

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006968.D
 Acq On : 06 Dec 2021 18:03
 Operator : SY/MD
 Sample : M4887-14
 Misc : 3.73g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8C8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
 Supervised By :Mahesh Dadoda 12/14/2021

Quant Time: Dec 07 00:48:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	50758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	23840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	3476	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.241	65	35050	53.616	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	= 214.480%#		
7) Chloroethane-d5	2.766	69	21688	42.292	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 169.160%#		
11) 1,1-Dichloroethene-d2	3.851	63	29931	22.024	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 88.080%		
21) 2-Butanone-d5	6.881	46	647m	2.562	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 5.120%#		
24) Chloroform-d	7.472	84	34345	27.151	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 108.600%		
26) 1,2-Dichloroethane-d4	8.143	65	19726	25.980	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 103.920%		
32) Benzene-d6	8.106	84	58802	46.434	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 185.720%#		
36) 1,2-Dichloropropane-d6	9.118	67	21826	54.855	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 219.400%#		
41) Toluene-d8	10.179	98	38040	32.072	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 128.280%		
43) trans-1,3-Dichloroprop...	10.435	79	3351	17.412	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 69.640%		
47) 2-Hexanone-d5	10.782	63	494	5.364	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 10.720%#		
56) 1,1,2,2-Tetrachloroeth...	12.556	84	12338	37.220	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 148.880%#		
66) 1,2-Dichlorobenzene-d4	13.721	152	3105	27.392	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 109.560%		
Target Compounds						Qvalue
13) Acetone	3.942	43	1417m	6.124	ug/L	
16) Methylene chloride	4.710	84	5345	5.872	ug/L	88
34) Trichloroethene	8.935	95	220019	557.317	ug/L	92
42) Toluene	10.240	91	1367	0.799	ug/L	92
45) 1,1,2-Trichloroethane	10.642	97	1679	5.547	ug/L #	86
46) Tetrachloroethene	10.715	164	2498	7.552	ug/L	87

