

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017461.D
 Acq On : 13 Jul 2020 11:44
 Operator : SY/MD
 Sample : L3270-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A25

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 12:19:25 PM

Quant Time: Jul 14 05:44:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256389	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	242604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117043	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80248	60.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.24%
7) Chloroethane-d5	1.58	69	60429	64.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.90%
11) 1,1-Dichloroethene-d2	2.12	63	131178	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.82%
21) 2-Butanone-d5	3.91	46	102834	112.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.80%
24) Chloroform-d	4.38	84	169891	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.06%
26) 1,2-Dichloroethane-d4	5.06	65	125183	59.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.14%
32) Benzene-d6	5.08	84	306986	58.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.16%
36) 1,2-Dichloropropane-d6	6.09	67	87599	58.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.10%
41) Toluene-d8	7.34	98	291356	57.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.66%
43) trans-1,3-Dichloropropene-	7.64	79	49400	56.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.48%
47) 2-Hexanone-d5	8.11	63	66183	106.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108619	51.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	119593	61.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.22%#

Target Compounds

					Ovalue
13) Acetone	2.19	43	8508	6.856 ug/L	99
19) 1,1-Dichloroethane	3.22	63	3554m	1.154 ug/L	
20) cis-1,2-Dichloroethene	3.94	96	32812	18.287 ug/L	92
34) Trichloroethene	5.94	95	4692	2.464 ug/L	83
46) Tetrachloroethene	8.00	164	17557	10.982 ug/L	95

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

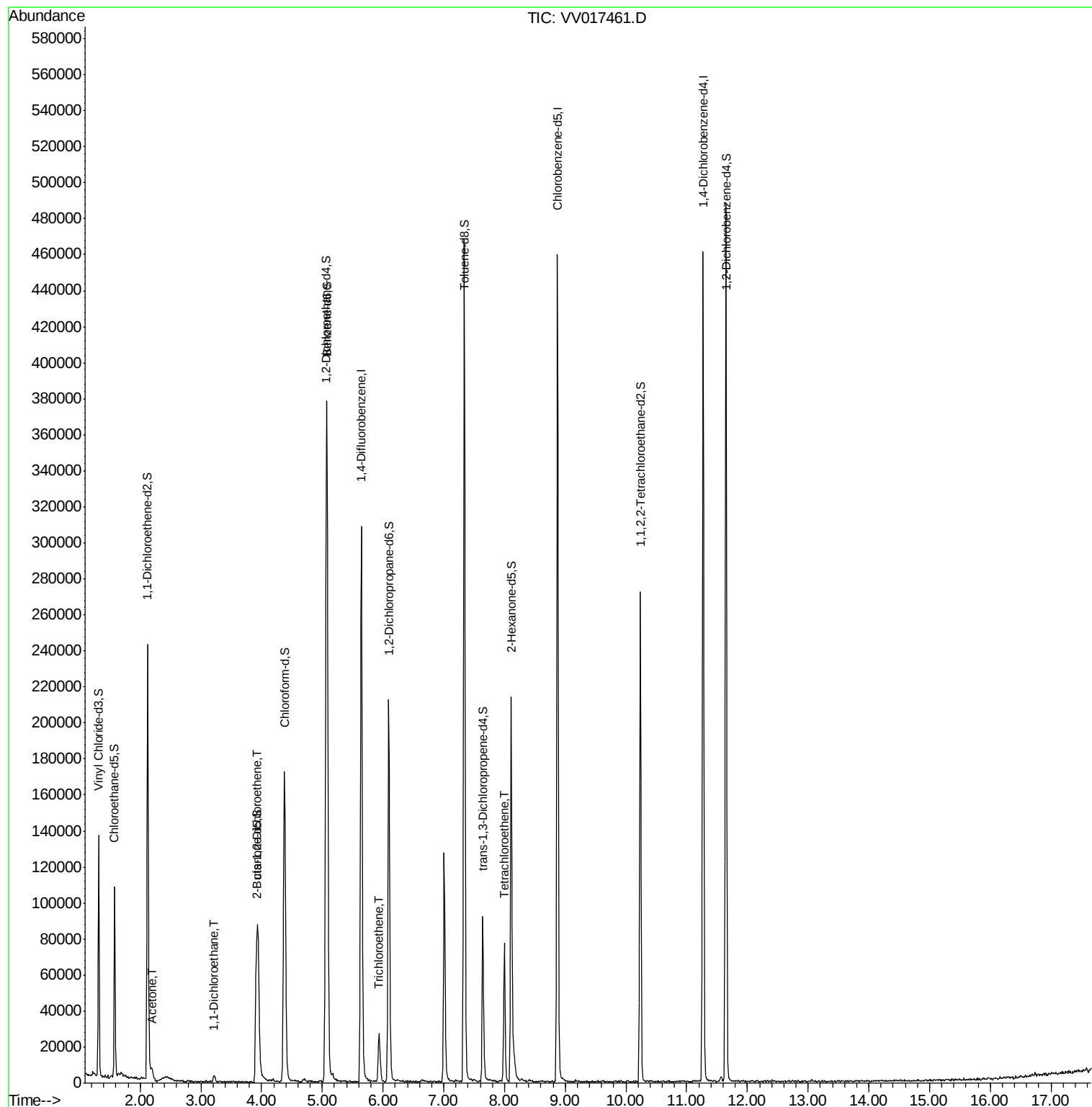
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071320\
Data File : VV017461.D
Acq On : 13 Jul 2020 11:44
Operator : SY/MD
Sample : L3270-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

