

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006944.D
 Acq On : 04 Dec 2021 16:09
 Operator : SY/MD
 Sample : M4884-14
 Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/14/2021

Quant Time: Dec 05 06:08:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM120321SMA.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	114824	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	74919	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	17464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	45843	30.999	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.000%			
7) Chloroethane-d5	2.765	69	32294	27.838	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.360%			
11) 1,1-Dichloroethene-d2	3.850	63	47146	15.335	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.320%			
21) 2-Butanone-d5	6.892	46	39420	69.014	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.020%#			
24) Chloroform-d	7.484	84	64892	22.677	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.720%			
26) 1,2-Dichloroethane-d4	8.142	65	43126	25.108	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.440%			
32) Benzene-d6	8.112	84	126719	31.842	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 127.360%			
36) 1,2-Dichloropropane-d6	9.124	67	42959	34.356	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 137.440%#			
41) Toluene-d8	10.178	98	86737	23.270	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.080%			
43) trans-1,3-Dichloroprop...	10.435	79	14941	24.704	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.800%			
47) 2-Hexanone-d5	10.788	63	19676	67.990	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.980%#			
56) 1,1,2,2-Tetrachloroeth...	12.562	84	29597	28.411	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.640%			
66) 1,2-Dichlorobenzene-d4	13.720	152	11696	20.537	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.160%			
Target Compounds					Qvalue	
13) Acetone	3.936	43	2052m	3.920	ug/L	
27) 1,2-Dichloroethane	8.240	62	4556	2.003	ug/L	97
34) Trichloroethene	8.941	95	837212	674.825	ug/L	94
42) Toluene	10.239	91	6280	1.169	ug/L	93
45) 1,1,2-Trichloroethane	10.648	97	17558	18.457	ug/L	93
46) Tetrachloroethene	10.721	164	2743	2.639	ug/L	94

