

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006952.D
 Acq On : 04 Dec 2021 19:05
 Operator : SY/MD
 Sample : M4884-22
 Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K6

Quant Time: Dec 05 06:09:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

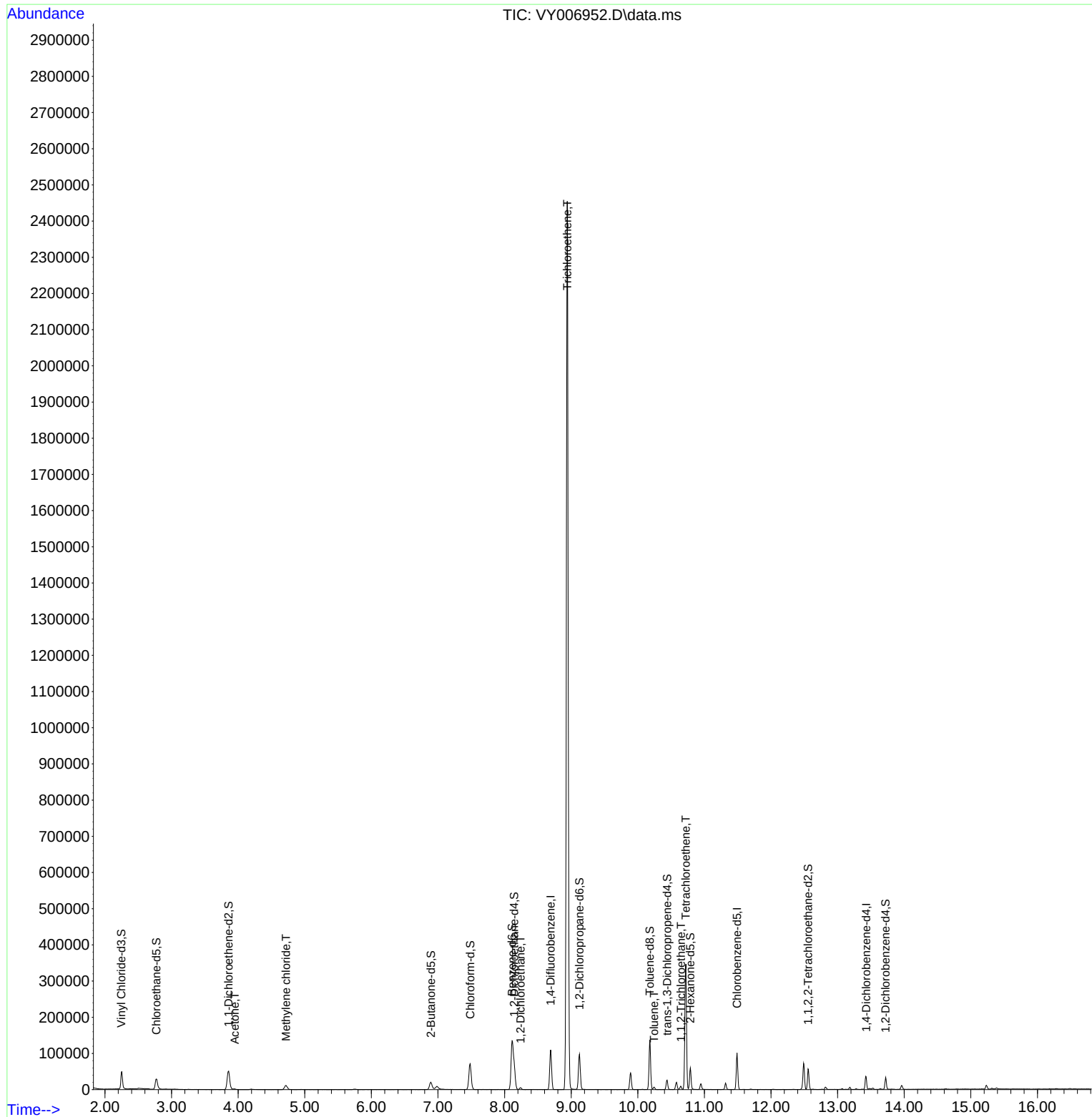
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	85641	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	48877	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	9090	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	51772	46.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 187.760%#	
7) Chloroethane-d5	2.772	69	37146	42.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 171.720%#	
11) 1,1-Dichloroethene-d2	3.857	63	52496	22.894	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 91.560%	
21) 2-Butanone-d5	6.893	46	36834	86.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 172.920%#	
24) Chloroform-d	7.484	84	68515	32.102	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 128.400%	
26) 1,2-Dichloroethane-d4	8.143	65	43193	33.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 134.880%#	
32) Benzene-d6	8.112	84	125061	48.169	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 192.680%#	
36) 1,2-Dichloropropane-d6	9.124	67	45207	55.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 221.680%#	
41) Toluene-d8	10.179	98	82178	33.794	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 135.160%#	
43) trans-1,3-Dichloroprop...	10.441	79	13837	35.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 140.280%#	
47) 2-Hexanone-d5	10.788	63	18277	96.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 193.620%#	
56) 1,1,2,2-Tetrachloroeth...	12.556	84	27772	40.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 163.440%#	
66) 1,2-Dichlorobenzene-d4	13.721	152	7580	25.571	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.280%	
Target Compounds						
						Qvalue
13) Acetone	3.948	43	2963	7.589	ug/L	74
16) Methylene chloride	4.716	84	7165	4.665	ug/L	84
27) 1,2-Dichloroethane	8.240	62	4313	2.542	ug/L #	89
34) Trichloroethene	8.941	95	782623	966.932	ug/L	93
42) Toluene	10.246	91	4787	1.365	ug/L	95
45) 1,1,2-Trichloroethane	10.648	97	2667	4.297	ug/L	94
46) Tetrachloroethene	10.721	164	72751	107.284	ug/L	98

