

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006970.D
 Acq On : 06 Dec 2021 18:47
 Operator : SY/MD
 Sample : M4887-16
 Misc : 5.65g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D0

Quant Time: Dec 07 00:49:02 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

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

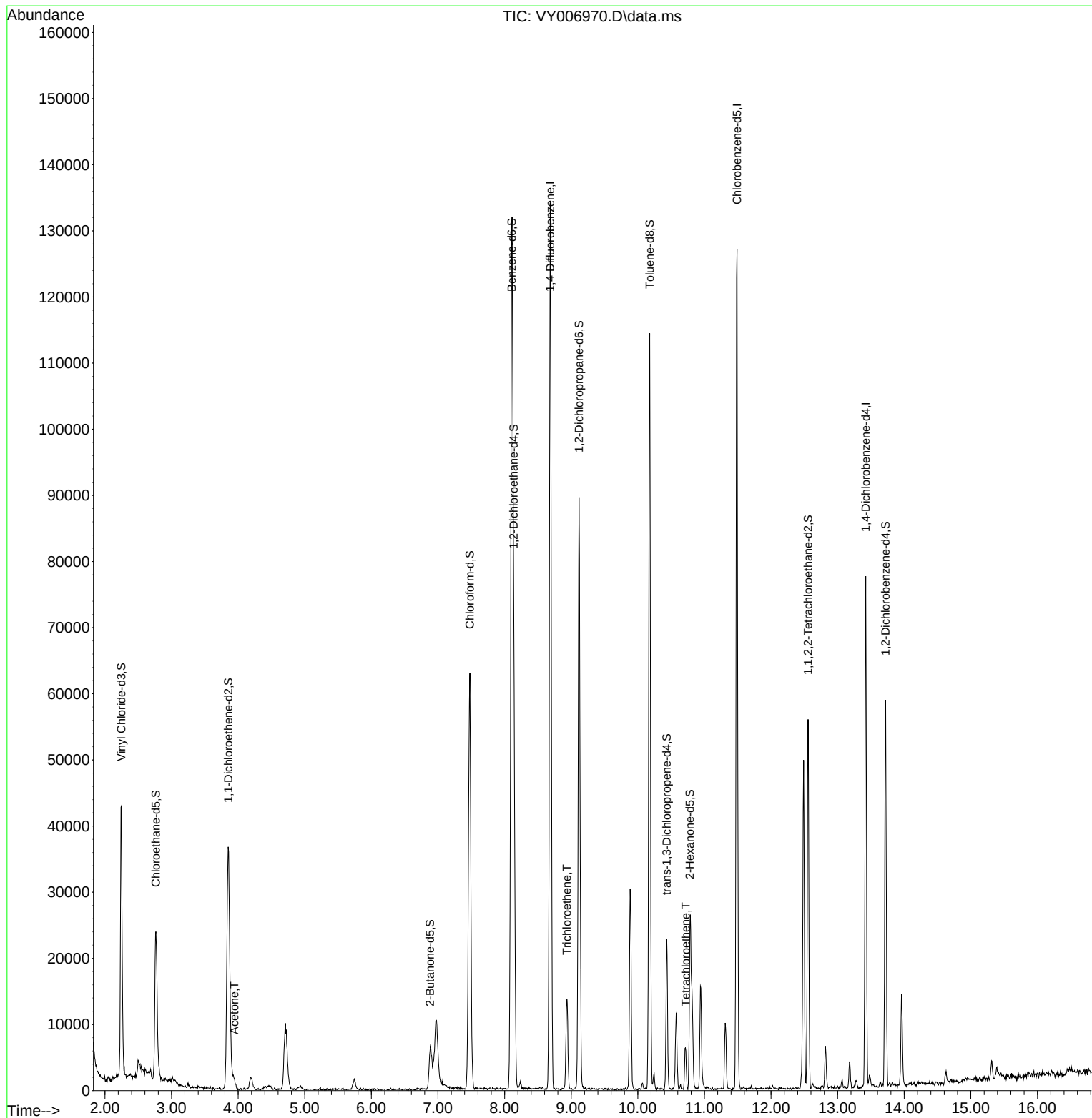
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	105428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	62432	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	16902	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	43372	31.942	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 127.760%		
7) Chloroethane-d5	2.765	69	30052	28.214	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 112.840%		
11) 1,1-Dichloroethene-d2	3.851	63	41435	14.679	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 58.720%		
21) 2-Butanone-d5	6.880	46	11780	22.462	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 44.920%		
24) Chloroform-d	7.478	84	60393	22.986	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 91.960%		
26) 1,2-Dichloroethane-d4	8.136	65	40839	25.895	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 103.600%		
32) Benzene-d6	8.106	84	110558	33.337	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 133.360%		
36) 1,2-Dichloropropane-d6	9.118	67	39863	38.257	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 153.040%#		
41) Toluene-d8	10.179	98	71962	23.168	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 92.680%		
43) trans-1,3-Dichloroprop...	10.435	79	11228	22.278	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 89.120%		
47) 2-Hexanone-d5	10.782	63	7471	30.979	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 61.960%		
56) 1,1,2,2-Tetrachloroeth...	12.556	84	26452	30.471	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 121.880%#		
66) 1,2-Dichlorobenzene-d4	13.721	152	13436	24.377	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 97.520%		
Target Compounds						Qvalue
13) Acetone	3.942	43	2211	4.600	ug/L	77
34) Trichloroethene	8.935	95	4686	4.533	ug/L	94
46) Tetrachloroethene	10.721	164	1325	1.530	ug/L	86

