

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022442.D
 Acq On : 30 Sep 2021 19:18
 Operator : SY/MD
 Sample : M3979-02DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A43DL

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:50:49 AM

Quant Time: Oct 01 02:44:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	235814	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	226915	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	98729	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87635	43.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.58%		
7) Chloroethane-d5	1.564	69	70494	44.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.08%		
11) 1,1-Dichloroethene-d2	2.105	63	116287	33.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.84%		
21) 2-Butanone-d5	3.899	46	118161	83.66	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.66%		
24) Chloroform-d	4.349	84	152474	42.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.38%		
26) 1,2-Dichloroethane-d4	5.034	65	93751	42.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.62%		
32) Benzene-d6	5.050	84	312328	43.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.50%		
36) 1,2-Dichloropropane-d6	6.072	67	102230	44.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.52%		
41) Toluene-d8	7.317	98	279087	42.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.42%		
43) trans-1,3-Dichloroprop...	7.622	79	39744	38.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.22%		
47) 2-Hexanone-d5	8.092	63	72333	77.95	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.95%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	128586	38.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.58%		
66) 1,2-Dichlorobenzene-d4	11.625	152	105018	47.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.68%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.761	96	3440	1.92	ug/L	99
25) Chloroform	4.375	83	2199m	0.66	ug/L	
34) Trichloroethene	5.921	95	2466m	1.38	ug/L	
46) Tetrachloroethene	7.976	164	51010	34.79	ug/L	96

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

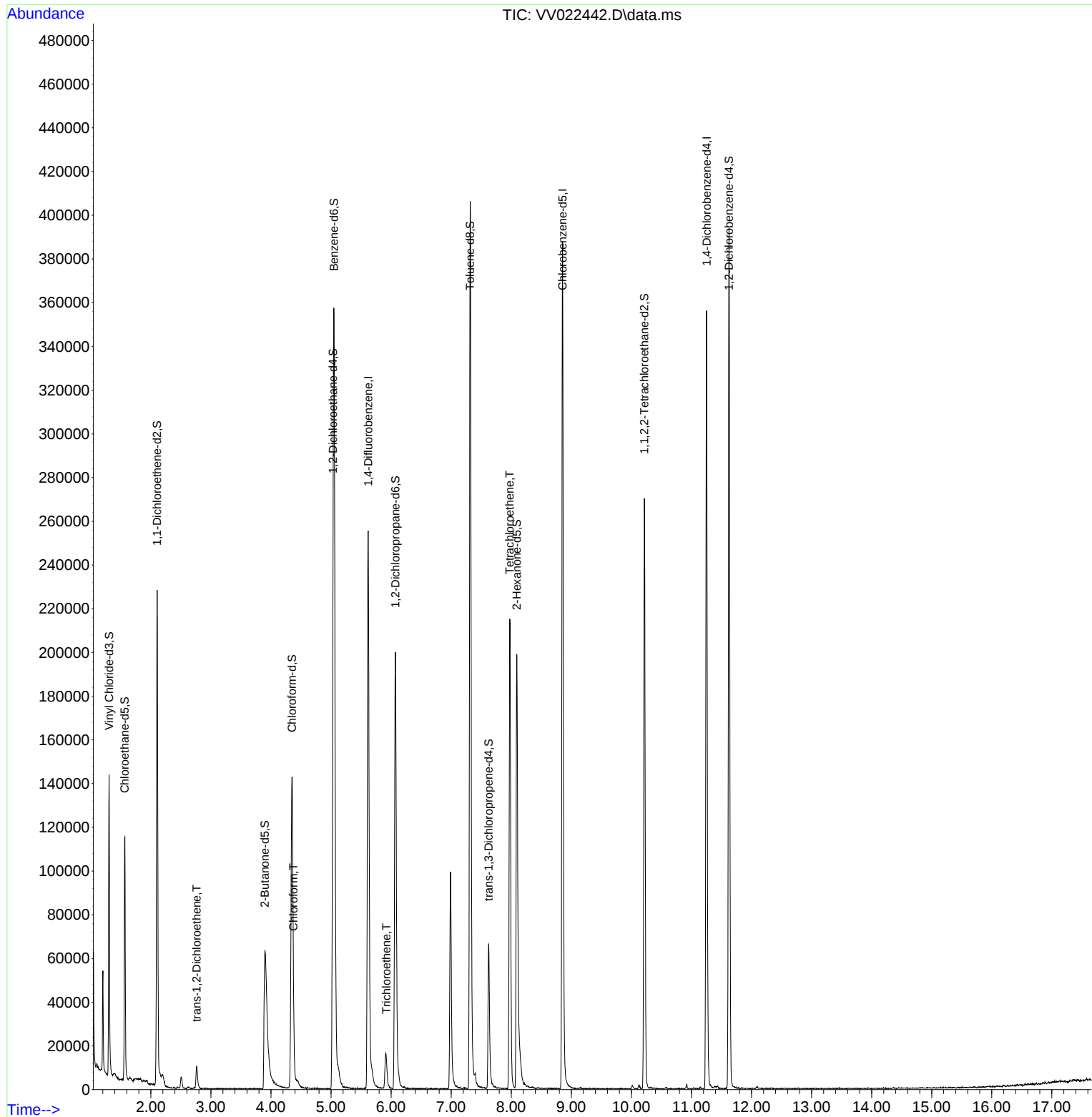
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
Data File : VV022442.D
Acq On : 30 Sep 2021 19:18
Operator : SY/MD
Sample : M3979-02DL 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