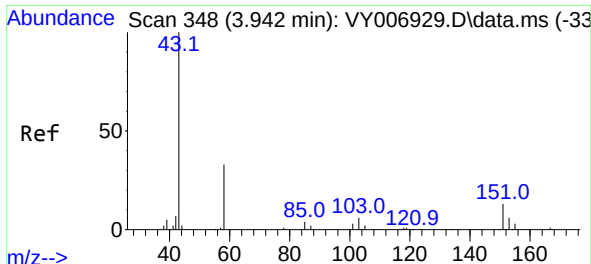
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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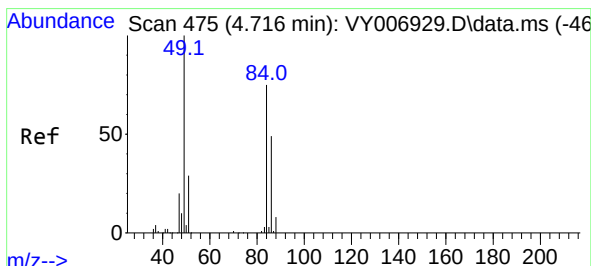
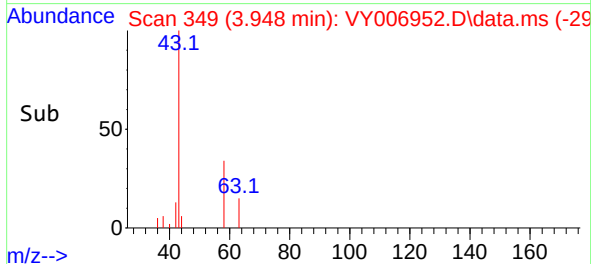
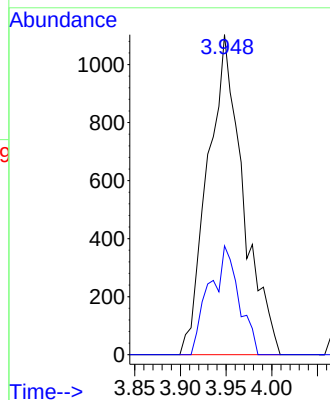
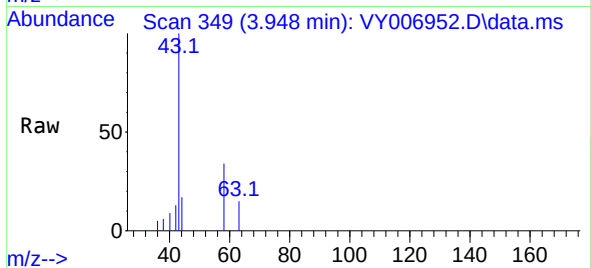




#13
Acetone
Concen: 7.589 ug/L
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY006952.D
Acq: 04 Dec 2021 19:05