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

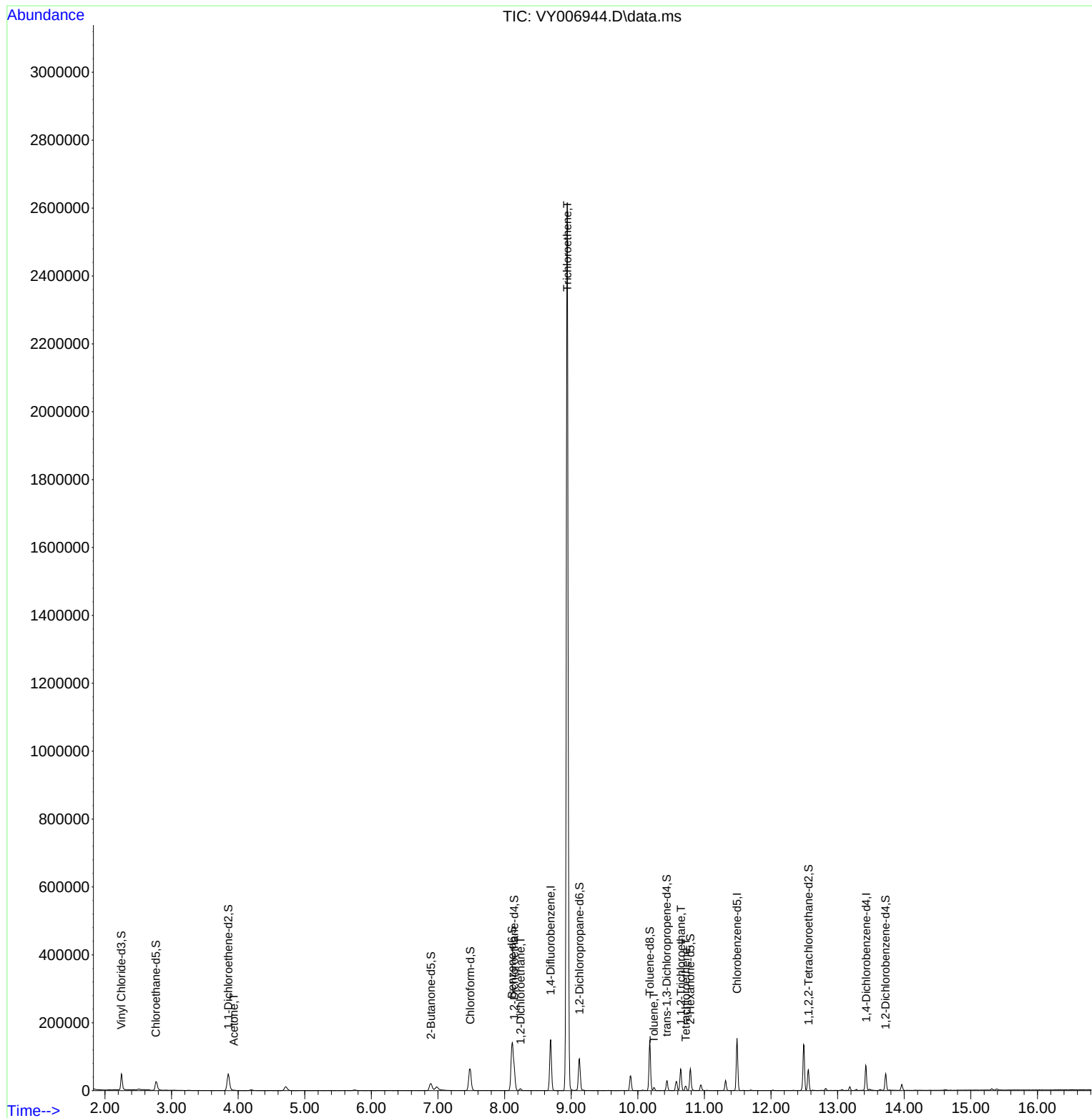
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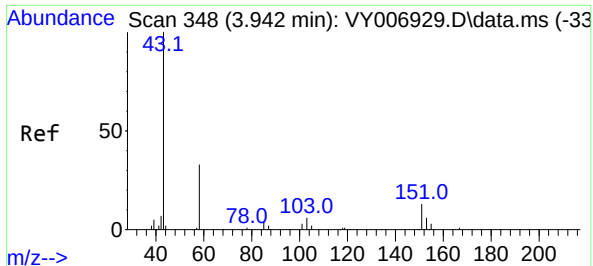
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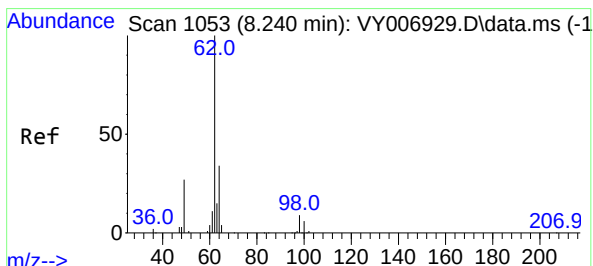
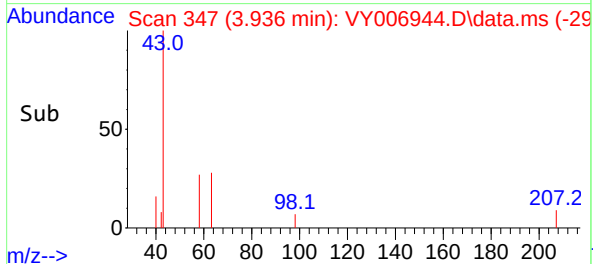
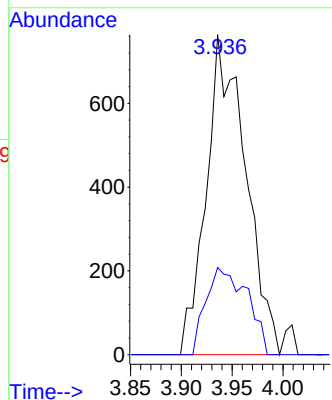
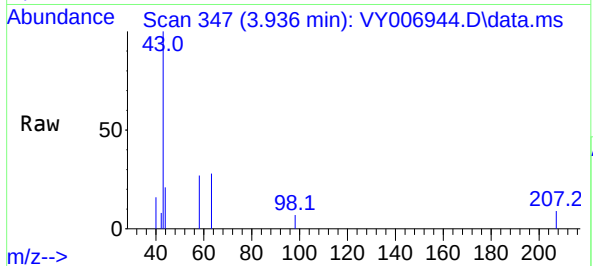
#13
Acetone
Concen: 3.920 ug/L m
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
58 19.8 0.0 60.8