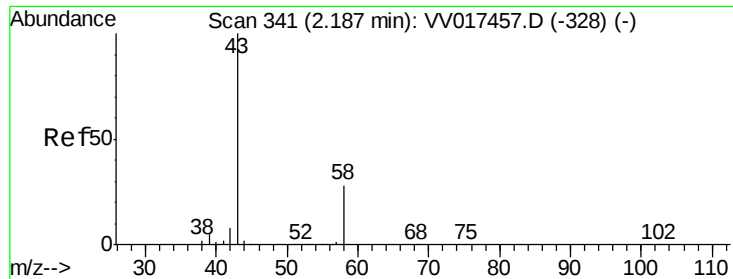
Instrument :
MSVOA_V
ClientSampleId :
F4A25

Manual Integrations
APPROVED

MMDadoda
7/14/2020 12:19:25 PM

Quant Time: Jul 14 05:44:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 14 05:08:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.856 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

Instrument :

MSVOA_V

ClientSampled :

F4A25

Tot Ion: 43 Resp: 8508

Ion Ratio Lower Upper

43 100

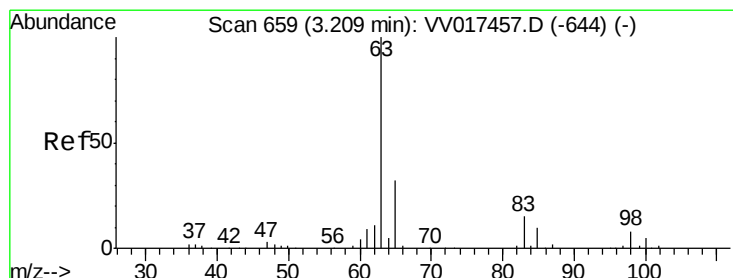
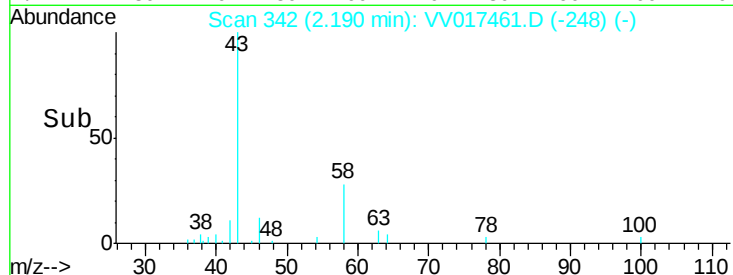
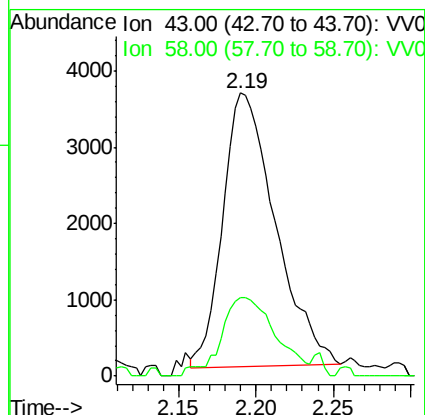
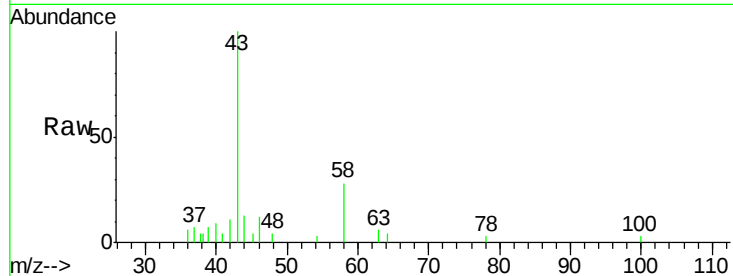
58 28.7 0.0 56.0

