

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010330.D
 Acq On : 03 Sep 2022 19:06
 Operator : KP/MD
 Sample : N4501-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-7.5-8.0

Quant Time: Sep 05 04:23:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

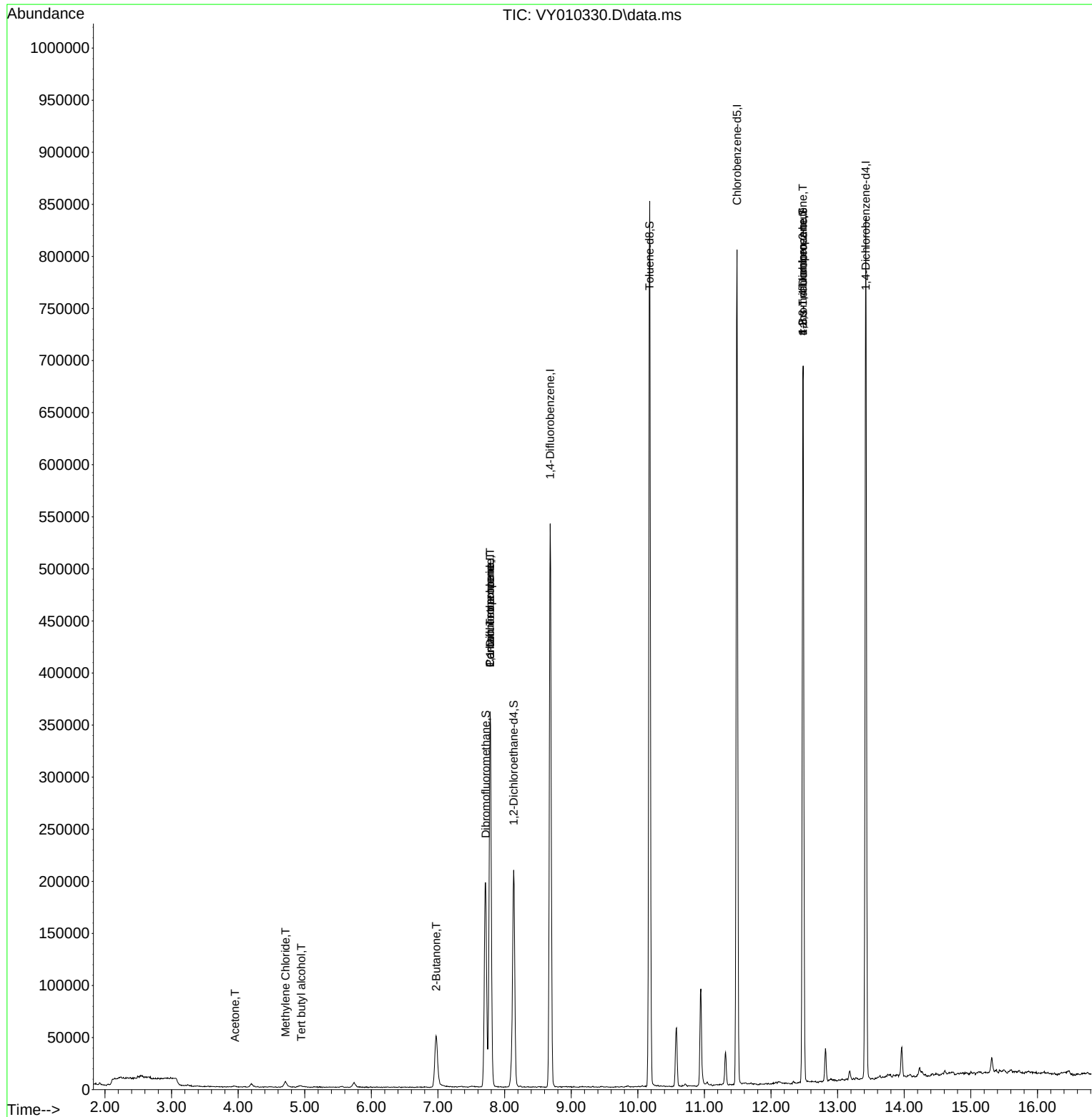
Internal Standards						
1) Pentafluorobenzene	7.782	168	289277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	477660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	155225	52.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.660%	
35) Dibromofluoromethane	7.715	113	142798	44.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.820%	
50) Toluene-d8	10.178	98	556579	52.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.477	95	202576	47.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.661	94	549	Below Cal	#	70
11) Tert butyl alcohol	4.948	59	2248	6.335	ug/l #	85
16) Acetone	3.954	43	1834	2.473	ug/l	99
20) Methylene Chloride	4.710	84	3808	1.064	ug/l	93
25) 2-Butanone	6.972	43	3138	2.579	ug/l #	78
36) 1,1-Dichloropropene	7.782	75	20196	4.329	ug/l #	51
38) Carbon Tetrachloride	7.782	117	26695	5.552	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	103286	40.363	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	103286	84.203	ug/l #	7

