

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006960.D
 Acq On : 06 Dec 2021 15:07
 Operator : SY/MD
 Sample : M4887-03
 Misc : 5.91g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8A0

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 00:47:04 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	8.691	114	97288	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	63545	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	21439	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	39413	31.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.840%
7) Chloroethane-d5	2.765	69	28120	28.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.440%
11) 1,1-Dichloroethene-d2	3.850	63	48436	18.594	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.360%
21) 2-Butanone-d5	6.887	46	14299	29.546	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.100%
24) Chloroform-d	7.472	84	52228	21.541	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.160%
26) 1,2-Dichloroethane-d4	8.142	65	35747	24.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.112	84	95209	28.206	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.840%
36) 1,2-Dichloropropane-d6	9.118	67	34635	32.657	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.640%#
41) Toluene-d8	10.179	98	72026	22.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	10.435	79	12094	23.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.320%
47) 2-Hexanone-d5	10.782	63	8412	34.270	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.540%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	30509	34.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.120%#
66) 1,2-Dichlorobenzene-d4	13.721	152	11207	16.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.120%#
Target Compounds						Qvalue
13) Acetone	3.942	43	2401m	5.413	ug/L	
27) 1,2-Dichloroethane	8.240	62	1707	0.886	ug/L	99
34) Trichloroethene	8.941	95	1557	1.480	ug/L	# 71
46) Tetrachloroethene	10.715	164	154613	175.374	ug/L	97

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

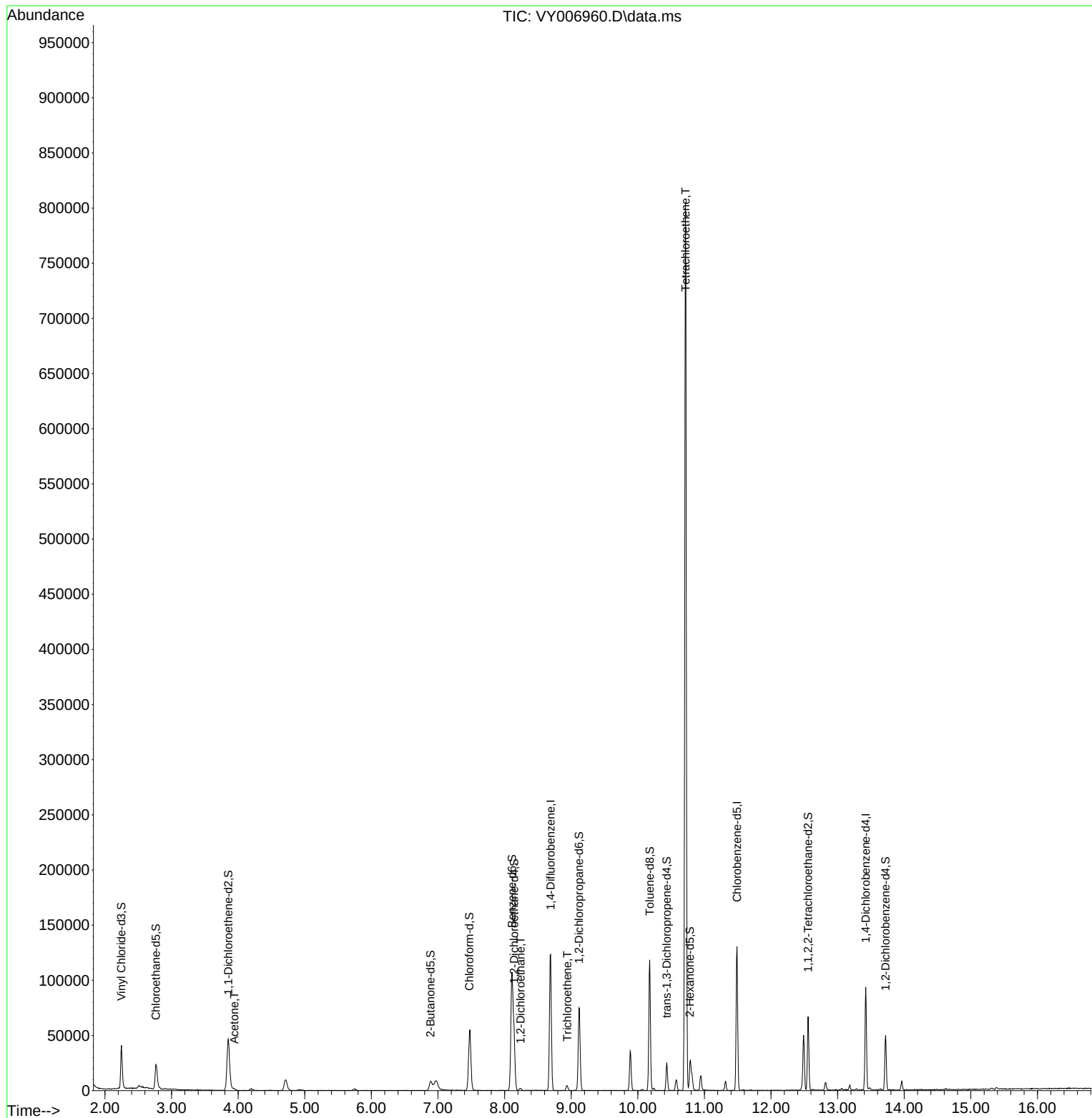
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
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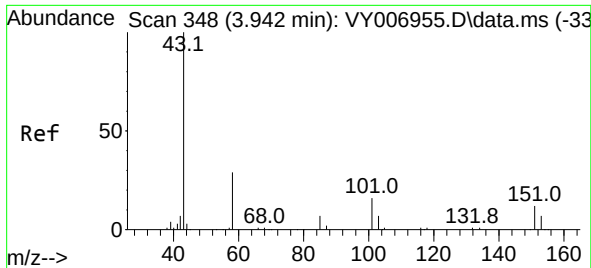
Instrument :
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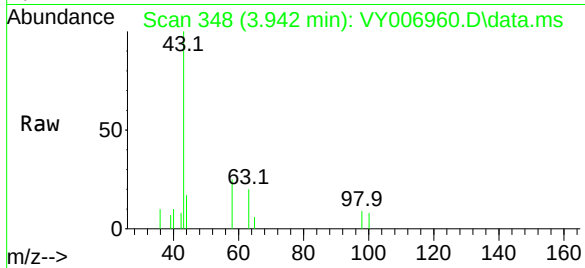
Quant Time: Dec 07 00:47:04 2021
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Quant Title : VOC Analysis
QLast Update : Tue Dec 07 00:43:47 2021
Response via : Initial Calibration