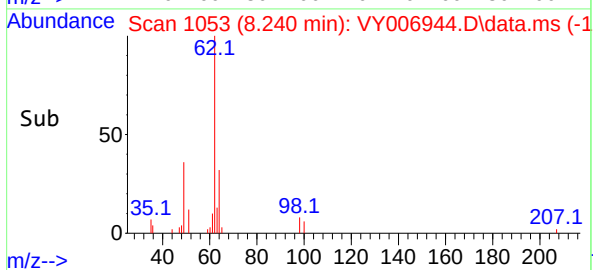
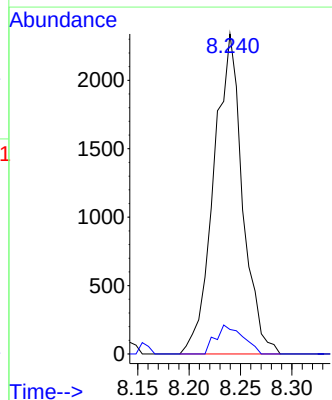
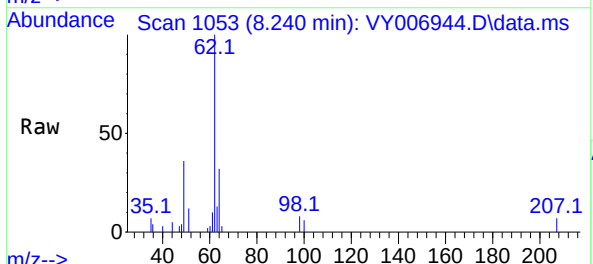
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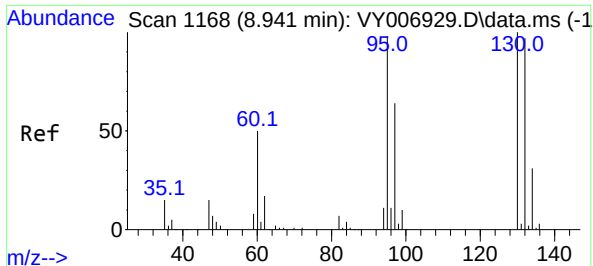
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#27
1,2-Dichloroethane
Concen: 2.003 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09

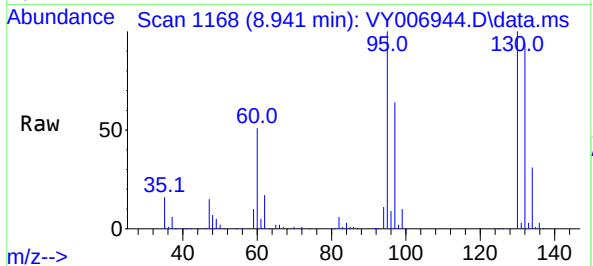
Tgt Ion: 62 Resp: 4556
Ion Ratio Lower Upper
62 100
98 7.7 6.9 10.3





#34
Trichloroethene
Concen: 674.825 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09

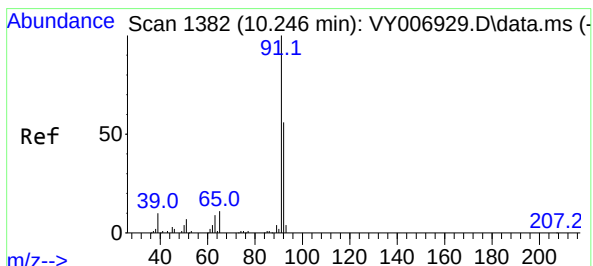
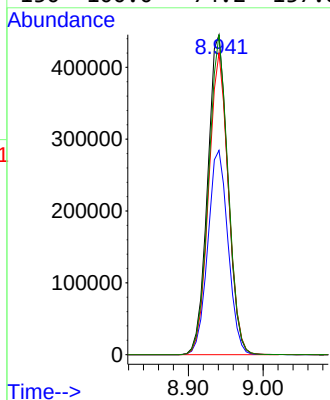
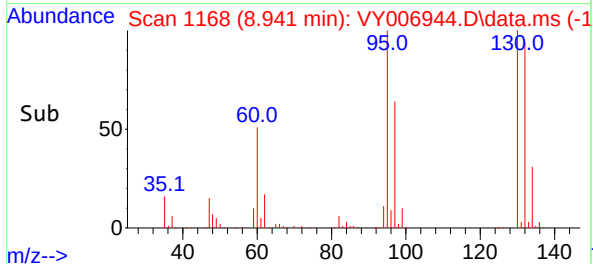
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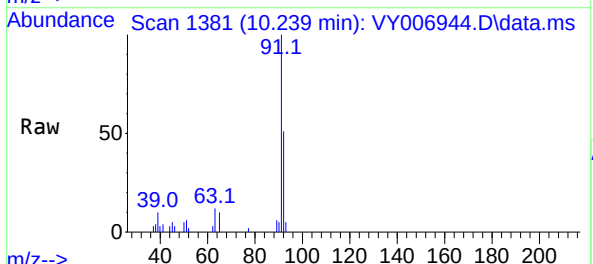
Tgt Ion: 95 Resp: 83721
Ion Ratio Lower Upper
95 100
97 63.8 47.3 87.8
132 94.4 71.3 132.5
130 100.0 74.2 137.8