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

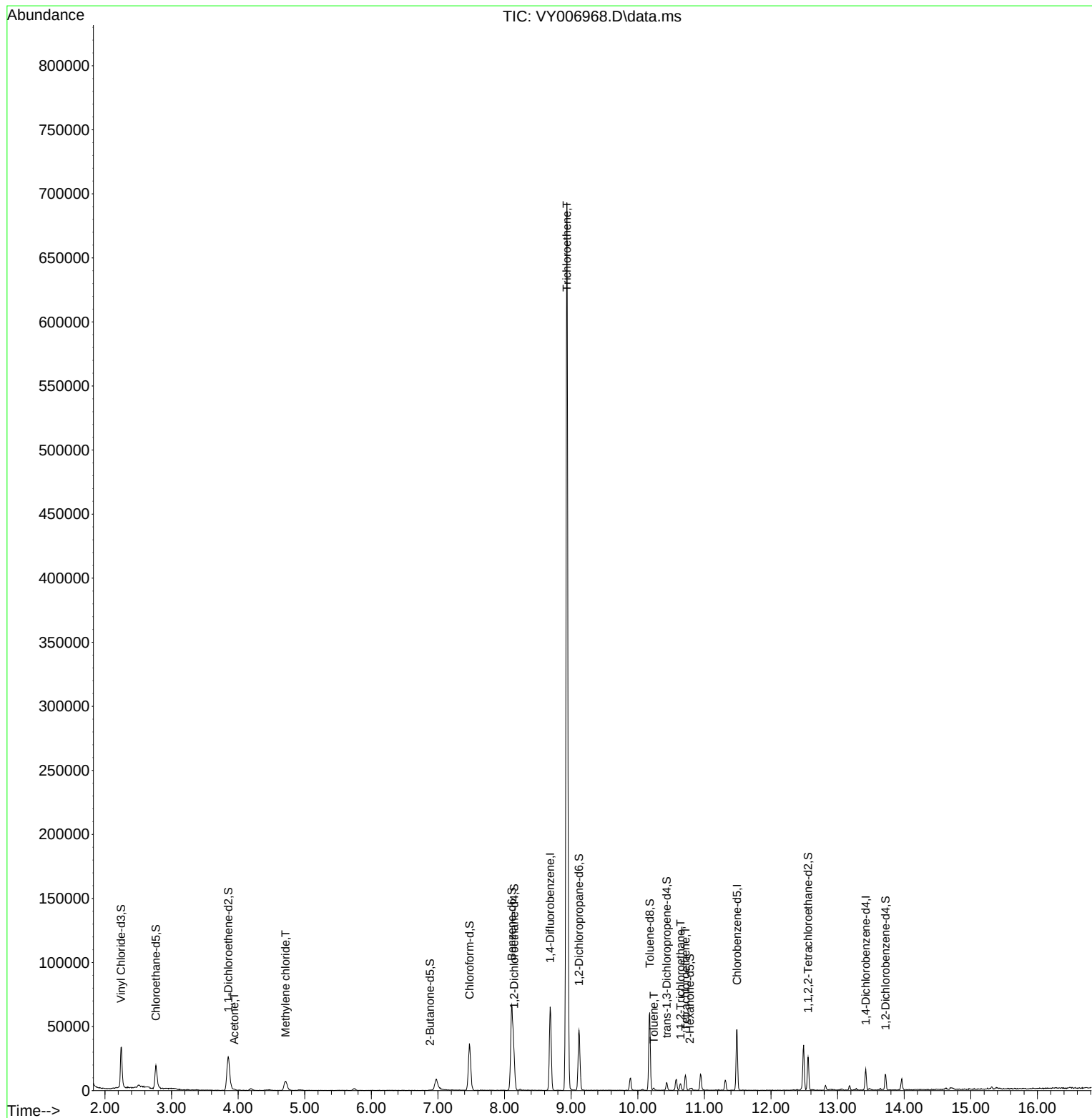
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006968.D
Acq On : 06 Dec 2021 18:03
Operator : SY/MD
Sample : M4887-14
Misc : 3.73g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

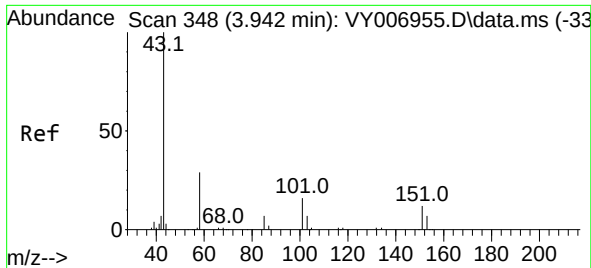
Instrument :
MSVOA_Y
ClientSampleId :
EX8C8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

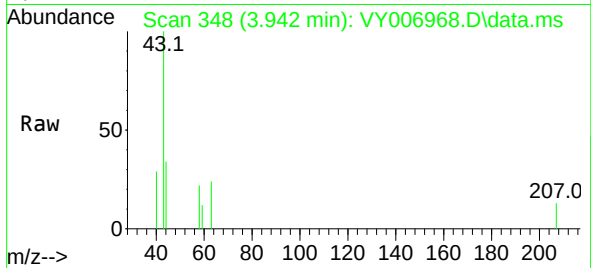
Quant Time: Dec 07 00:48:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 07 00:43:47 2021
Response via : Initial Calibration





#13
Acetone
Concen: 6.124 ug/L m
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

