

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022450.D
 Acq On : 30 Sep 2021 22:54
 Operator : SY/MD
 Sample : M3979-14DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A09DL

Manual Integrations
 APPROVED

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 10/1/2021 11:51:10 AM

Quant Time: Oct 01 04:46:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	238678	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	230635	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	101249	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87141	43.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.04%		
7) Chloroethane-d5	1.564	69	70922	44.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.54%		
11) 1,1-Dichloroethene-d2	2.105	63	122207	34.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.40%		
21) 2-Butanone-d5	3.908	46	125859	88.04	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.04%		
24) Chloroform-d	4.352	84	154263	42.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.36%		
26) 1,2-Dichloroethane-d4	5.034	65	96440	43.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.00%		
32) Benzene-d6	5.050	84	322689	44.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.94%		
36) 1,2-Dichloropropane-d6	6.072	67	103201	44.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.92%		
41) Toluene-d8	7.317	98	280380	42.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.44%		
43) trans-1,3-Dichloroprop...	7.625	79	41437	39.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.18%		
47) 2-Hexanone-d5	8.091	63	82501	87.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.47%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	132995	39.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.94%		
66) 1,2-Dichlorobenzene-d4	11.625	152	106040	47.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.20%		
Target Compounds						Qvalue
13) Acetone	2.204	43	9968m	8.88	ug/L	
16) Methylene chloride	2.506	84	3287	1.50	ug/L	89
20) cis-1,2-Dichloroethene	3.915	96	9531	4.94	ug/L	92
34) Trichloroethene	5.921	95	7746	4.28	ug/L	97
46) Tetrachloroethene	7.976	164	150175	100.76	ug/L	96

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

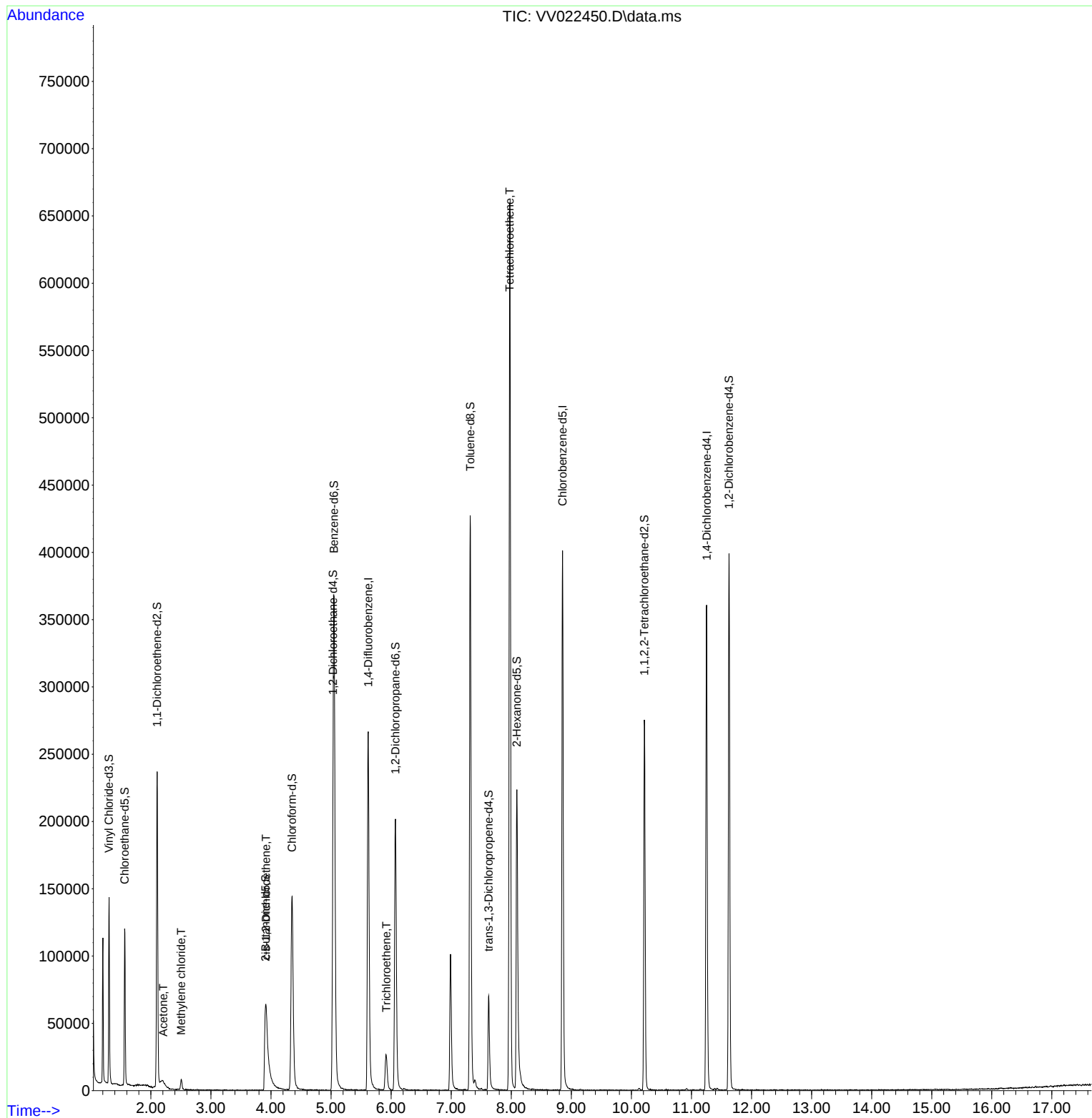
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022450.D
Acq On : 30 Sep 2021 22:54
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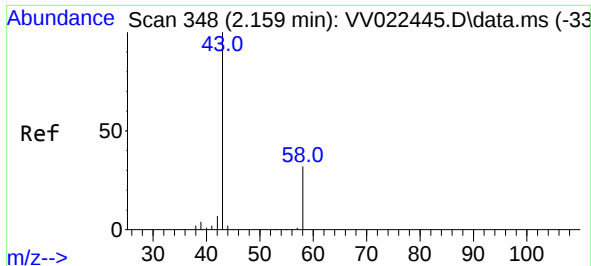
Instrument :
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Quant Time: Oct 01 04:46:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 01 04:27:45 2021
Response via : Initial Calibration