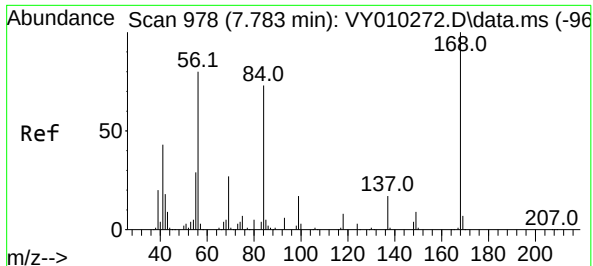
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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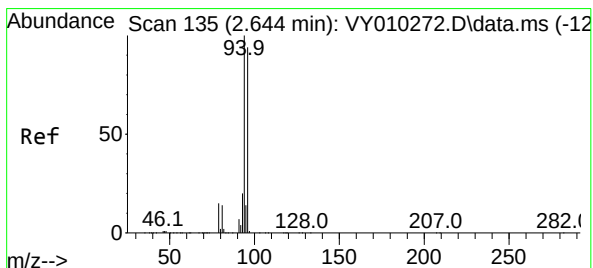
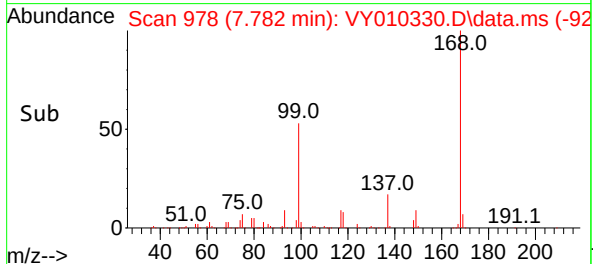
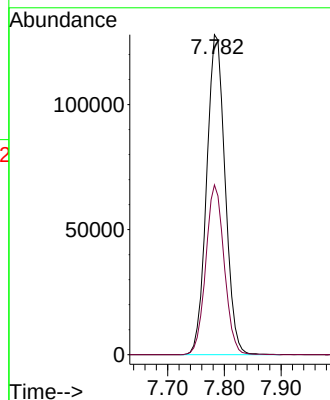
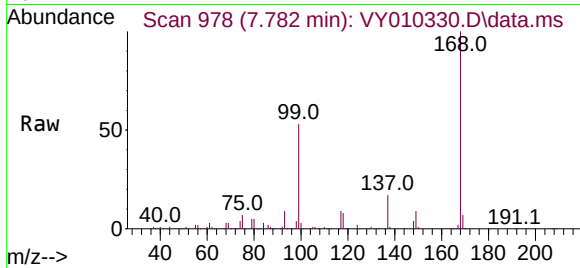




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

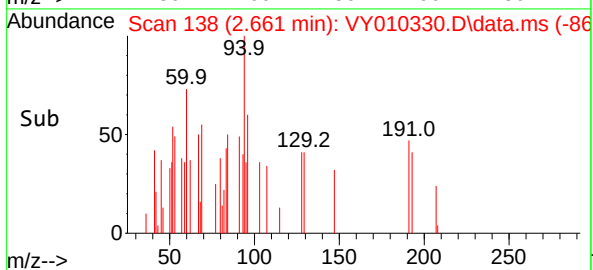
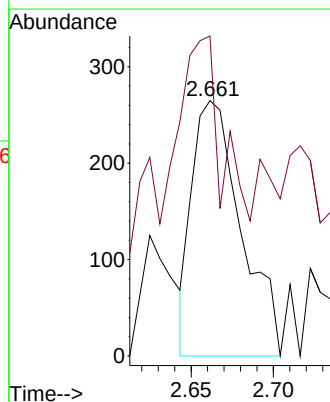
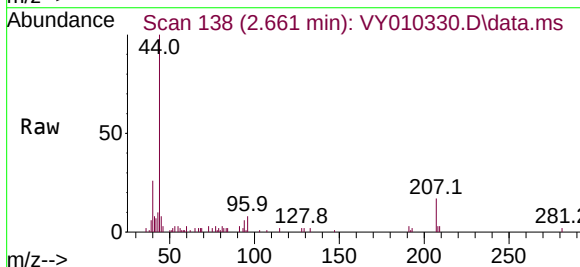
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

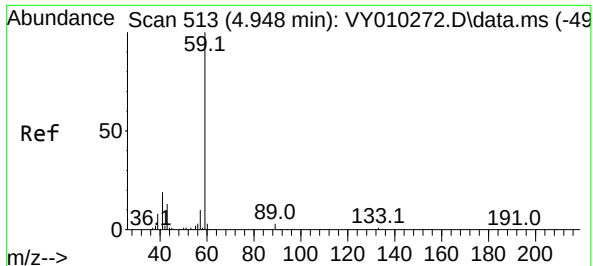
Tgt Ion:168 Resp: 289277
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 138
Delta R.T. 0.017 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion: 94 Resp: 549
Ion Ratio Lower Upper
94 100
96 63.8 73.5 110.3#

