

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060721\
 Data File : VV021527.D
 Acq On : 07 Jun 2021 14:10
 Operator : SY/MD
 Sample : M2605-10 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7K2

Quant Time: Jun 08 03:18:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 08 03:17:01 2021
 Response via : Initial Calibration

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

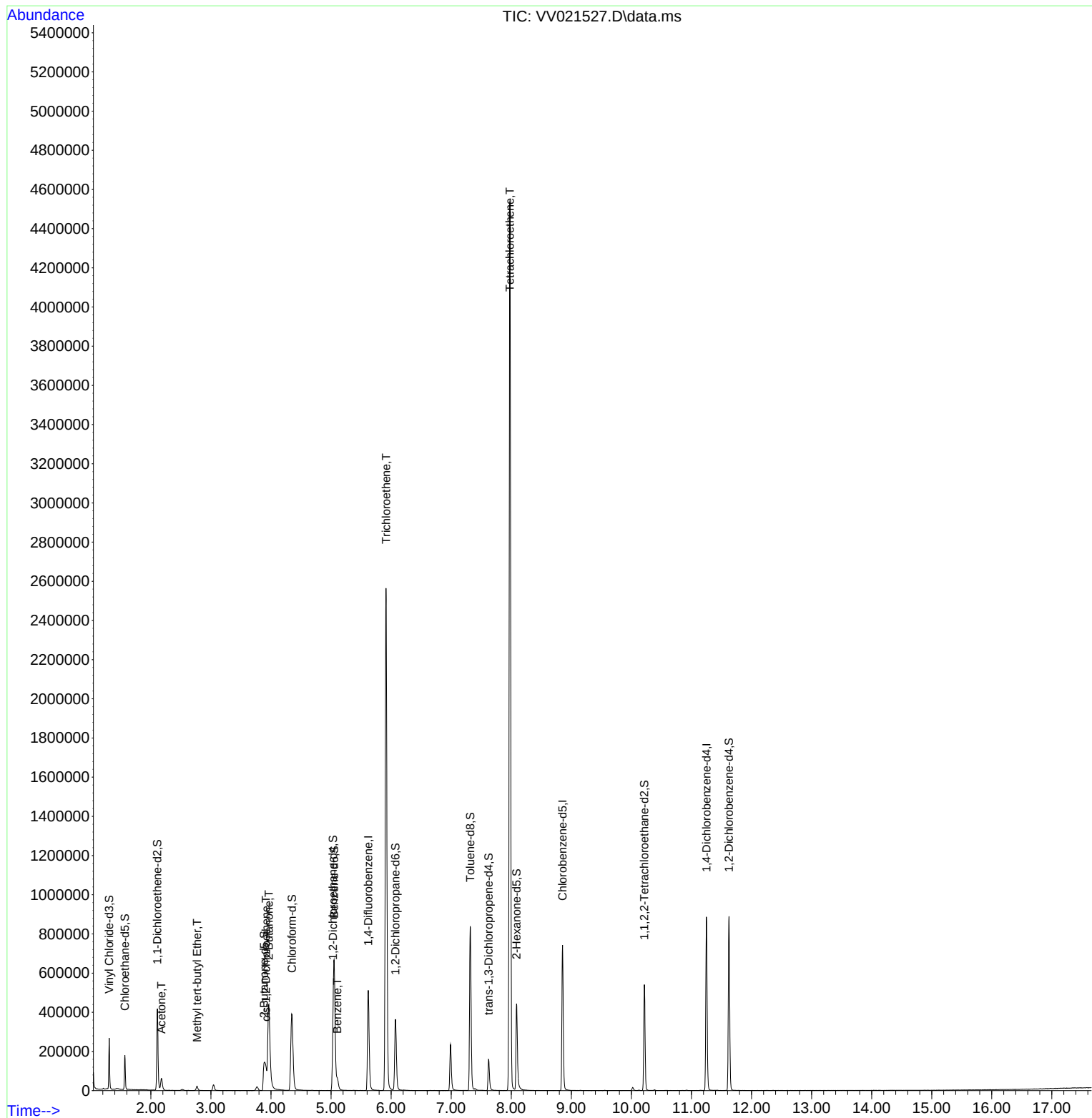
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	475663	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	439677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	258926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	159913	51.062	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.120%	
7) Chloroethane-d5	1.568	69	108165	46.430	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	92.860%	
11) 1,1-Dichloroethene-d2	2.108	63	204988	38.306	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	76.620%	
21) 2-Butanone-d5	3.886	46	221733	98.738	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	98.740%	
24) Chloroform-d	4.352	84	289896	46.502	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.034	65	175637	48.914	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.820%	
32) Benzene-d6	5.053	84	605438	49.222	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.440%	
36) 1,2-Dichloropropane-d6	6.072	67	181874	47.881	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	95.760%	
41) Toluene-d8	7.317	98	580822	49.565	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	99.120%	
43) trans-1,3-Dichloroprop...	7.622	79	97169	47.801	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.600%	
47) 2-Hexanone-d5	8.088	63	165173	94.699	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	94.700%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	252937	47.971	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	95.940%	
66) 1,2-Dichlorobenzene-d4	11.625	152	256115	47.584	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.160%	
Target Compounds						
					Qvalue	
13) Acetone	2.175	43	76394	39.537	ug/L #	85
18) Methyl tert-butyl Ether	2.770	73	14937	1.479	ug/L #	51
20) cis-1,2-Dichloroethene	3.915	96	44265	12.423	ug/L	98
22) 2-Butanone	3.963	43	742216	303.232	ug/L	95
33) Benzene	5.104	78	59487	4.727	ug/L	100
34) Trichloroethene	5.915	95	878208	256.733	ug/L	97
46) Tetrachloroethene	7.979	164	1123522	357.242	ug/L	98