#13
Acetone
Concen: 5.413 ug/L m
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07

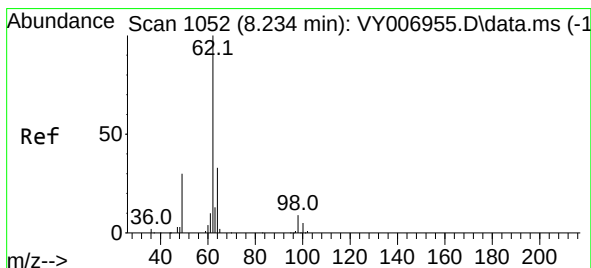
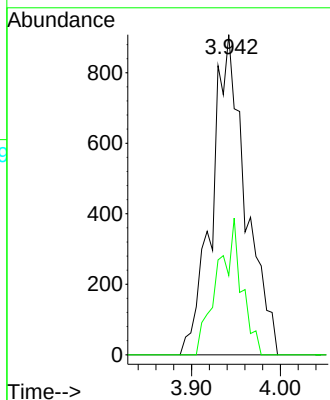
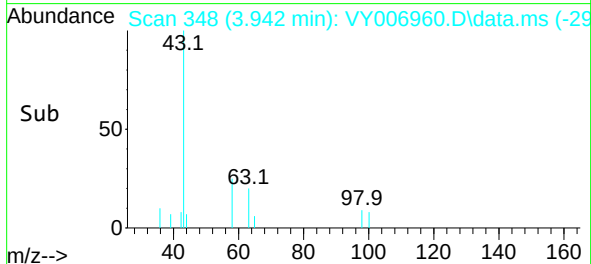
Instrument :
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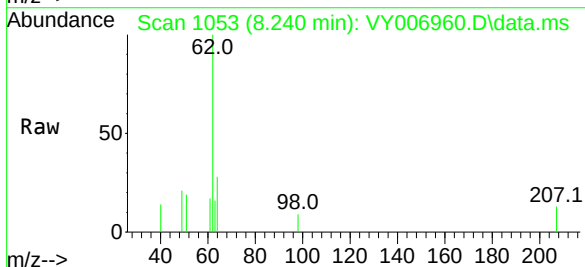
Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
58 13.4 0.0 60.8