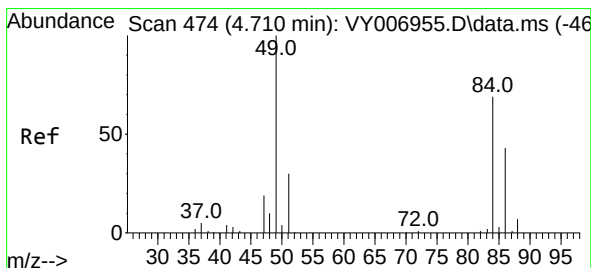
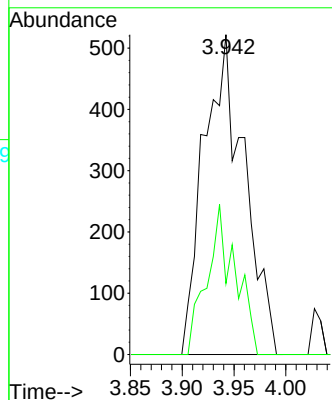
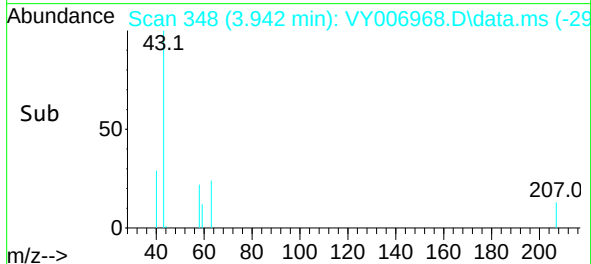
Instrument :
MSVOA_Y
ClientSampleId :
EX8C8



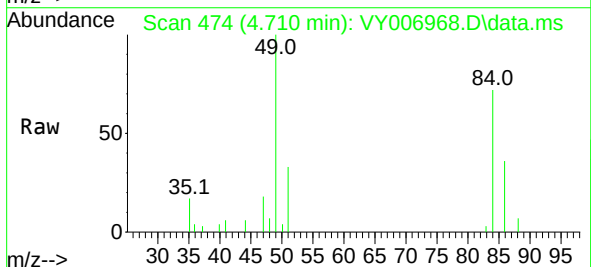
Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
58 32.9 0.0 60.8

Manual Integrations
APPROVED

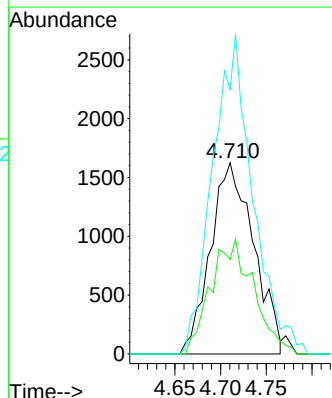
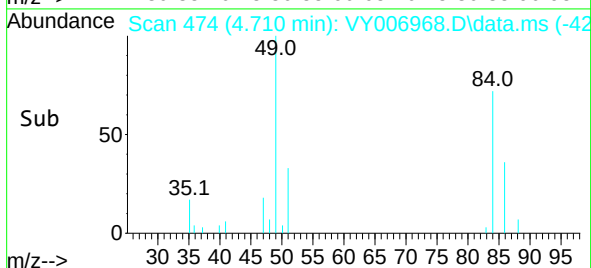
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

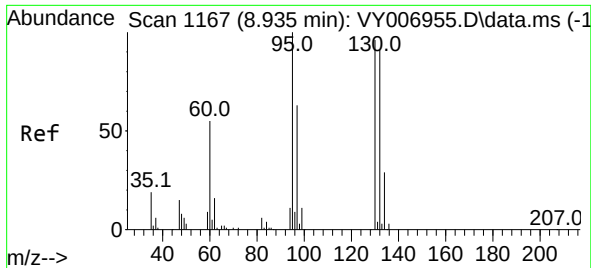


#16
Methylene chloride
Concen: 5.872 ug/L
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03



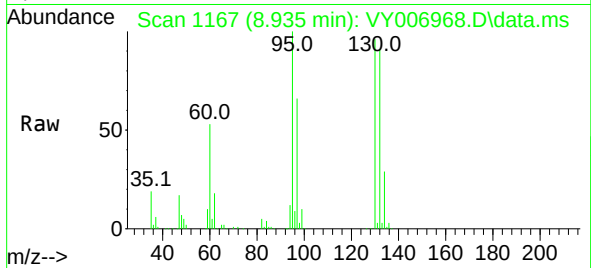
Tgt Ion: 84 Resp: 5345
Ion Ratio Lower Upper
84 100
86 49.5 43.4 80.6
49 138.4 89.1 165.5