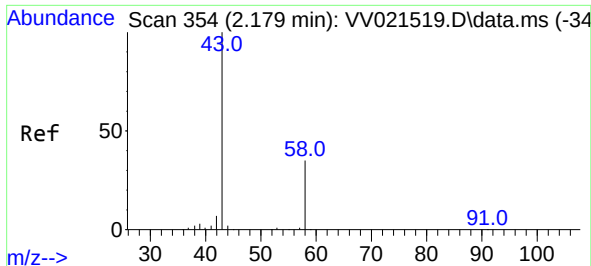
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 08 03:17:01 2021
Response via : Initial Calibration

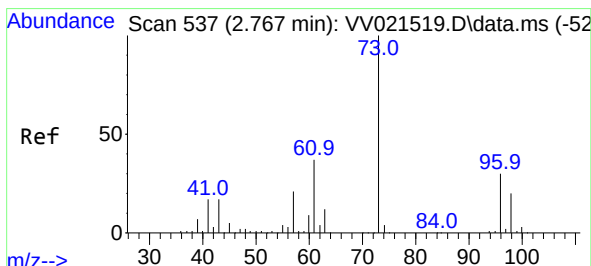
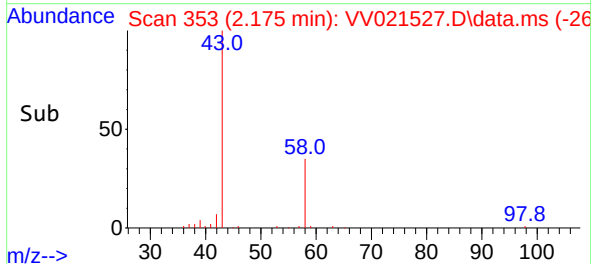
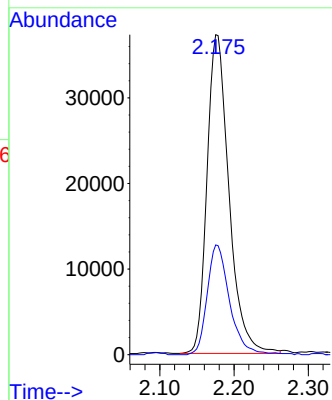
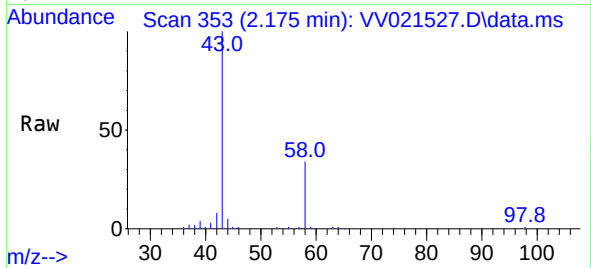