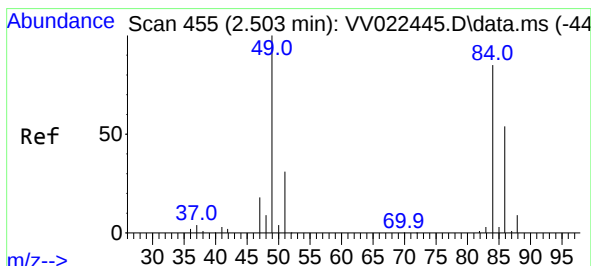
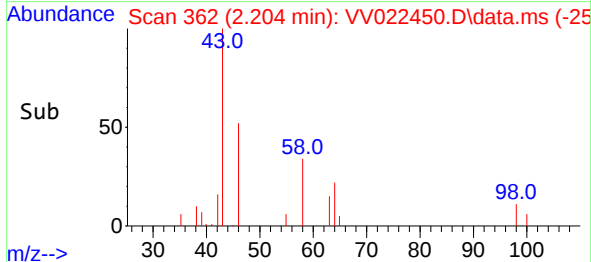
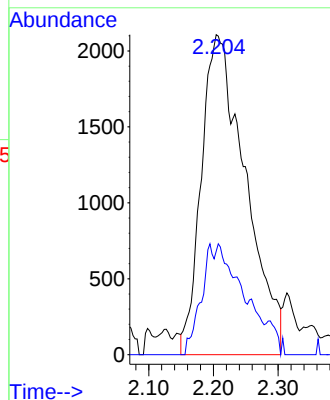
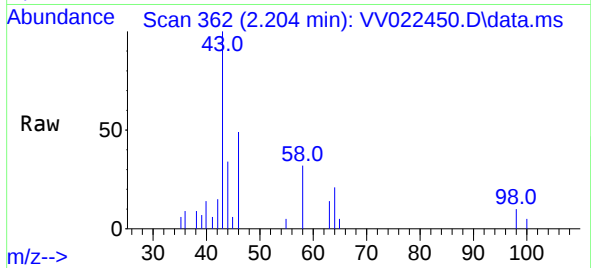
#13
Acetone
Concen: 8.88 ug/L m
RT: 2.204 min Scan# 362
Delta R.T. 0.045 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