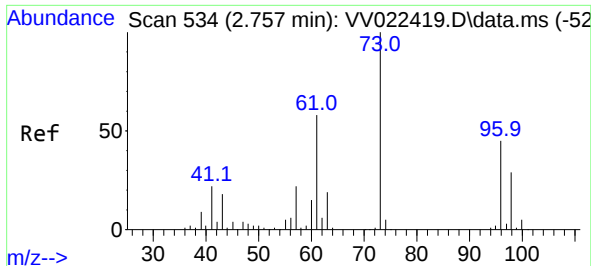
Instrument :
MSVOA_V
ClientSampleId :
F4A43DL

Manual Integrations
APPROVED

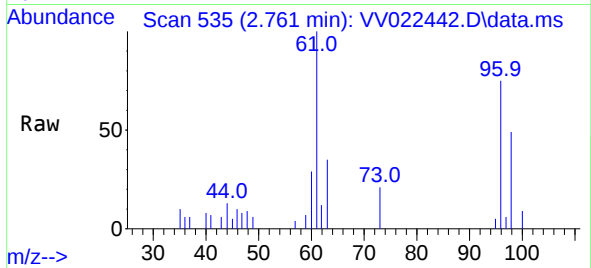
MMDadoda
10/1/2021 11:50:49 AM

Quant Time: Oct 01 02:44:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 01 02:38:11 2021
Response via : Initial Calibration

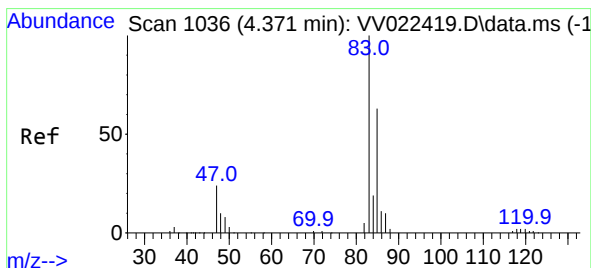
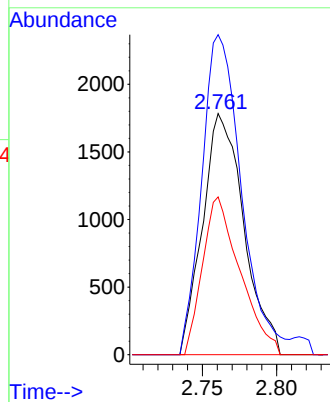
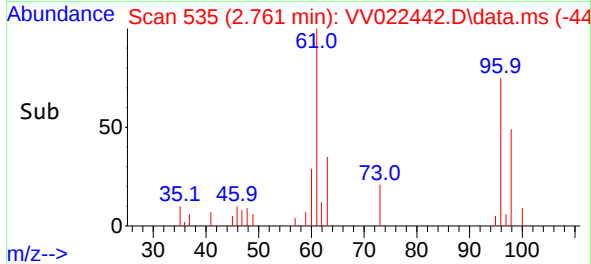




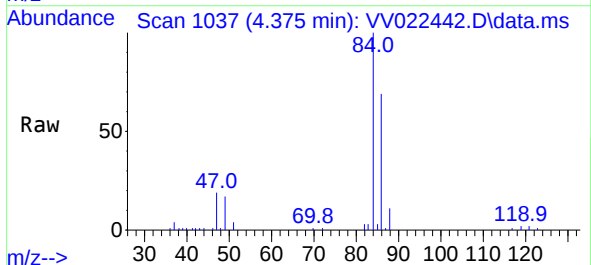
#17
trans-1,2-Dichloroethene
Concen: 1.92 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022442.D
Acq: 30 Sep 2021 19:18