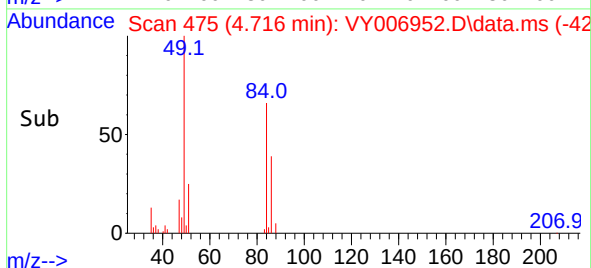
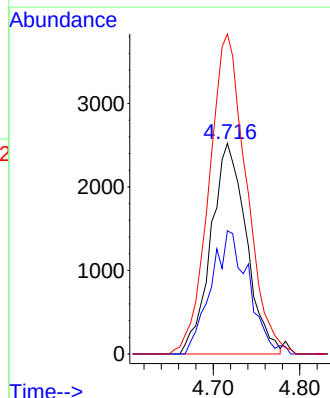
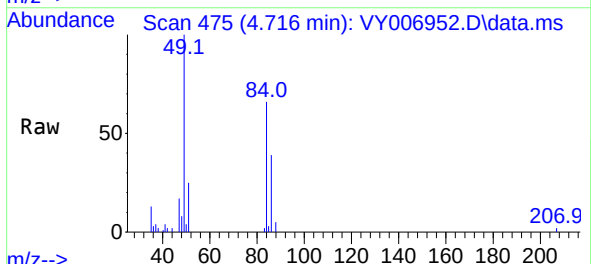
Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

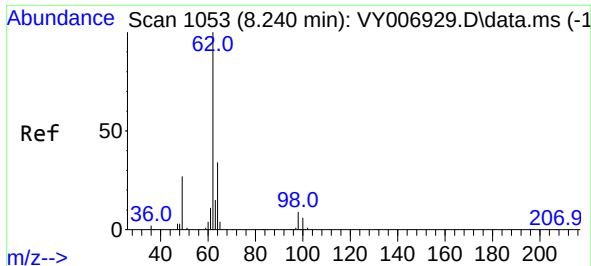
Tgt Ion: 43 Resp: 2963
Ion Ratio Lower Upper
43 100
58 16.2 0.0 60.8



#16
Methylene chloride
Concen: 4.665 ug/L
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY006952.D
Acq: 04 Dec 2021 19:05

Tgt Ion: 84 Resp: 7165
Ion Ratio Lower Upper
84 100
86 58.5 43.4 80.6
49 152.0 89.1 165.5

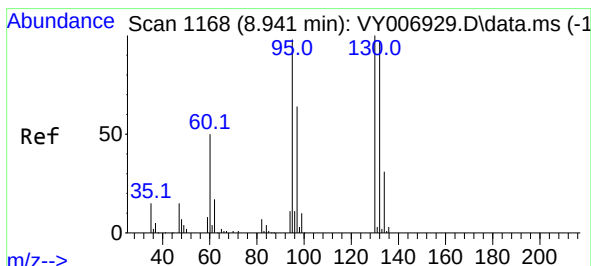
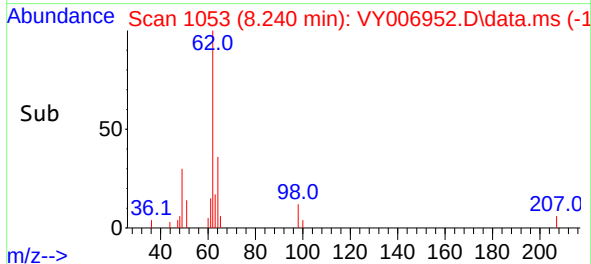
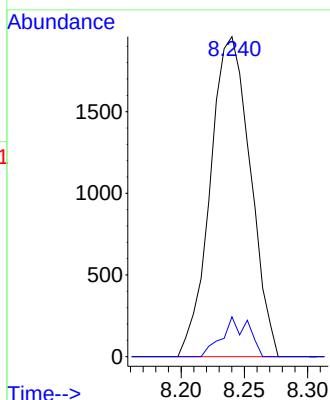
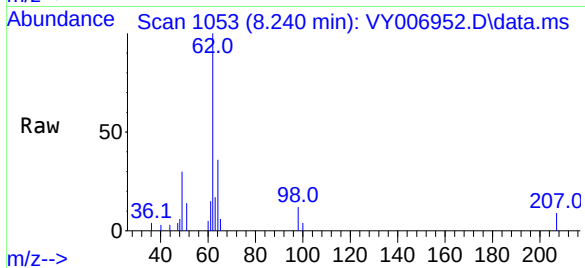