Tgt Ion: 43 Resp: 9968
Ion Ratio Lower Upper
43 100
58 7.8 0.0 67.2

Instrument :
MSVOA_V
ClientSampled :
F4A09DL

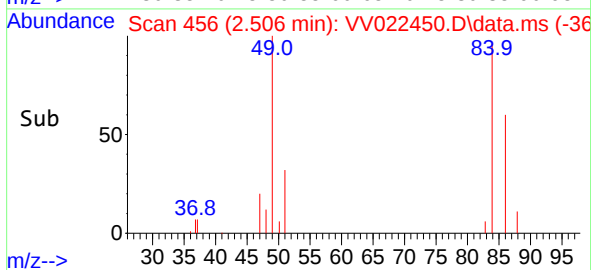
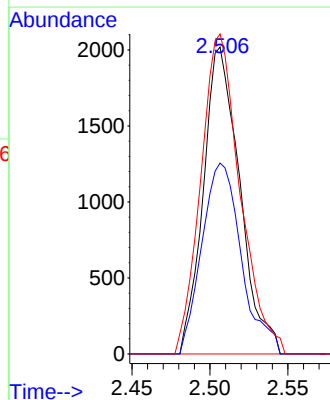
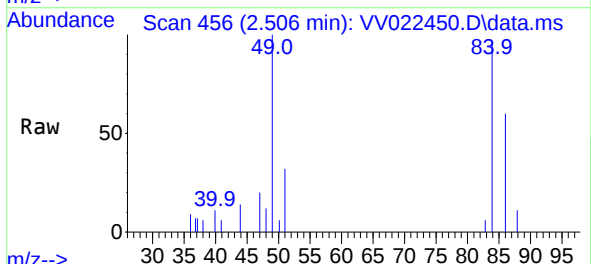
Manual Integrations
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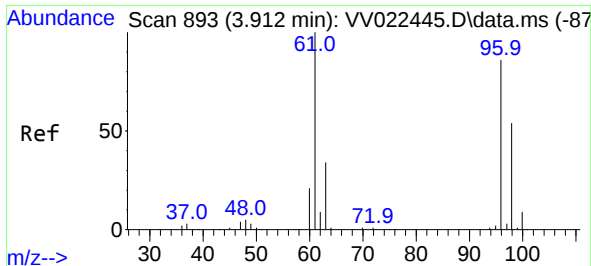
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#16
Methylene chloride
Concen: 1.50 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

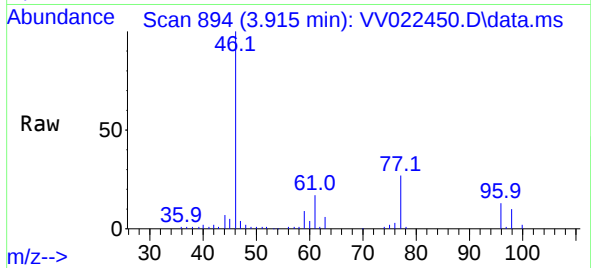
Tgt Ion: 84 Resp: 3287
Ion Ratio Lower Upper
84 100
86 62.2 44.6 82.8
49 104.3 85.3 158.3





#20
cis-1,2-Dichloroethene
Concen: 4.94 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

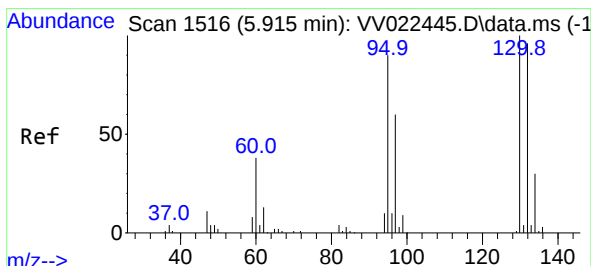
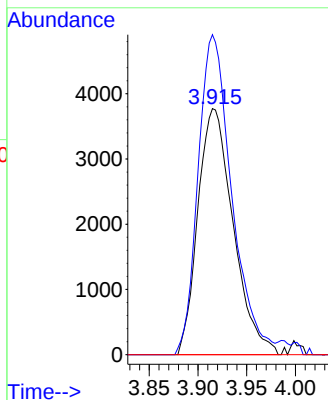
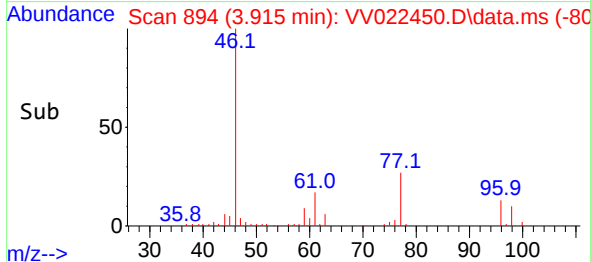
Instrument :
MSVOA_V
ClientSampled :
F4A09DL