Manual Integrations

APPROVED

MMDadoda

7/14/2020 12:19:25 PM



#19

1,1-Dichloroethane

Concen: 1.154 ug/L m

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

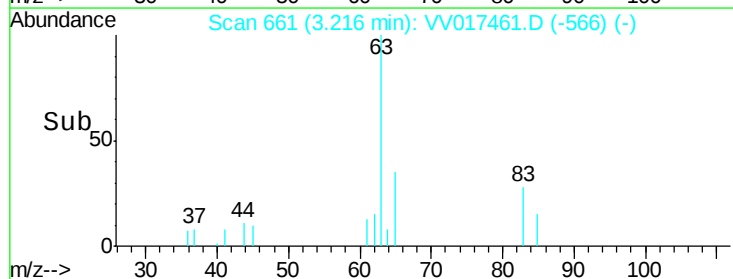
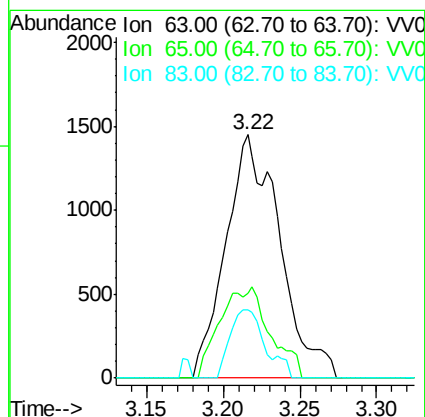
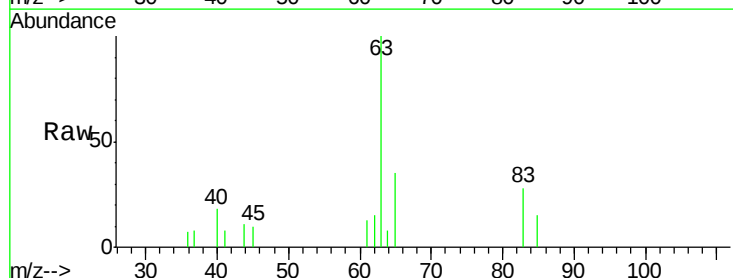
Tgt Ion: 63 Resp: 3554