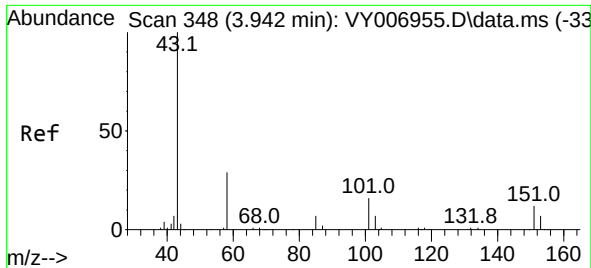
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.600 ug/L

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006970.D

Acq: 06 Dec 2021 18:47

Instrument :

MSVOA_Y

ClientSampleId :

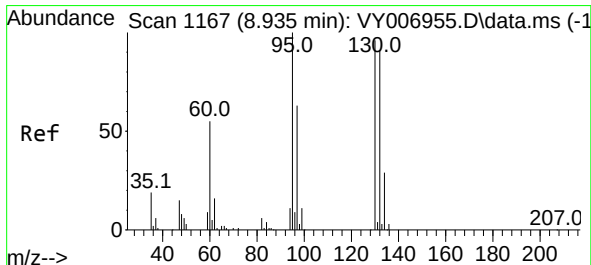
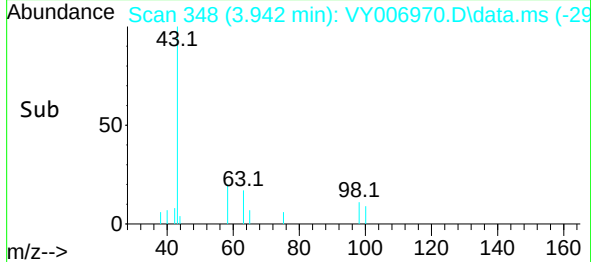
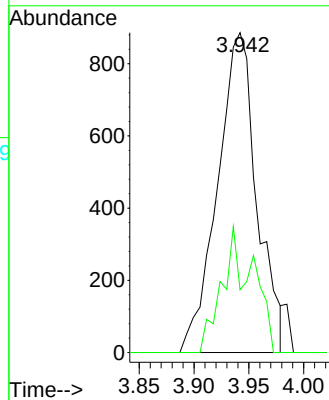
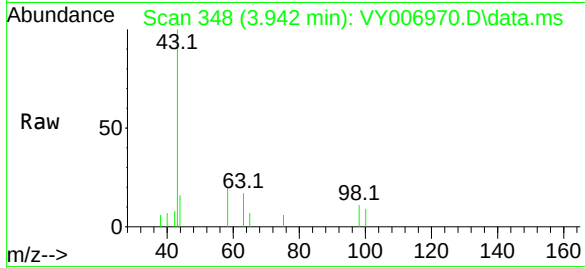
EX8D0