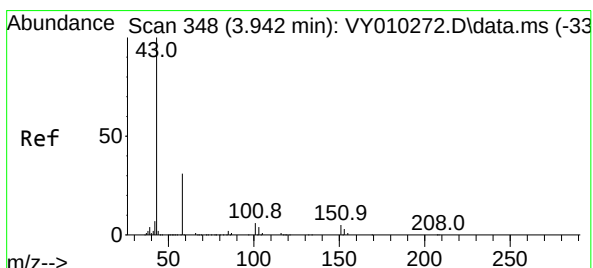
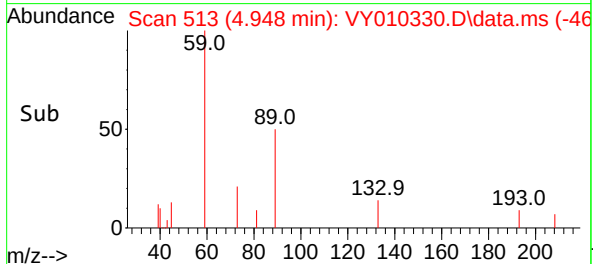
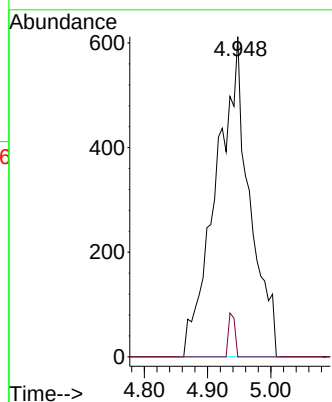
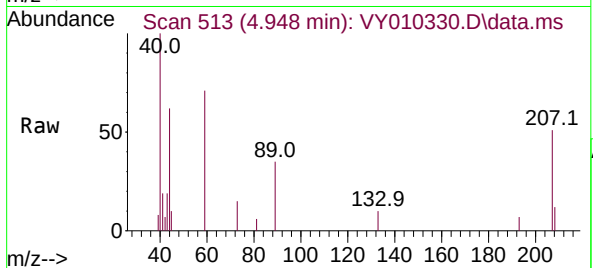




#11
Tert butyl alcohol
Concen: 6.335 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

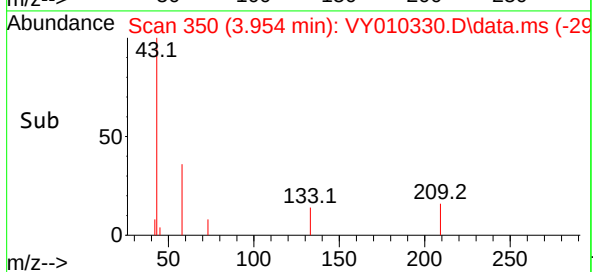
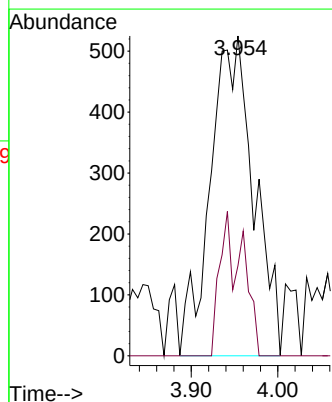
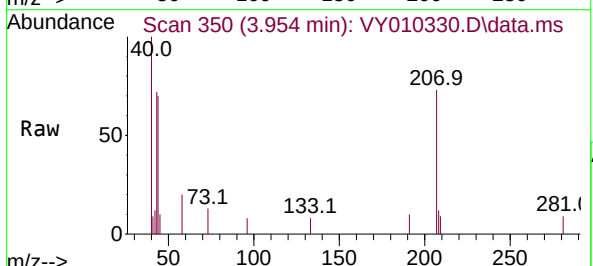
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

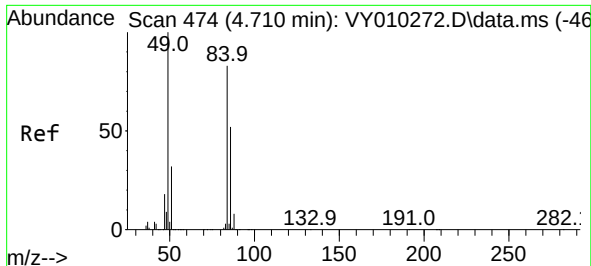
Tgt Ion: 59 Resp: 2248
Ion Ratio Lower Upper
59 100
57 2.6 6.4 9.6#



#16
Acetone
Concen: 2.473 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0

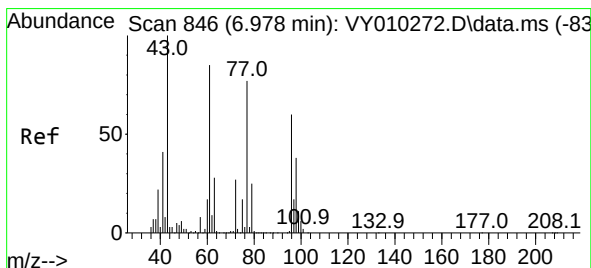
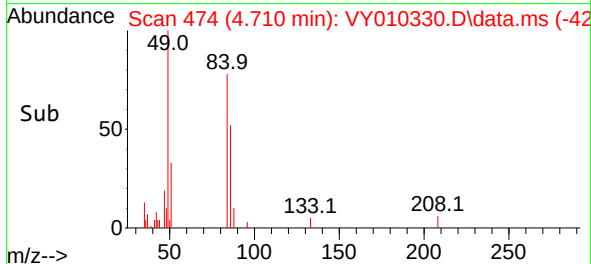
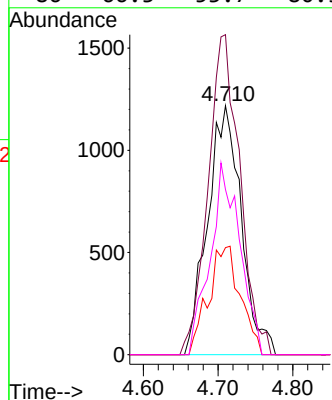
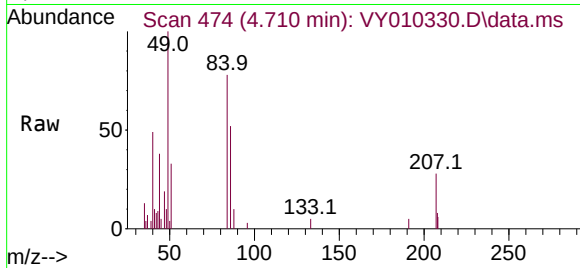