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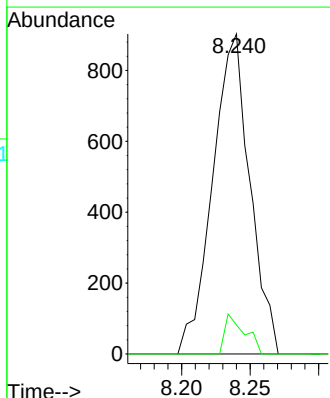
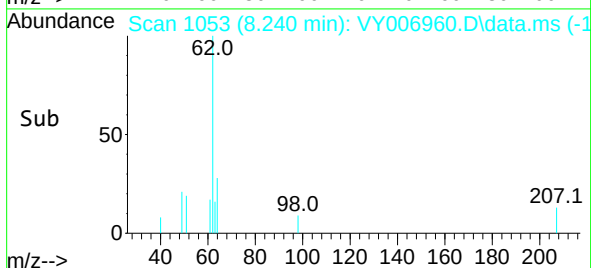
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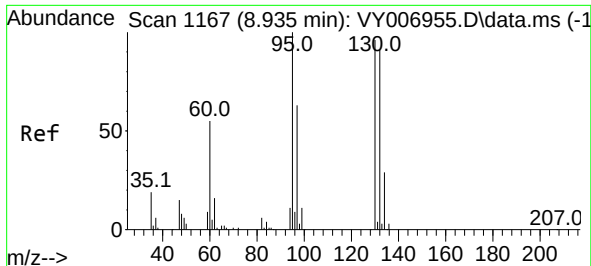


#27
1,2-Dichloroethane
Concen: 0.886 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07



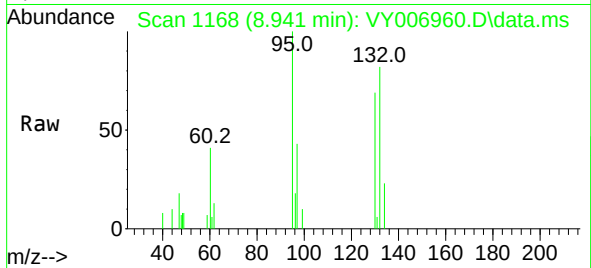
Tgt Ion: 62 Resp: 1707
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3





#34
Trichloroethene
Concen: 1.480 ug/L
RT: 8.941 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07

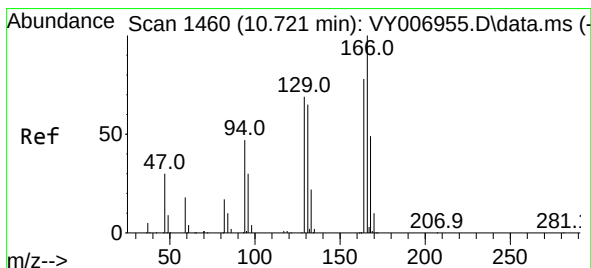
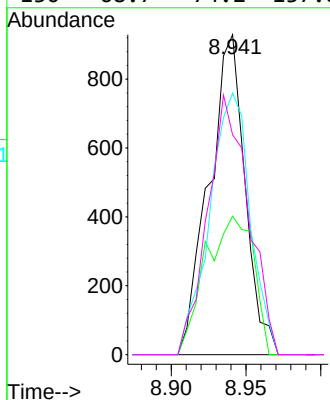
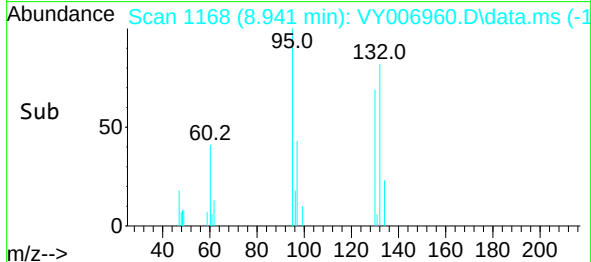
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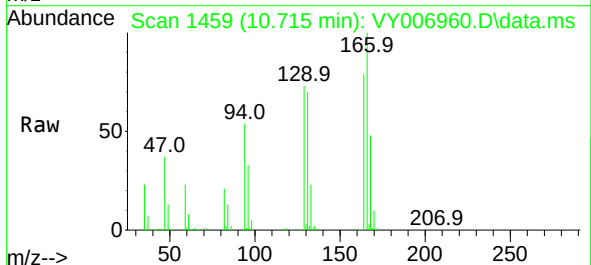
Tgt Ion: 95 Resp: 155
Ion Ratio Lower Upper
95 100
97 43.3 47.3 87.8
132 81.8 71.3 132.5
130 68.7 74.2 137.8#

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#46
Tetrachloroethene
Concen: 175.374 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006960.D
Acq: 06 Dec 2021 15:07



Tgt Ion:164 Resp: 154613
Ion Ratio Lower Upper
164 100
129 92.8 62.1 115.3
131 88.5 61.0 113.2
166 126.4 90.4 168.0