#13
Acetone
Concen: 39.537 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

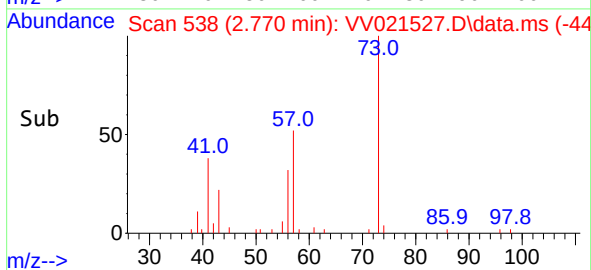
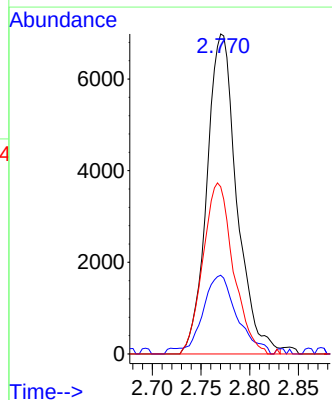
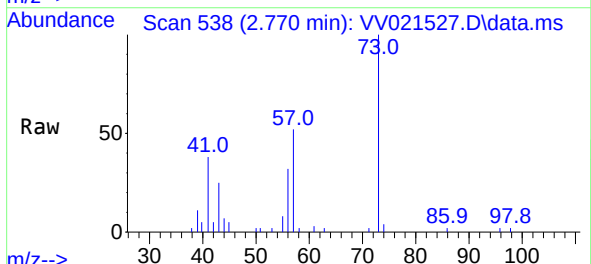
Instrument :
MSVOA_V
ClientSampleId :
BG7K2

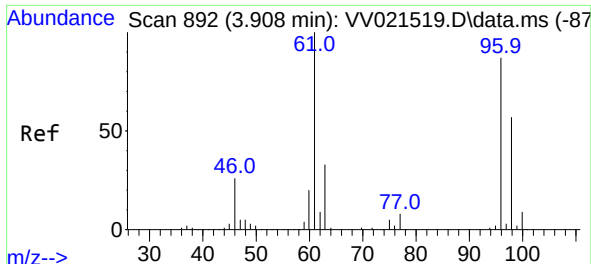
Tgt Ion: 43 Resp: 76394
Ion Ratio Lower Upper
43 100
58 34.9 0.0 0.2#



#18
Methyl tert-butyl Ether
Concen: 1.479 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion: 73 Resp: 14937
Ion Ratio Lower Upper
73 100
43 27.7 13.9 20.9#
57 54.1 17.1 25.7#

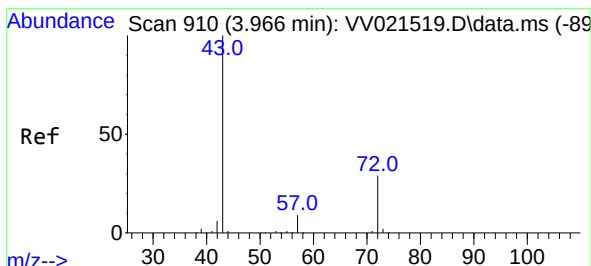
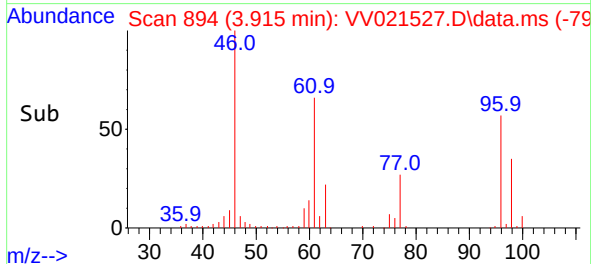
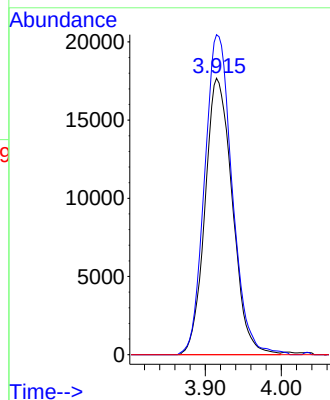
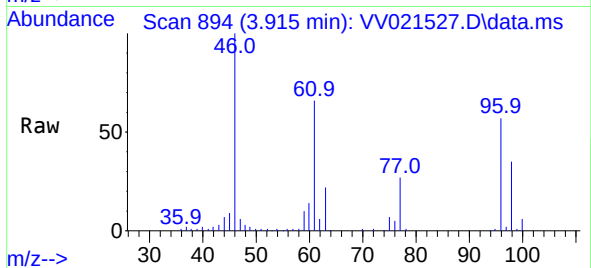




#20
cis-1,2-Dichloroethene
Concen: 12.423 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

