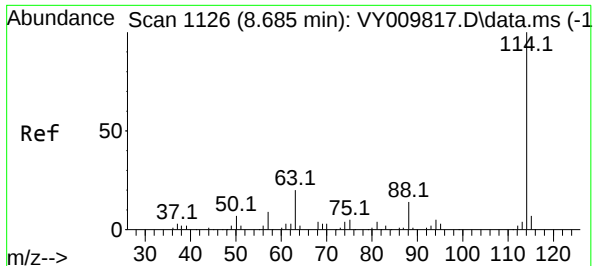
Tgt Ion: 84 Resp: 442
Ion Ratio Lower Upper
84 100
49 99.5 104.6 156.8#
51 28.3 30.9 46.3#
86 48.5 54.4 81.6#



#33
1,2-Dichloroethane-d4
Concen: 74.681 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

Tgt Ion: 65 Resp: 1353
Ion Ratio Lower Upper
65 100
67 57.4 0.0 112.4

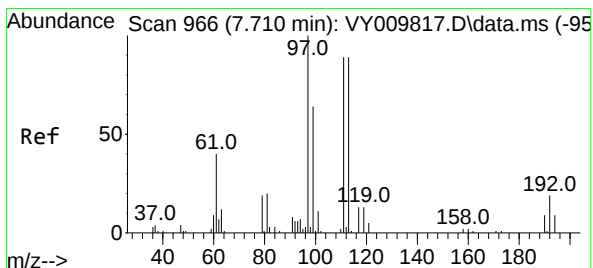
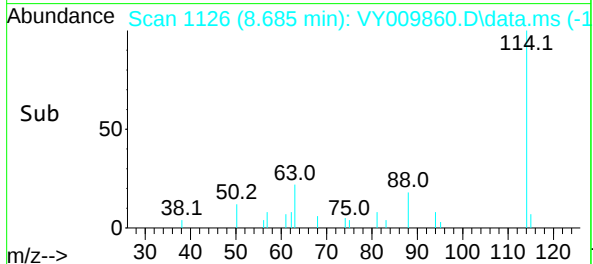
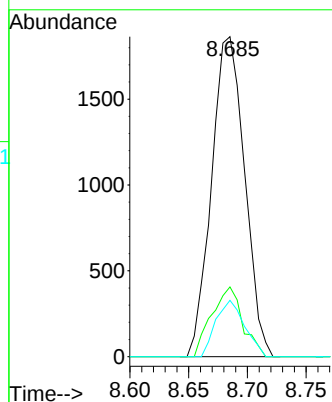
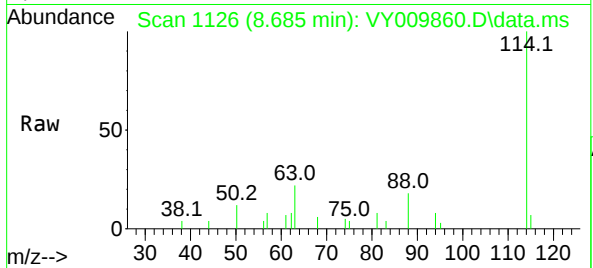