#27
1,2-Dichloroethane
Concen: 2.542 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006952.D
Acq: 04 Dec 2021 19:05

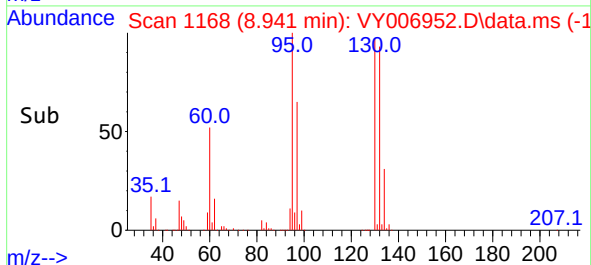
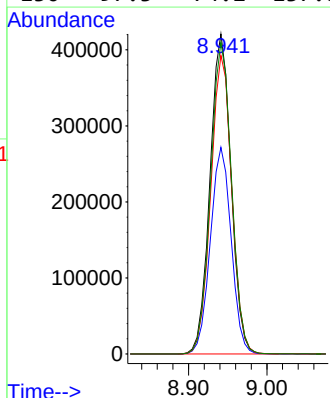
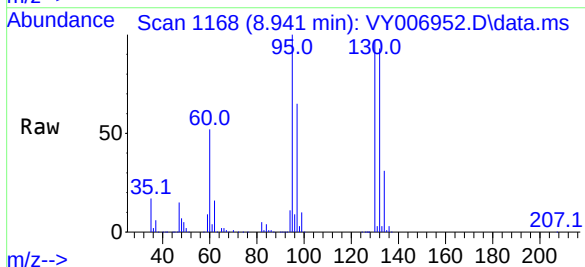
Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

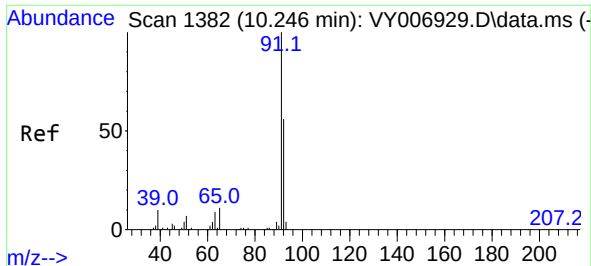
Tgt Ion: 62 Resp: 4313
Ion Ratio Lower Upper
62 100
98 12.5 6.9 10.3#



#34
Trichloroethene
Concen: 966.932 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006952.D
Acq: 04 Dec 2021 19:05

Tgt Ion: 95 Resp: 782623
Ion Ratio Lower Upper
95 100
97 64.5 47.3 87.8
132 93.3 71.3 132.5
130 97.3 74.2 137.8

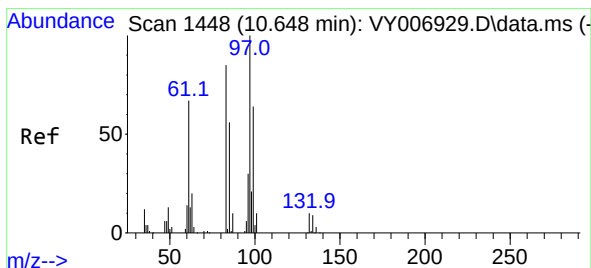
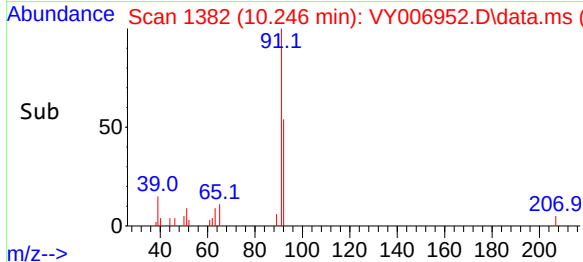
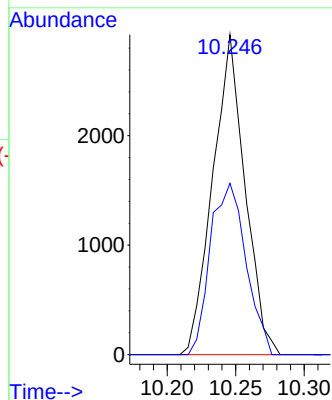
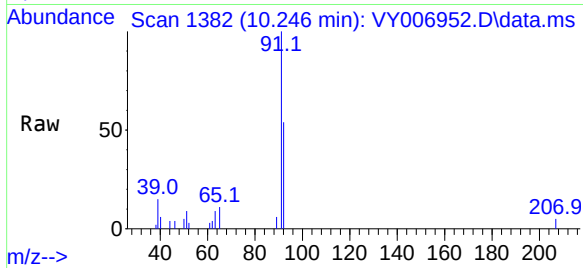