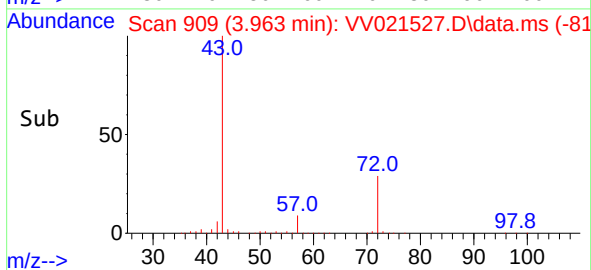
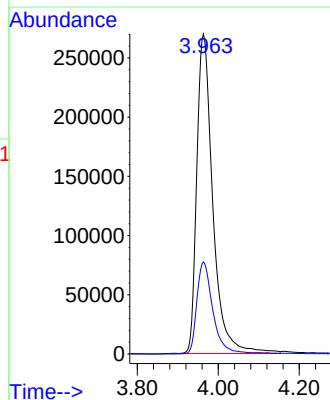
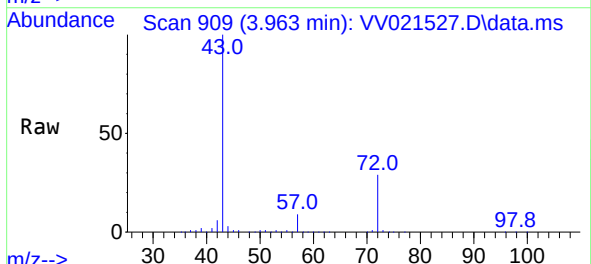
Instrument :
MSVOA_V
ClientSampleId :
BG7K2

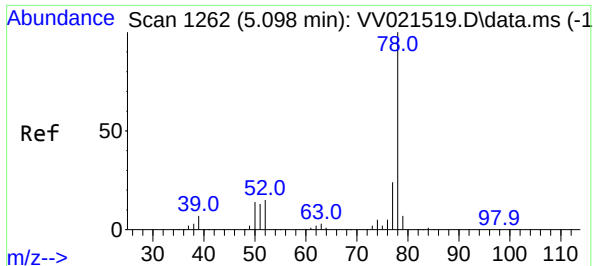
Tgt Ion: 96 Resp: 44265
Ion Ratio Lower Upper
96 100
61 115.7 82.4 153.0
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 303.232 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion: 43 Resp: 742216
Ion Ratio Lower Upper
43 100
72 28.4 13.1 39.1

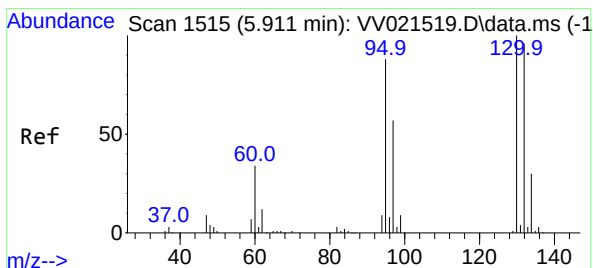
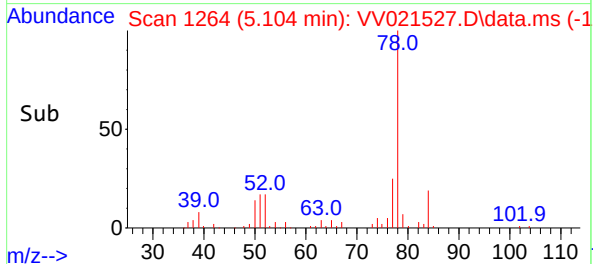
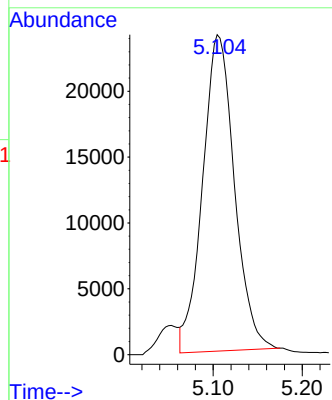
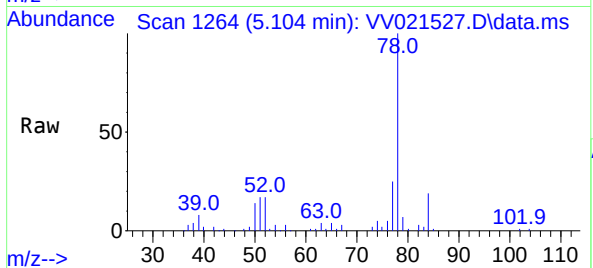