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

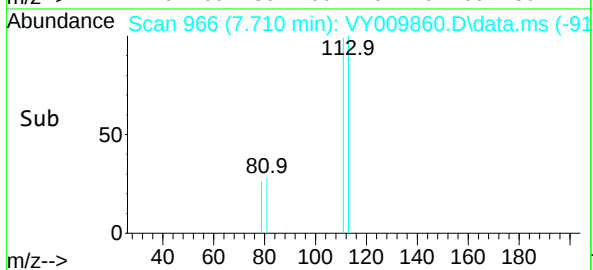
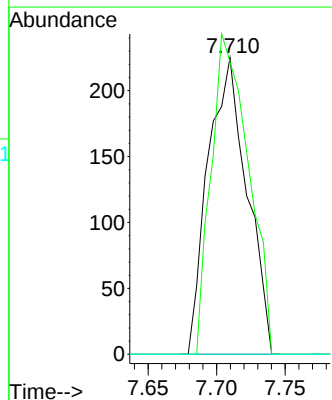
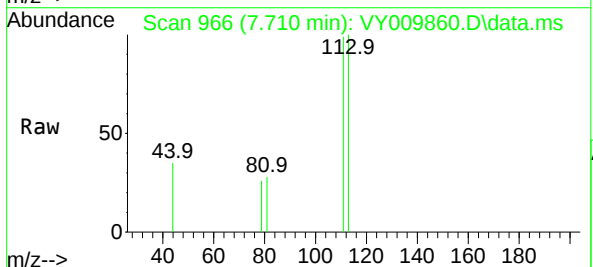
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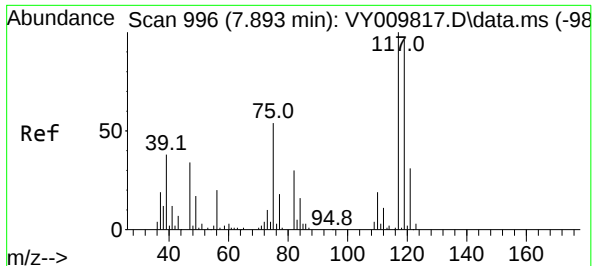
Tgt Ion:114	Resp:	3655
Ion Ratio	Lower	Upper
114	100	
63	21.8	0.0 39.2
88	17.6	0.0 27.6



#35
Dibromofluoromethane
Concen: 19.969 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

Tgt Ion:113	Resp:	445
Ion Ratio	Lower	Upper
113	100	
111	103.6	82.4 123.6
192	0.0	16.5 24.7#

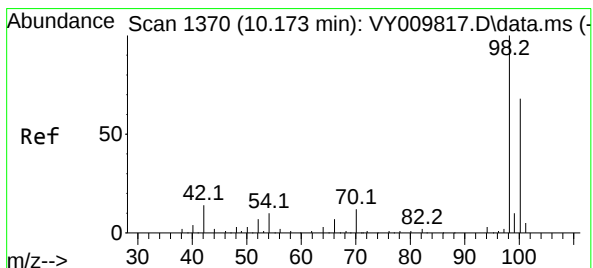
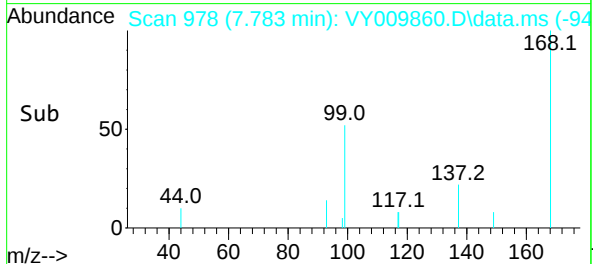
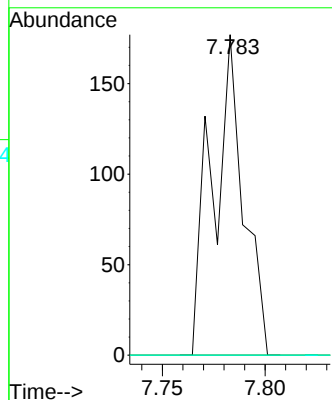
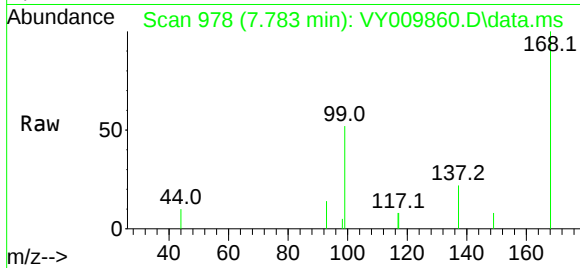




#38
Carbon Tetrachloride
Concen: 4.784 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