#42
Toluene
Concen: 1.365 ug/L
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006952.D
Acq: 04 Dec 2021 19:05

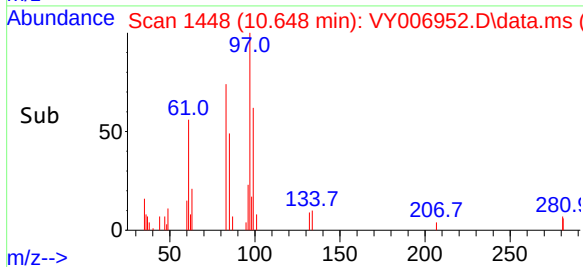
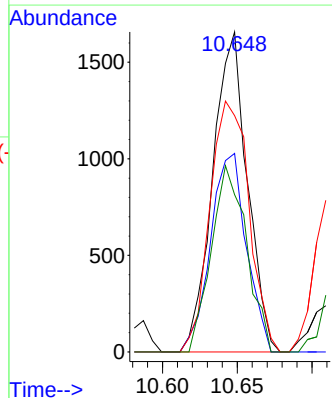
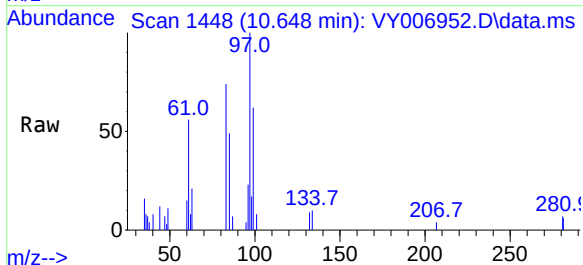
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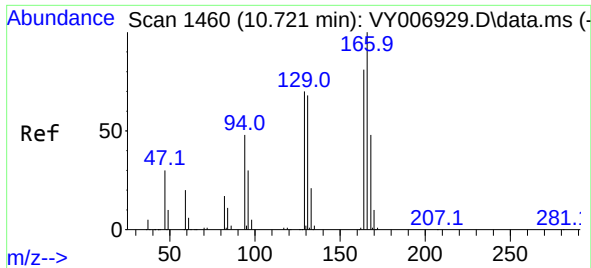
Tgt Ion: 91 Resp: 4787
Ion Ratio Lower Upper
91 100
92 53.5 39.8 74.0



#45
1,1,2-Trichloroethane
Concen: 4.297 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY006952.D
Acq: 04 Dec 2021 19:05

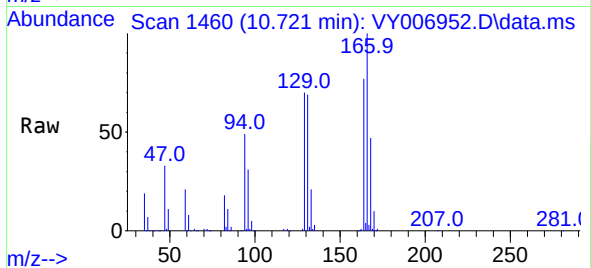
Tgt Ion: 97 Resp: 2667
Ion Ratio Lower Upper
97 100
99 62.0 43.0 79.8
83 73.9 58.9 109.3
85 49.1 36.3 67.3





#46
 Tetrachloroethene
 Concen: 107.284 ug/L
 RT: 10.721 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VY006952.D
 Acq: 04 Dec 2021 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K6



Tgt Ion:164 Resp: 72751

Ion	Ratio	Lower	Upper
164	100		
129	90.9	62.1	115.3
131	90.4	61.0	113.2
166	130.2	90.4	168.0