#20
Methylene Chloride
Concen: 1.064 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

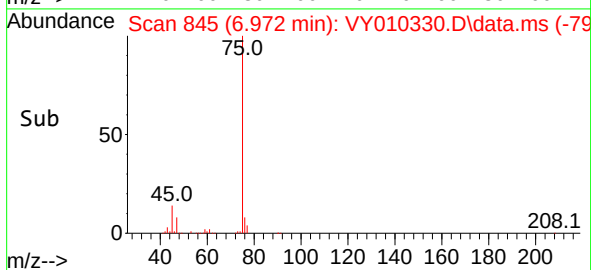
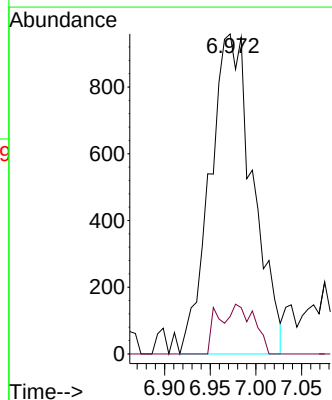
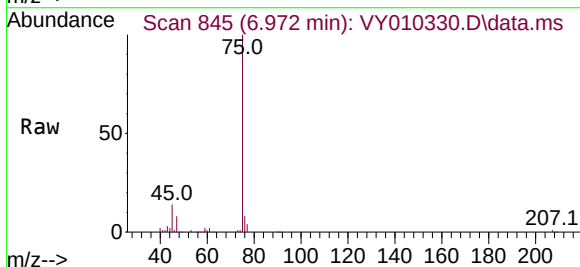
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

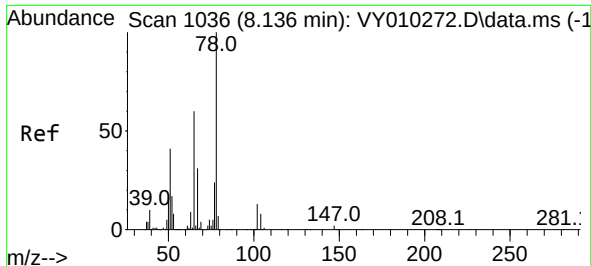
Tgt Ion:	84	Resp:	3808
Ion	Ratio	Lower	Upper
84	100		
49	128.6	114.4	171.6
51	43.0	35.3	52.9
86	66.3	53.7	80.5



#25
2-Butanone
Concen: 2.579 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion:	43	Resp:	3138
Ion	Ratio	Lower	Upper
43	100		
72	11.7	17.7	26.5





#33

1,2-Dichloroethane-d4

Concen: 52.331 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010330.D

Acq: 03 Sep 2022 19:06

Instrument :

MSVOA_Y

ClientSampleId :

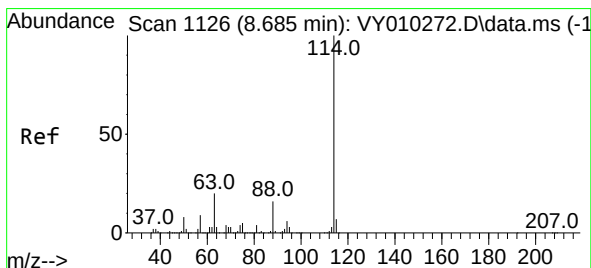
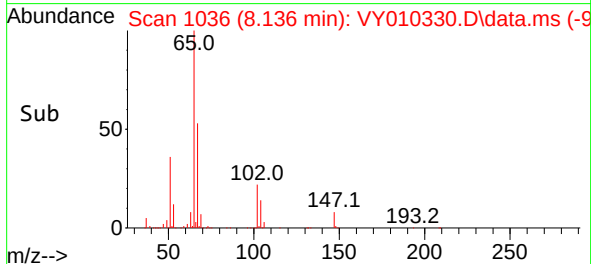
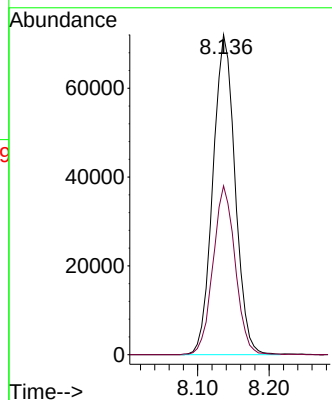
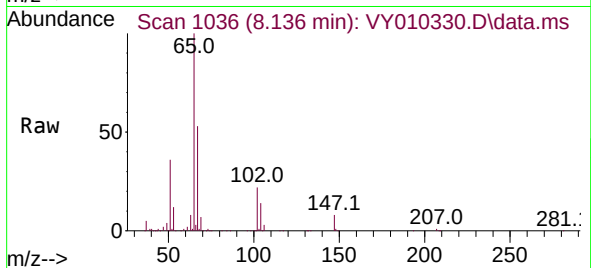
SB-08-7.5-8.0