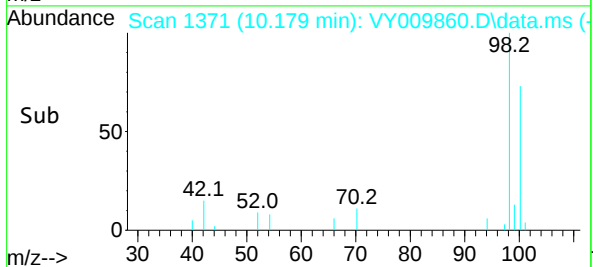
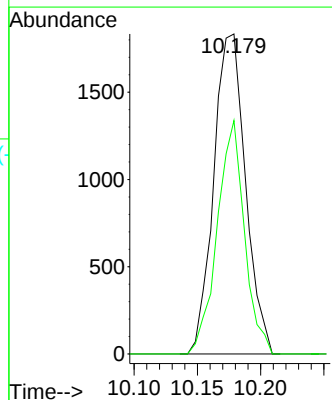
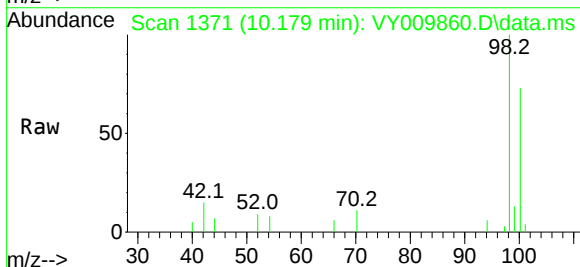
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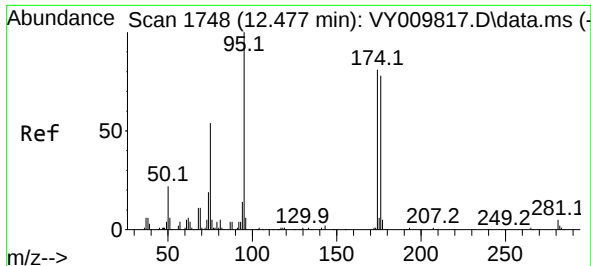
Tgt Ion:117 Resp: 186
Ion Ratio Lower Upper
117 100
119 0.0 76.8 115.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.808 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009860.D
Acq: 05 Aug 2022 18:58

Tgt Ion: 98 Resp: 3204
Ion Ratio Lower Upper
98 100
100 62.5 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 33.801 ug/l

RT: 12.471 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009860.D

Acq: 05 Aug 2022 18:58

Instrument :

MSVOA_Y

ClientSampleId :

TP3-1-6

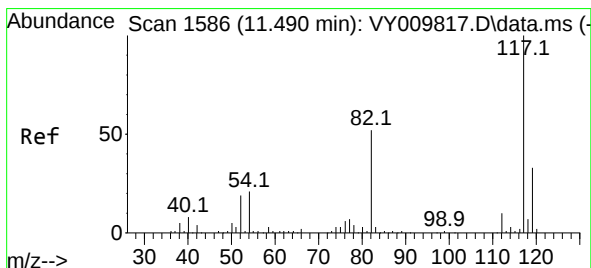
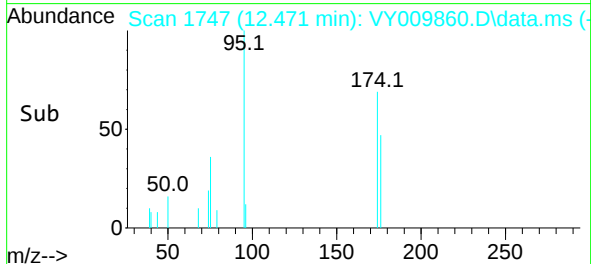
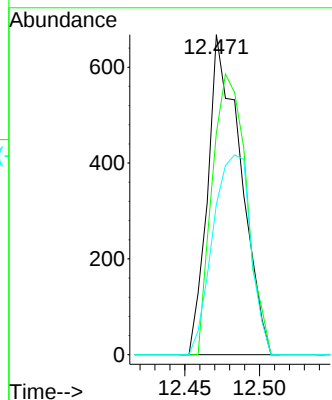
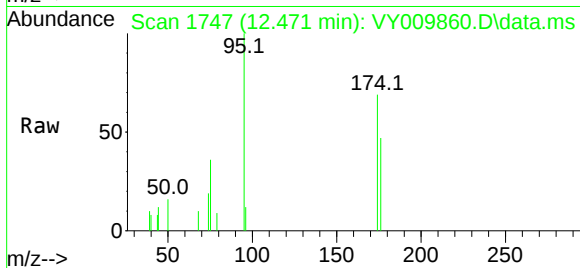
Tgt Ion: 95 Resp: 1020