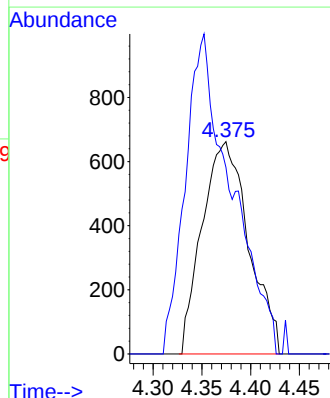
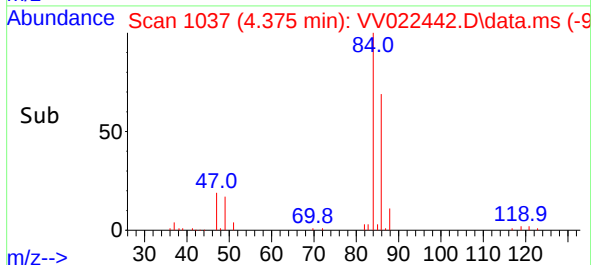
Tgt Ion: 96 Resp: 3440
Ion Ratio Lower Upper
96 100
61 132.7 92.7 172.1
98 65.4 44.4 82.5



#25
Chloroform
Concen: 0.66 ug/L m
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022442.D
Acq: 30 Sep 2021 19:18



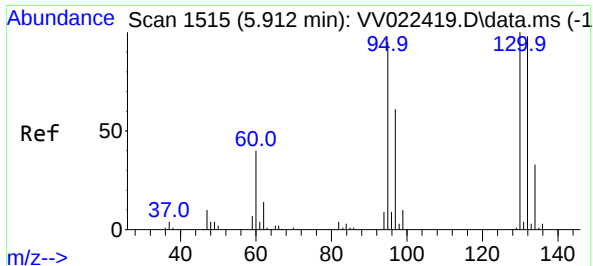
Tgt Ion: 83 Resp: 2199
Ion Ratio Lower Upper
83 100
85 87.9 46.5 86.3#



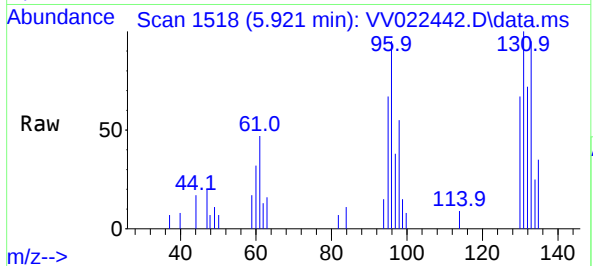
Instrument :
MSVOA_V
ClientSampled :
F4A43DL

Manual Integrations
APPROVED

MMDadoda
10/1/2021 11:50:49 AM

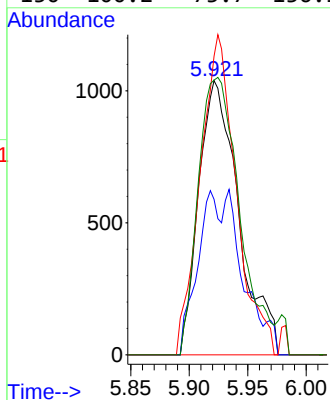


#34
Trichloroethene
Concen: 1.38 ug/L m
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022442.D
Acq: 30 Sep 2021 19:18



Tgt Ion: 95 Resp: 2466

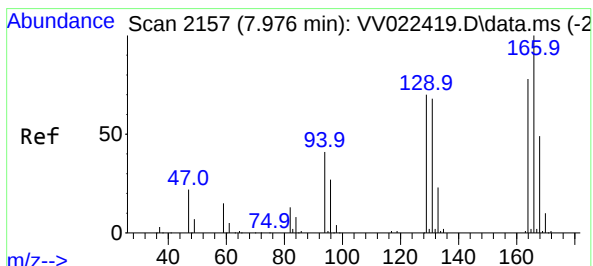
Ion	Ratio	Lower	Upper
95	100		
97	56.7	45.2	84.0
132	108.9	71.0	131.8
130	100.2	73.7	136.9



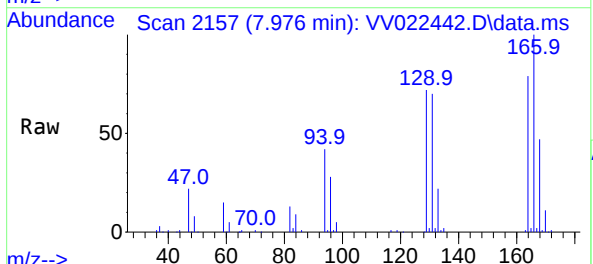
Instrument :
MSVOA_V
ClientSampled :
F4A43DL

Manual Integrations
APPROVED

MMDadoda
10/1/2021 11:50:49 AM



#46
Tetrachloroethene
Concen: 34.79 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022442.D
Acq: 30 Sep 2021 19:18



Tgt Ion: 164 Resp: 51010

Ion	Ratio	Lower	Upper
164	100		
129	90.5	66.4	123.4
131	87.5	63.6	118.0
166	125.8	91.6	170.0