Tgt Ion: 65 Resp: 155225

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010330.D

Acq: 03 Sep 2022 19:06

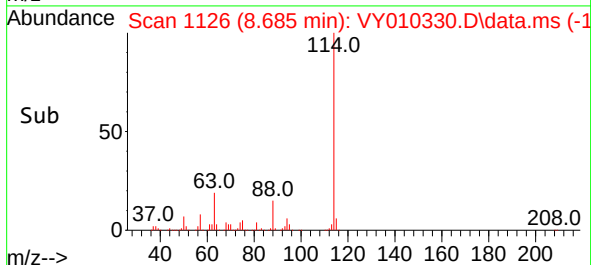
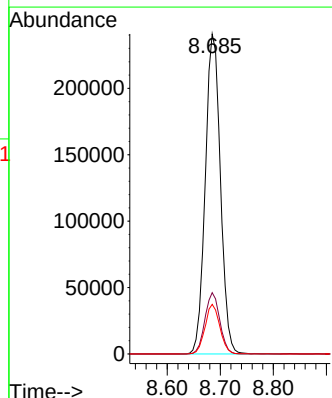
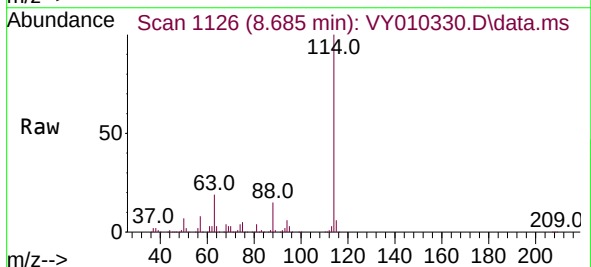
Tgt Ion: 114 Resp: 477660

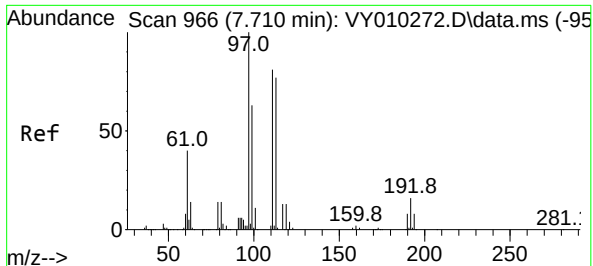
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.5 0.0 31.8

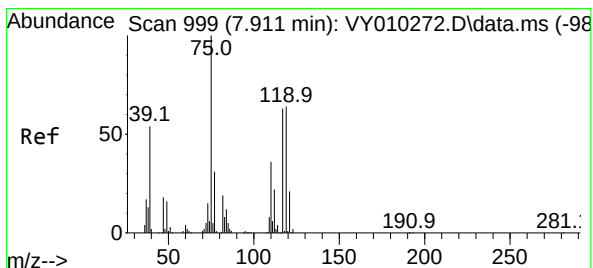
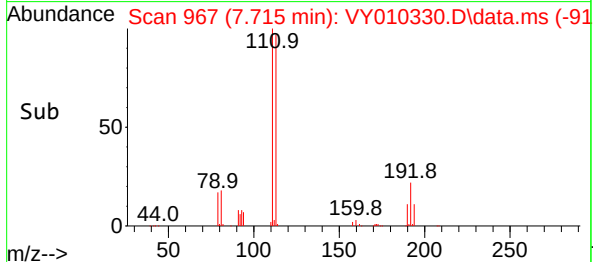
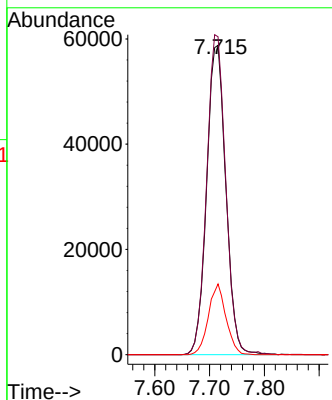
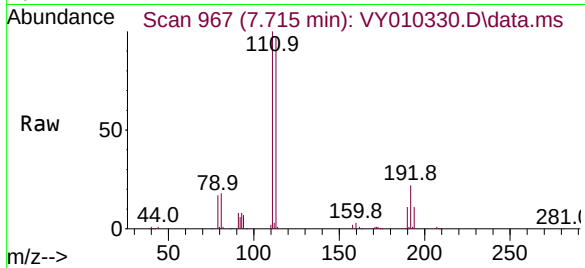




#35
Dibromofluoromethane
Concen: 44.907 ug/l
RT: 7.715 min Scan# 90
Delta R.T. 0.005 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