Ion Ratio Lower Upper

95 100

174 91.2 0.0 168.6

176 71.8 0.0 163.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009860.D

Acq: 05 Aug 2022 18:58

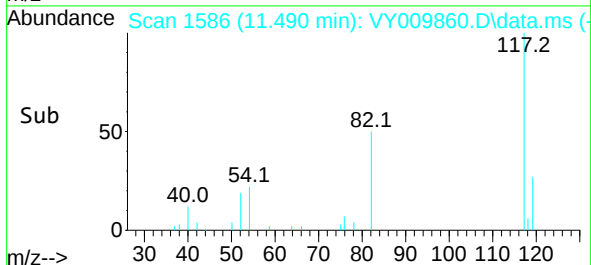
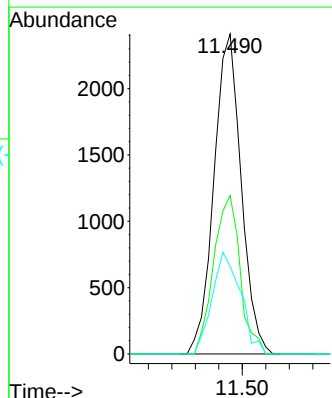
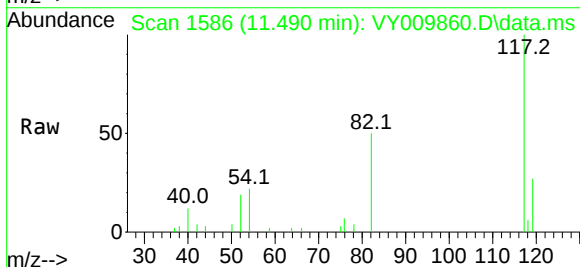
Tgt Ion: 117 Resp: 3885