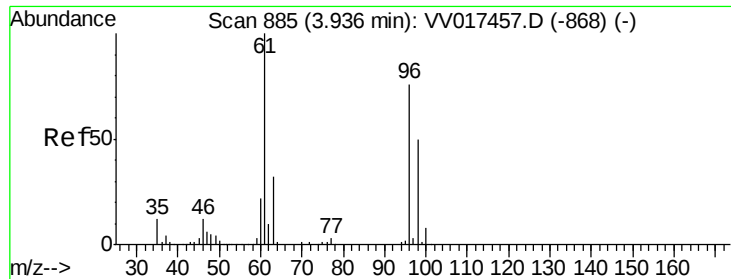
Ion Ratio Lower Upper

63 100

65 35.1 22.1 41.1

83 27.8 10.1 18.9#





#20

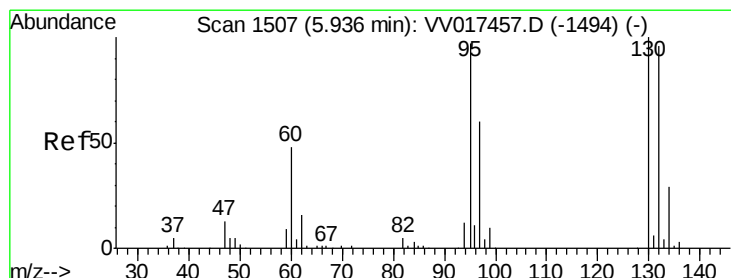
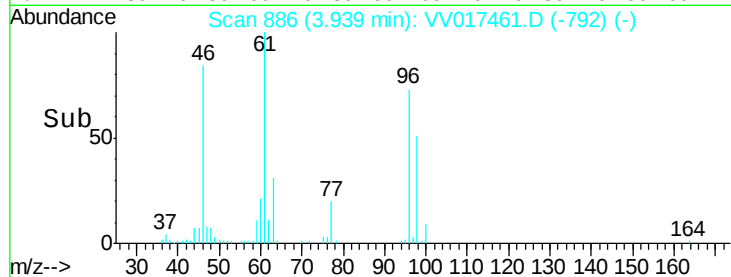
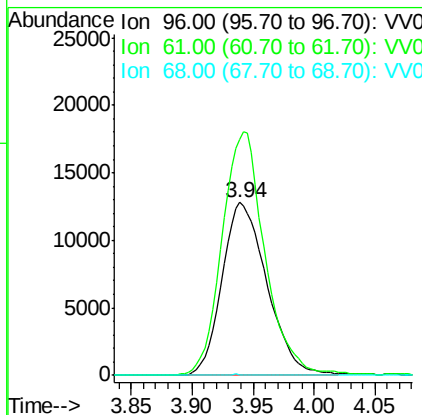
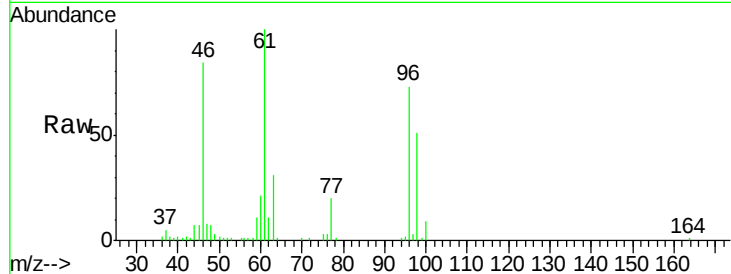
cis-1,2-Dichloroethene
Concen: 18.287 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017461.D
Acq: 13 Jul 2020 11:44

Instrument :
MSVOA_V
ClientSampleId :
F4A25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		32812		
61	136.7		88.9	165.1	
68	0.0		0.0	0.0	

Manual Integrations
APPROVED

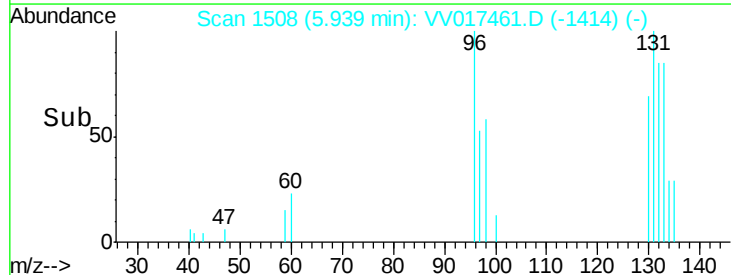
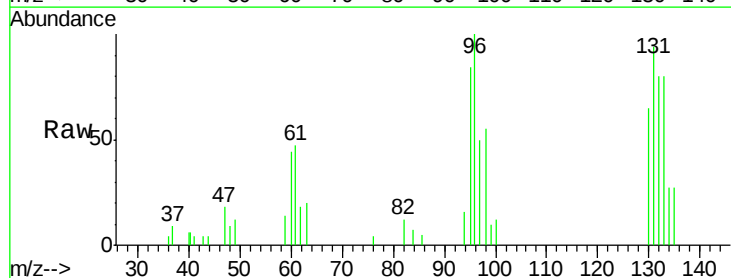
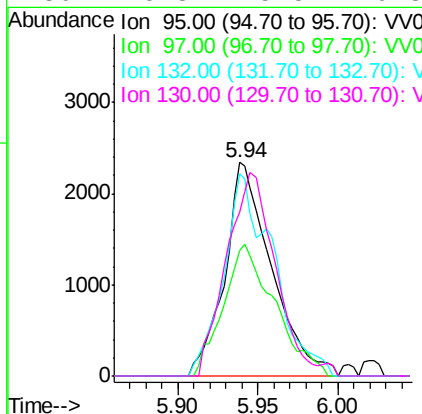
MMDadoda
7/14/2020 12:19:25 PM