#33
Benzene
Concen: 4.727 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Instrument :
MSVOA_V
ClientSampled :
BG7K2

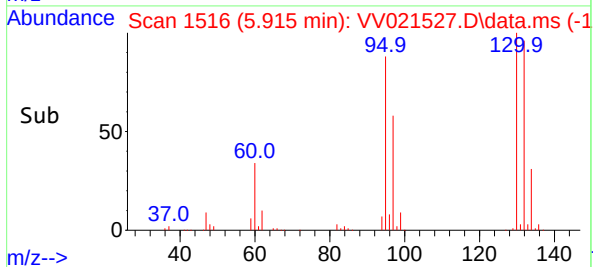
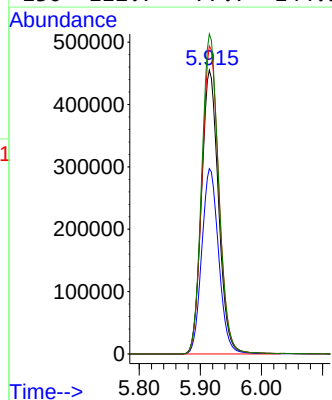
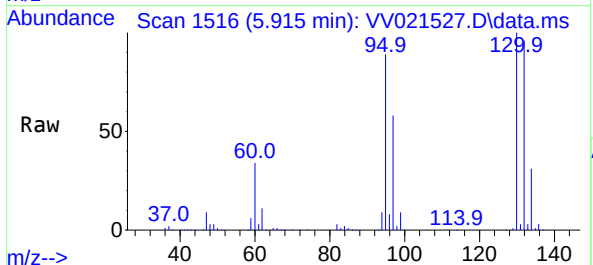
Tgt Ion: 78 Resp: 59487



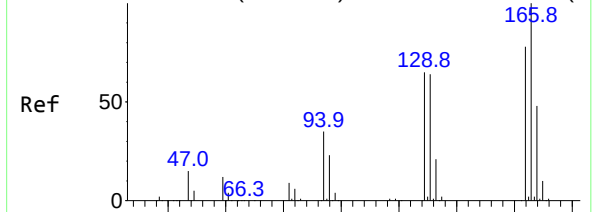
#34
Trichloroethene
Concen: 256.733 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion: 95 Resp: 878208

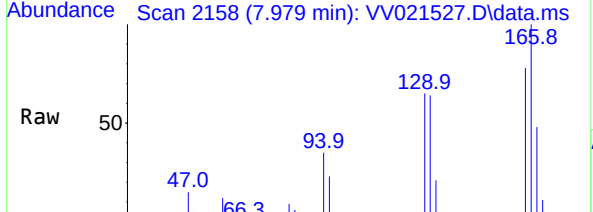
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.3	82.3
132	108.5	73.2	136.0
130	112.7	77.7	144.3



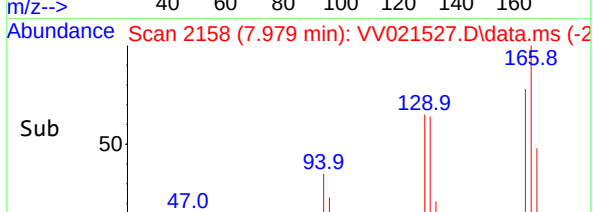
Abundance Scan 2157 (7.976 min): VV021519.D\data.ms (-2



Abundance Scan 2158 (7.979 min): VV021527.D\data.ms



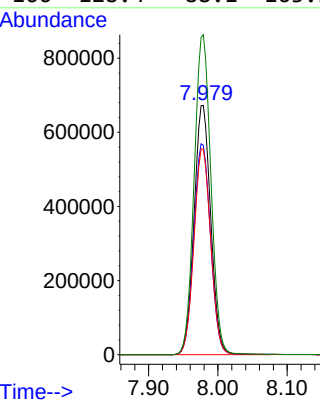
Abundance Scan 2158 (7.979 min): VV021527.D\data.ms (-2



#46
Tetrachloroethene
Concen: 357.242 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021527.D
Acq: 07 Jun 2021 14:10

Tgt Ion:164 Resp: 1123522

Ion	Ratio	Lower	Upper
164	100		
129	83.9	60.5	112.3
131	82.5	58.7	108.9
166	128.4	88.1	163.5



Instrument :
MSVOA_V
ClientSampleId :
BG7K2