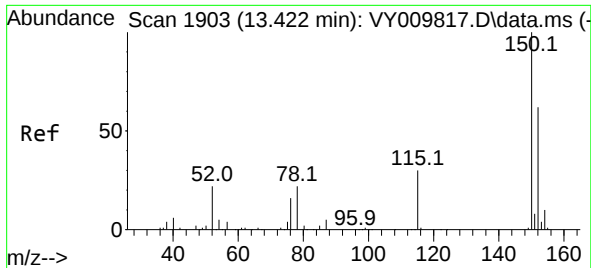
Ion Ratio Lower Upper

117 100

82 49.5 41.7 62.5

119 27.4 26.6 40.0

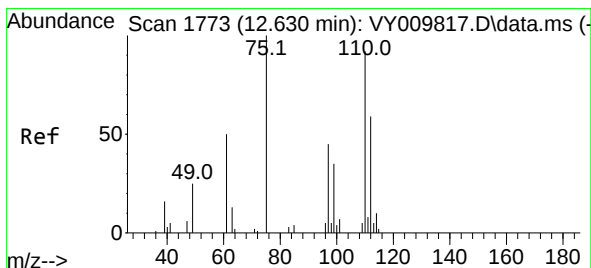
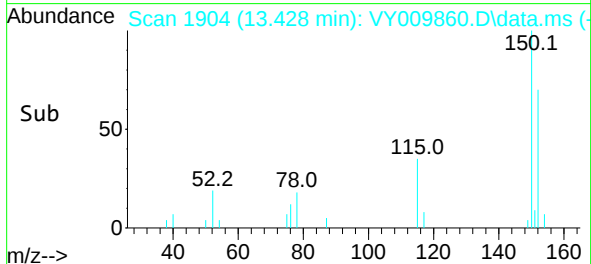
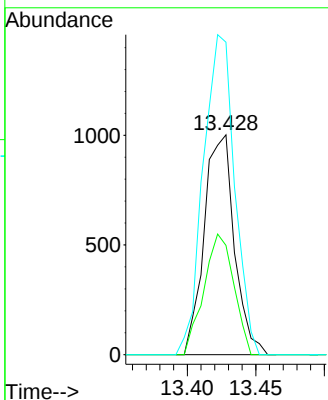
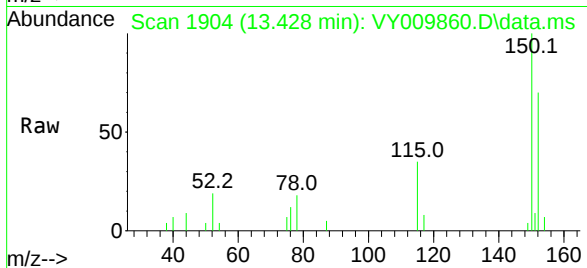




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY009860.D
 Acq: 05 Aug 2022 18:58

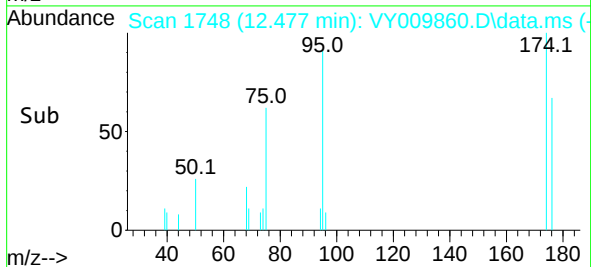
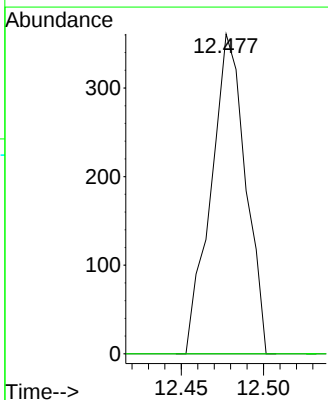
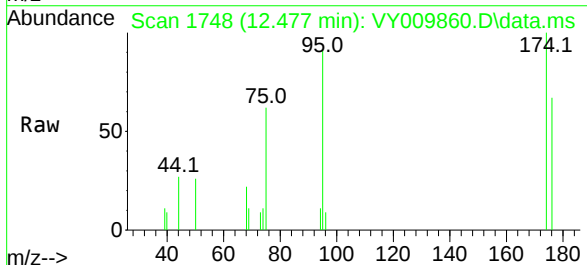
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6

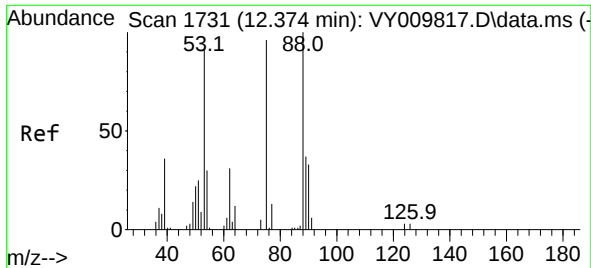
Tgt Ion:152 Resp: 1537
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.9 86.7
 150 151.1 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 30.030 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009860.D
 Acq: 05 Aug 2022 18:58

Tgt Ion: 75 Resp: 528
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.452 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009860.D
 Acq: 05 Aug 2022 18:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6

Tgt Ion: 75 Resp: 528
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 35.3 52.9#