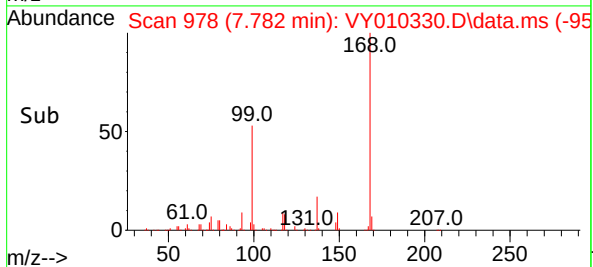
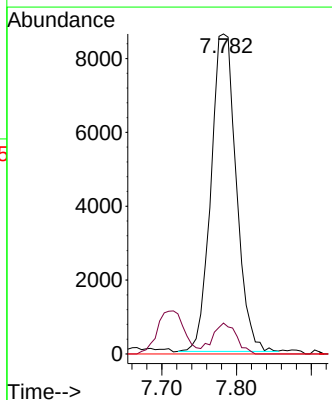
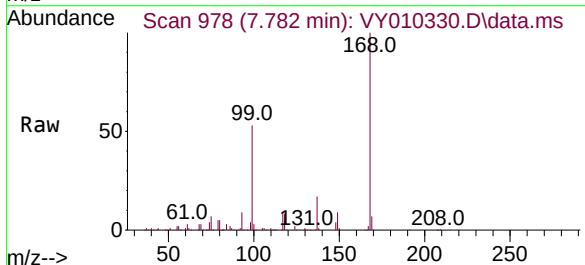
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

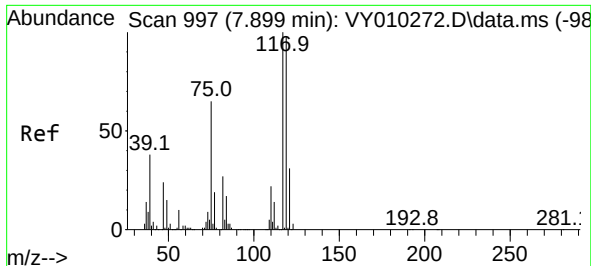
Tgt Ion:113 Resp: 142798
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.329 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.129 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion: 75 Resp: 20196
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

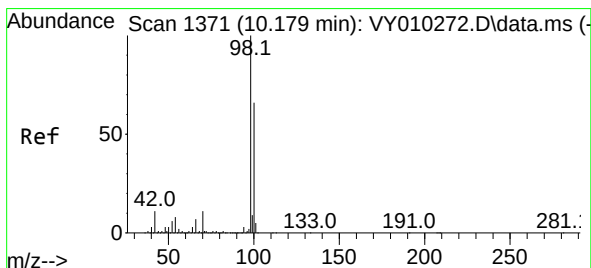
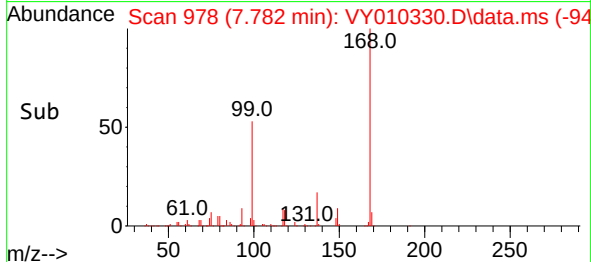
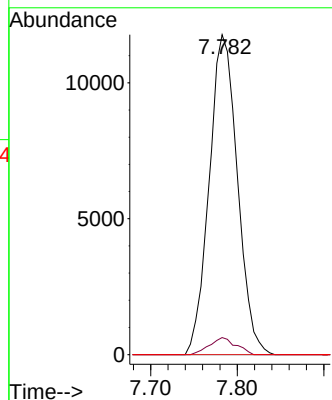
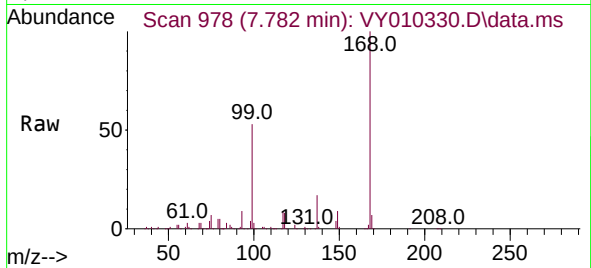




#38
Carbon Tetrachloride
Concen: 5.552 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.117 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

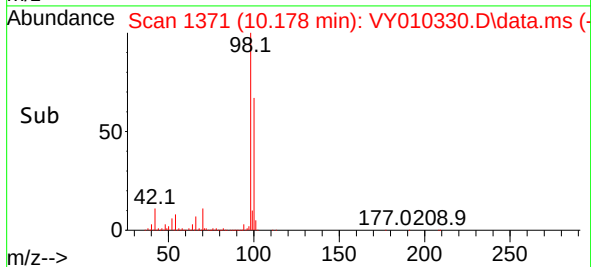
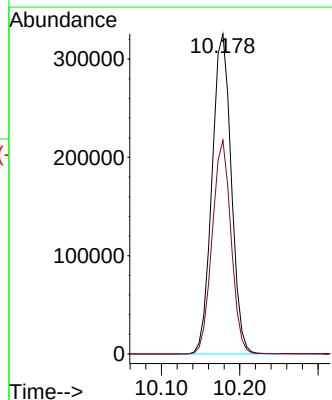
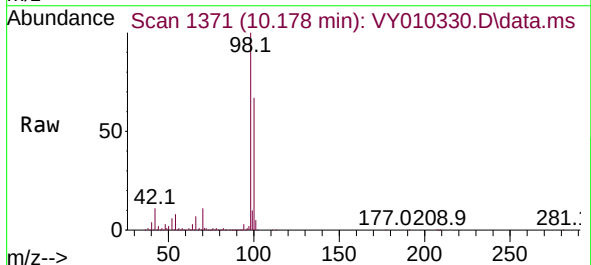
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