#34
Trichloroethene
Concen: 557.317 ug/L
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

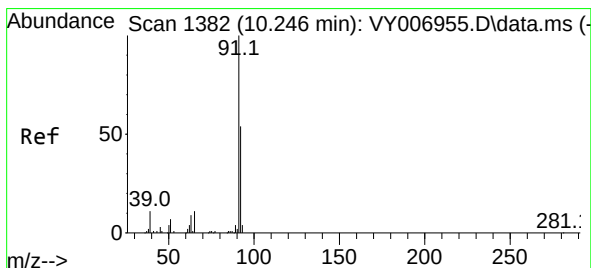
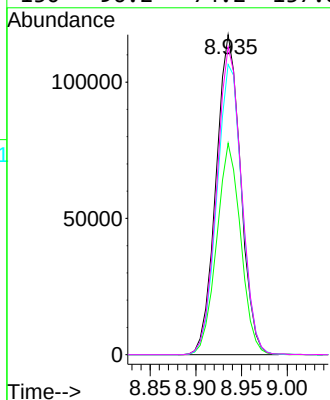
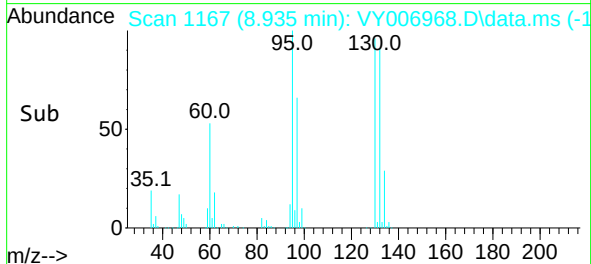
Instrument :
MSVOA_Y
ClientSampleId :
EX8C8



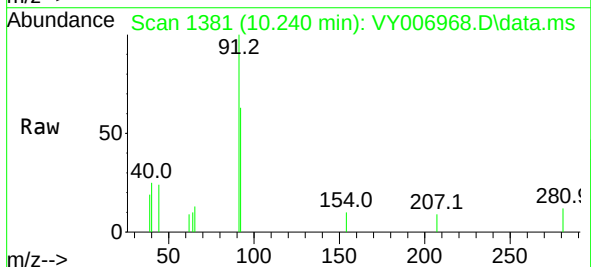
Tgt Ion: 95 Resp: 220019
Ion Ratio Lower Upper
95 100
97 66.0 47.3 87.8
132 90.7 71.3 132.5
130 96.2 74.2 137.8

Manual Integrations
APPROVED

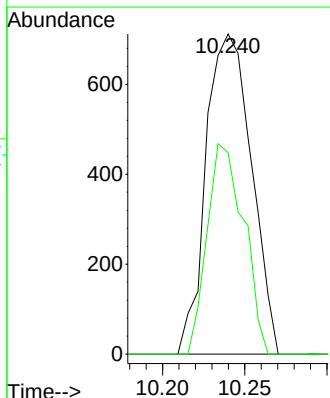
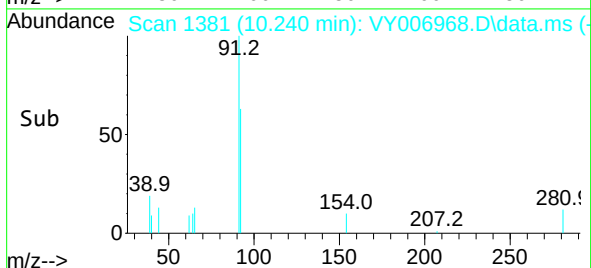
Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