Tgt Ion: 43 Resp: 2211

Ion Ratio Lower Upper

43 100

58 17.6 0.0 60.8



#34

Trichloroethene

Concen: 4.533 ug/L

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

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Tgt Ion: 95 Resp: 4686

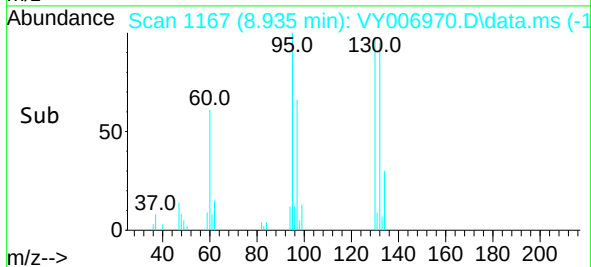
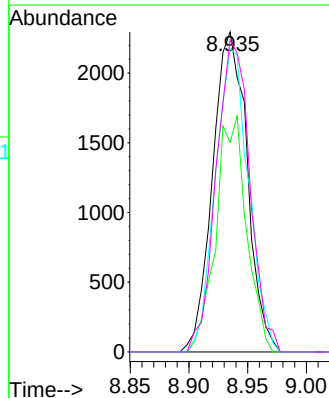
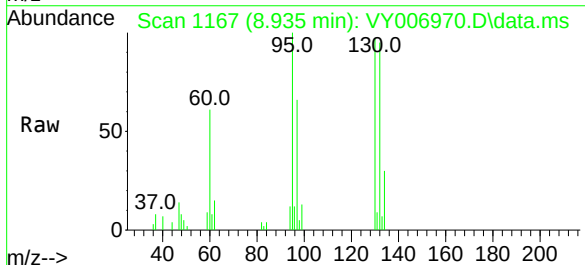
Ion Ratio Lower Upper

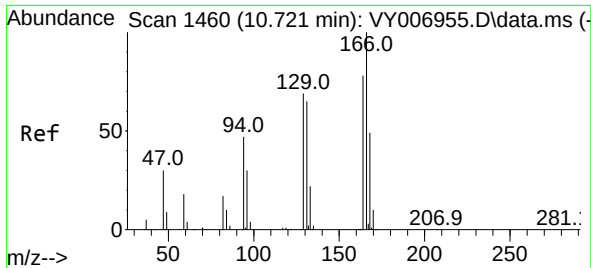
95 100

97 65.5 47.3 87.8

132 94.8 71.3 132.5

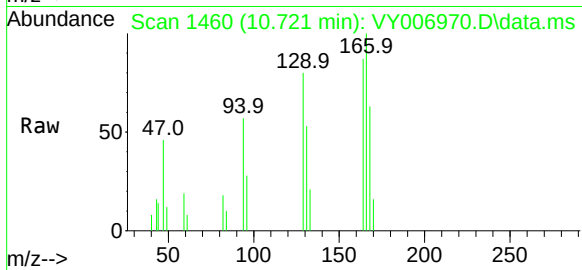
130 97.5 74.2 137.8





#46
 Tetrachloroethene
 Concen: 1.530 ug/L
 RT: 10.721 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VY006970.D
 Acq: 06 Dec 2021 18:47

Instrument :
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Tgt Ion:	164	Resp:	1325
Ion	Ratio	Lower	Upper
164	100		
129	92.8	62.1	115.3
131	61.6	61.0	113.2
166	115.5	90.4	168.0