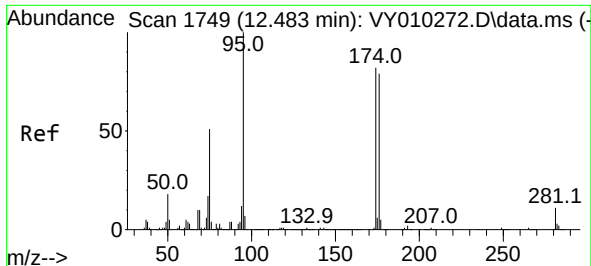
Tgt Ion:117 Resp: 26695
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.279 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion: 98 Resp: 556579
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

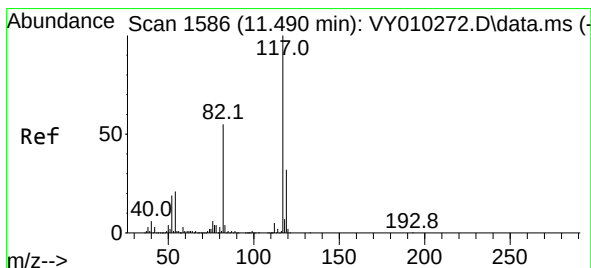
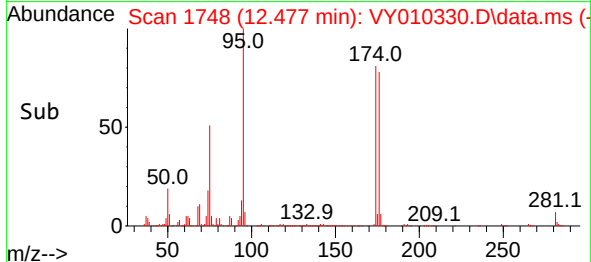
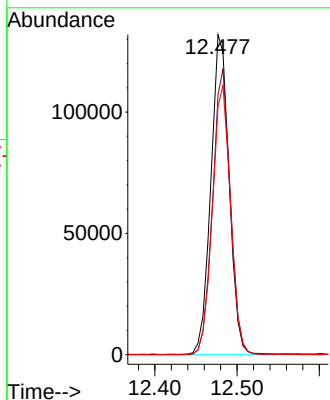
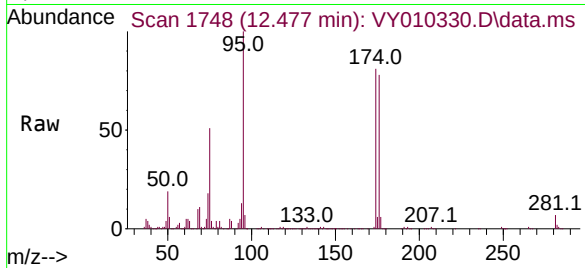




#62
4-Bromofluorobenzene
Concen: 47.153 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

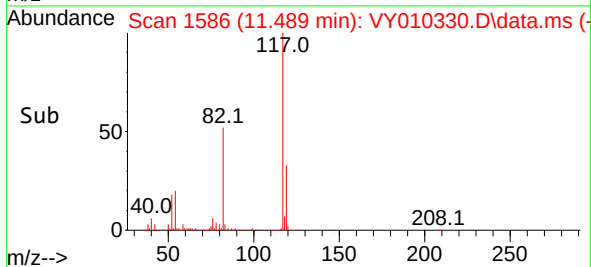
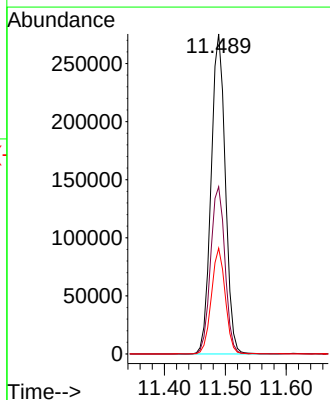
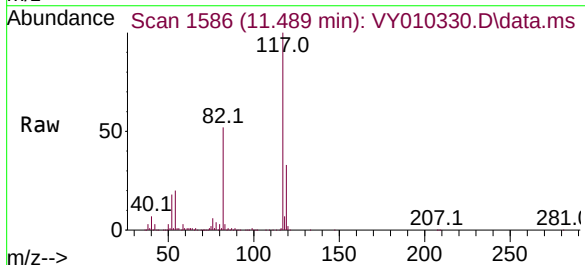
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