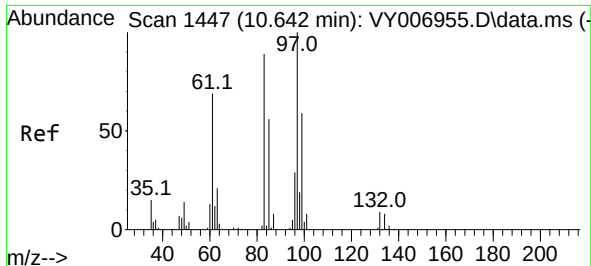


#42
Toluene
Concen: 0.799 ug/L
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03



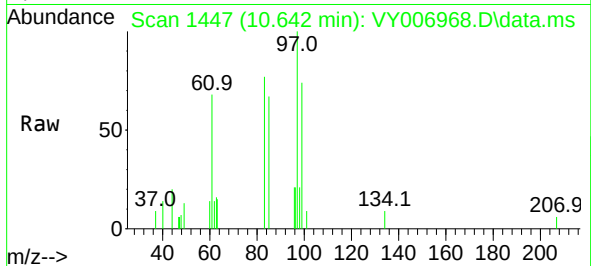
Tgt Ion: 91 Resp: 1367
Ion Ratio Lower Upper
91 100
92 62.9 39.8 74.0





#45
1,1,2-Trichloroethane
Concen: 5.547 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03

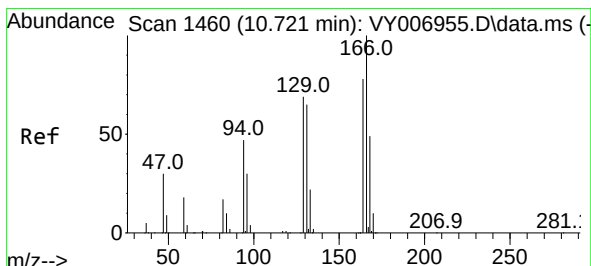
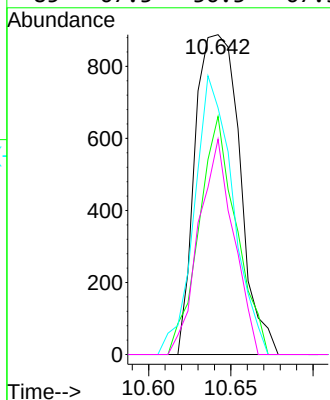
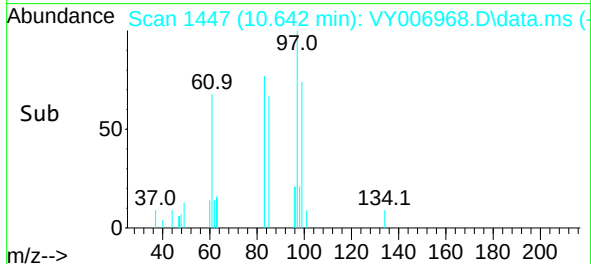
Instrument :
MSVOA_Y
ClientSampleId :
EX8C8



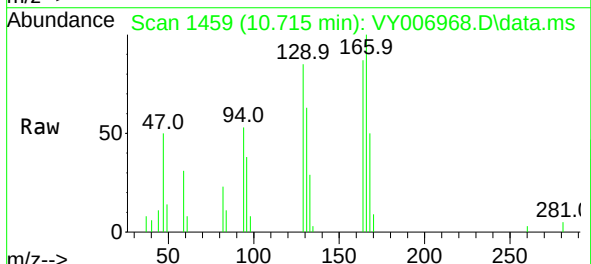
Tgt Ion	Ratio	Lower	Upper
97	100		
99	74.4	43.0	79.8
83	77.1	58.9	109.3
85	67.3	36.3	67.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#46
Tetrachloroethene
Concen: 7.552 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006968.D
Acq: 06 Dec 2021 18:03



Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.3	62.1	115.3
131	72.5	61.0	113.2
166	115.1	90.4	168.0