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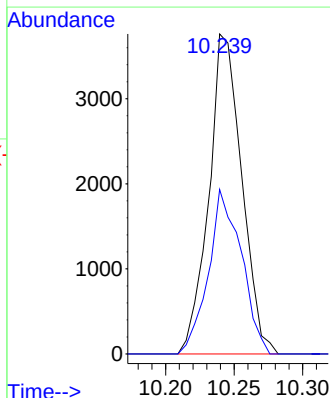
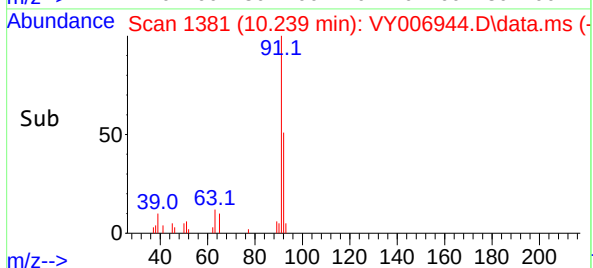
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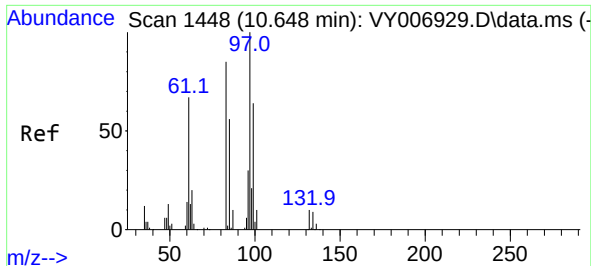


#42
Toluene
Concen: 1.169 ug/L
RT: 10.239 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09



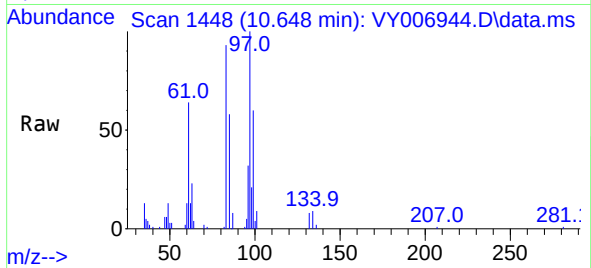
Tgt Ion: 91 Resp: 6280
Ion Ratio Lower Upper
91 100
92 51.4 39.8 74.0





#45
1,1,2-Trichloroethane
Concen: 18.457 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09

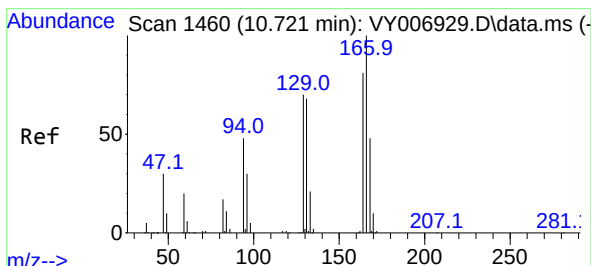
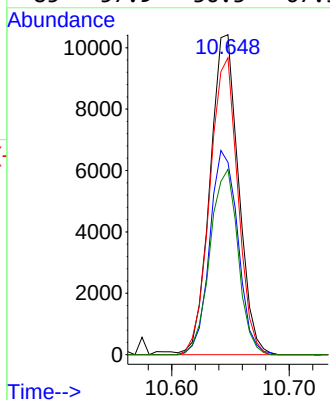
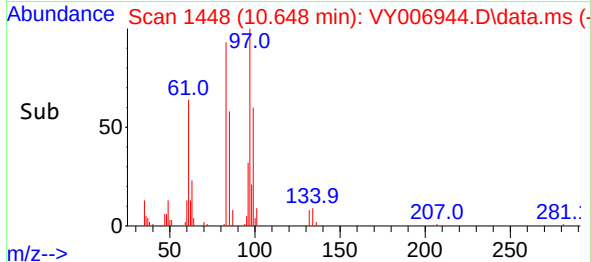
Instrument :
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ClientSampleId :
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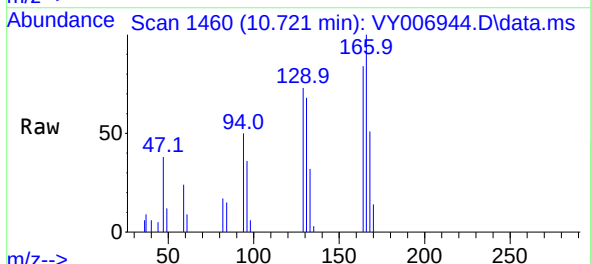
Tgt Ion: 97 Resp: 1755
Ion Ratio Lower Upper
97 100
99 60.1 43.0 79.8
83 92.8 58.9 109.3
85 57.9 36.3 67.3

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#46
Tetrachloroethene
Concen: 2.639 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006944.D
Acq: 04 Dec 2021 16:09



Tgt Ion:164 Resp: 2743
Ion Ratio Lower Upper
164 100
129 86.9 62.1 115.3
131 81.5 61.0 113.2
166 119.4 90.4 168.0