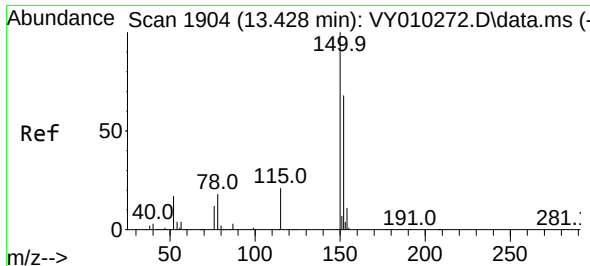
Tgt Ion: 95 Resp: 202576
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion: 117 Resp: 446102
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 33.0 25.4 38.0

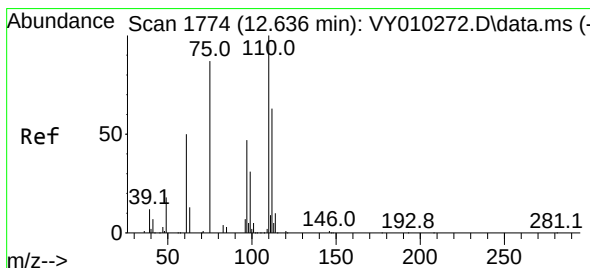
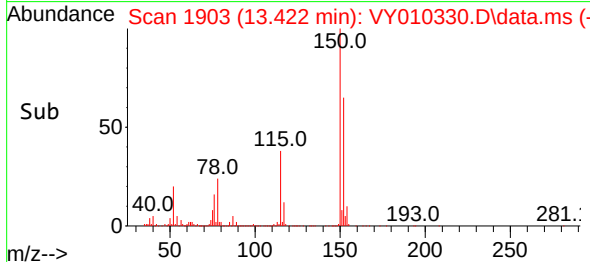
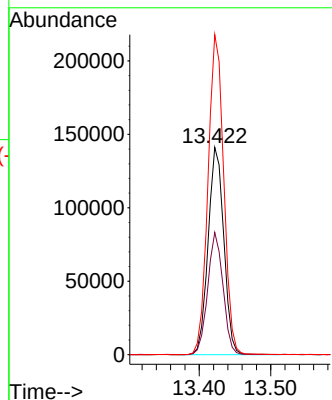
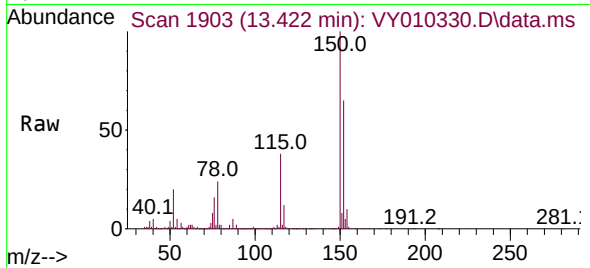




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010330.D
 Acq: 03 Sep 2022 19:06

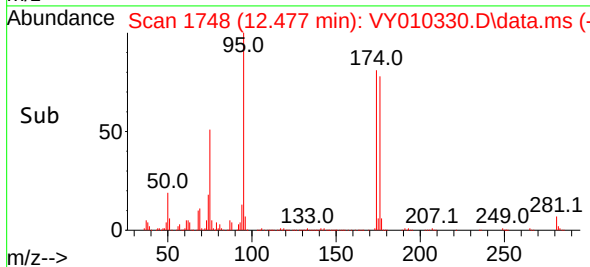
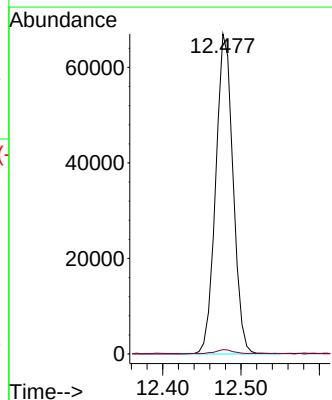
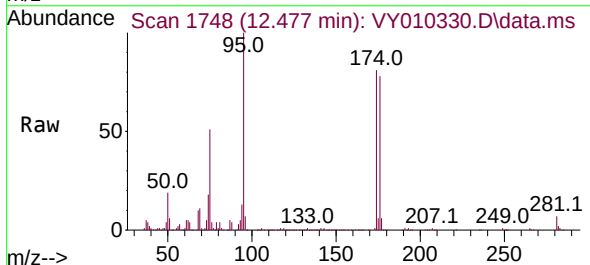
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-7.5-8.0

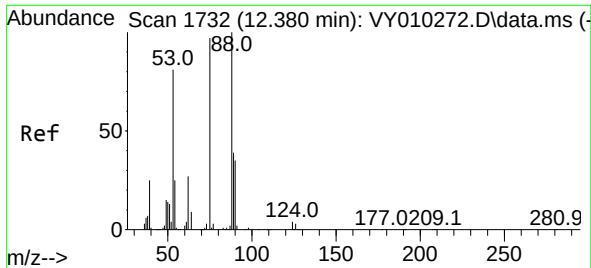
Tgt Ion:152 Resp: 215026
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 154.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.363 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY010330.D
 Acq: 03 Sep 2022 19:06

Tgt Ion: 75 Resp: 103286
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.203 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010330.D
 Acq: 03 Sep 2022 19:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-7.5-8.0

Tgt Ion: 75 Resp: 103286
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 0.1 37.0 55.4#