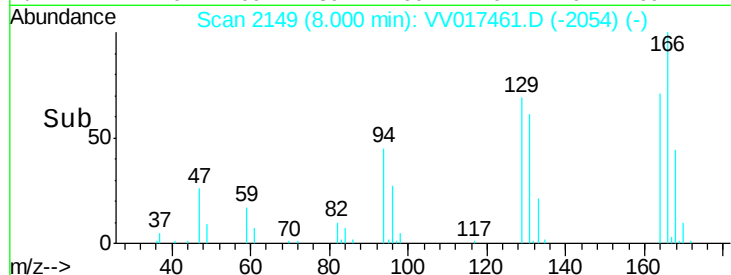
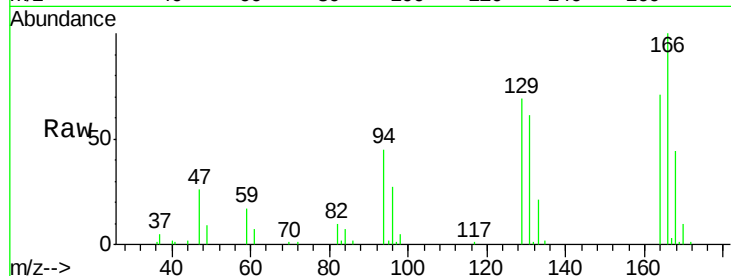
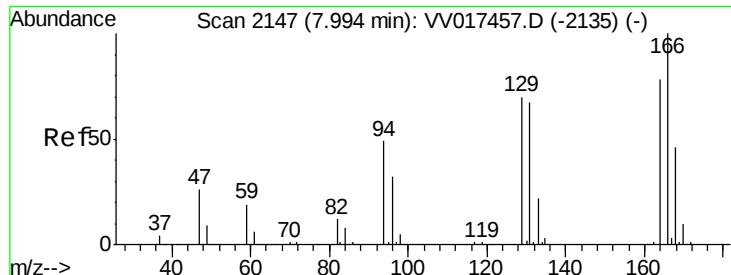


#34

Trichloroethene
Concen: 2.464 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017461.D
Acq: 13 Jul 2020 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		4692		
97	59.0		45.6	84.6	
132	94.5		74.1	137.5	
130	76.8		75.5	140.3	





#46

Tetrachloroethene

Concen: 10.982 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017461.D

Acq: 13 Jul 2020 11:44

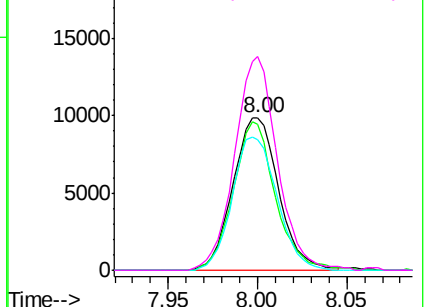
Tot Ion:	164	Resp:	17557
Ion Ratio	Lower	Upper	
164	100		
129	96.1	66.6	123.8
131	85.3	65.5	121.7
166	140.0	93.9	174.5

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Instrument :

MSVOA_V

ClientSampleId :

F4A25

Manual Integrations
APPROVED

MMDadoda
7/14/2020 12:19:25 PM