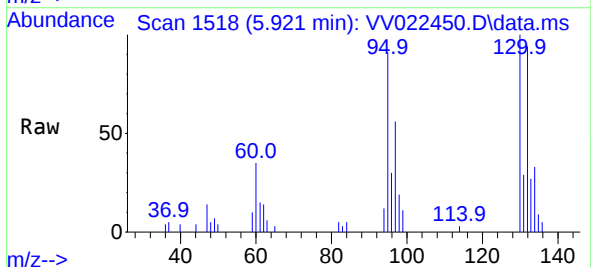
Tgt Ion: 96 Resp: 9531
Ion Ratio Lower Upper
96 100
61 130.0 84.6 157.0
68 0.0 0.0 0.0

Manual Integrations
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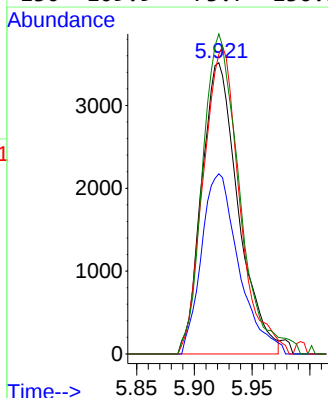
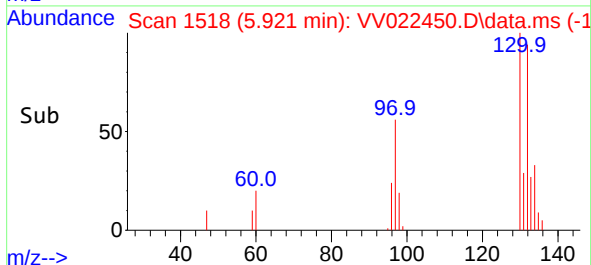
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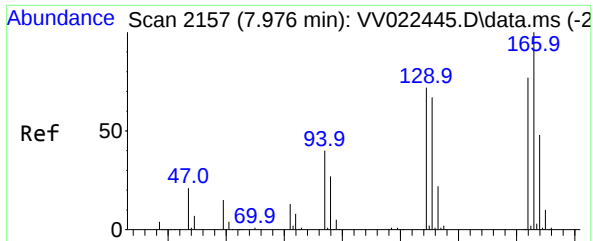


#34
Trichloroethene
Concen: 4.28 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54



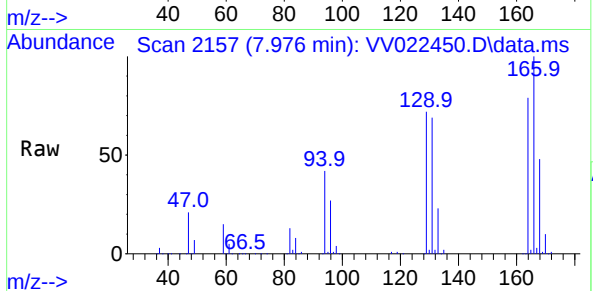
Tgt Ion: 95 Resp: 7746
Ion Ratio Lower Upper
95 100
97 61.8 45.2 84.0
132 103.0 71.0 131.8
130 109.9 73.7 136.9





#46
Tetrachloroethene
Concen: 100.76 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022450.D
Acq: 30 Sep 2021 22:54

Instrument :
MSVOA_V
ClientSampleId :
F4A09DL



Tgt Ion:164 Resp: 150175

Ion	Ratio	Lower	Upper
164	100		
129	91.3	66.4	123.4
131	87.3	63.6	118.0
166	126.2	91.6	170.0

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