

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018710.D
 Acq On : 06 Oct 2020 23:56
 Operator : SY/MD
 Sample : L4287-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH0

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 1:28:33 PM

Quant Time: Oct 07 08:22:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303490	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125267	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77463	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.04%
7) Chloroethane-d5	1.58	69	63835	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.76%
11) 1,1-Dichloroethene-d2	2.12	63	123486	34.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.10%
21) 2-Butanone-d5	3.90	46	115679	87.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.13%
24) Chloroform-d	4.37	84	168465	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.05	65	110700	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
32) Benzene-d6	5.07	84	299684	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
36) 1,2-Dichloropropane-d6	6.09	67	94246	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.68%
41) Toluene-d8	7.34	98	267702	41.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.72%
43) trans-1,3-Dichloropropene-	7.64	79	45238	40.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.56%
47) 2-Hexanone-d5	8.11	63	73359	92.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	115276	41.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	111689	46.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.72%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	3019	1.300 ug/L #	39
13) Acetone	2.19	43	21848	19.047 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	2582m	1.121 ug/L	
27) 1,2-Dichloroethane	5.17	62	4356m	1.394 ug/L	
34) Trichloroethene	5.94	95	1807	0.780 ug/L	97
46) Tetrachloroethene	8.00	164	4747	2.526 ug/L	84

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

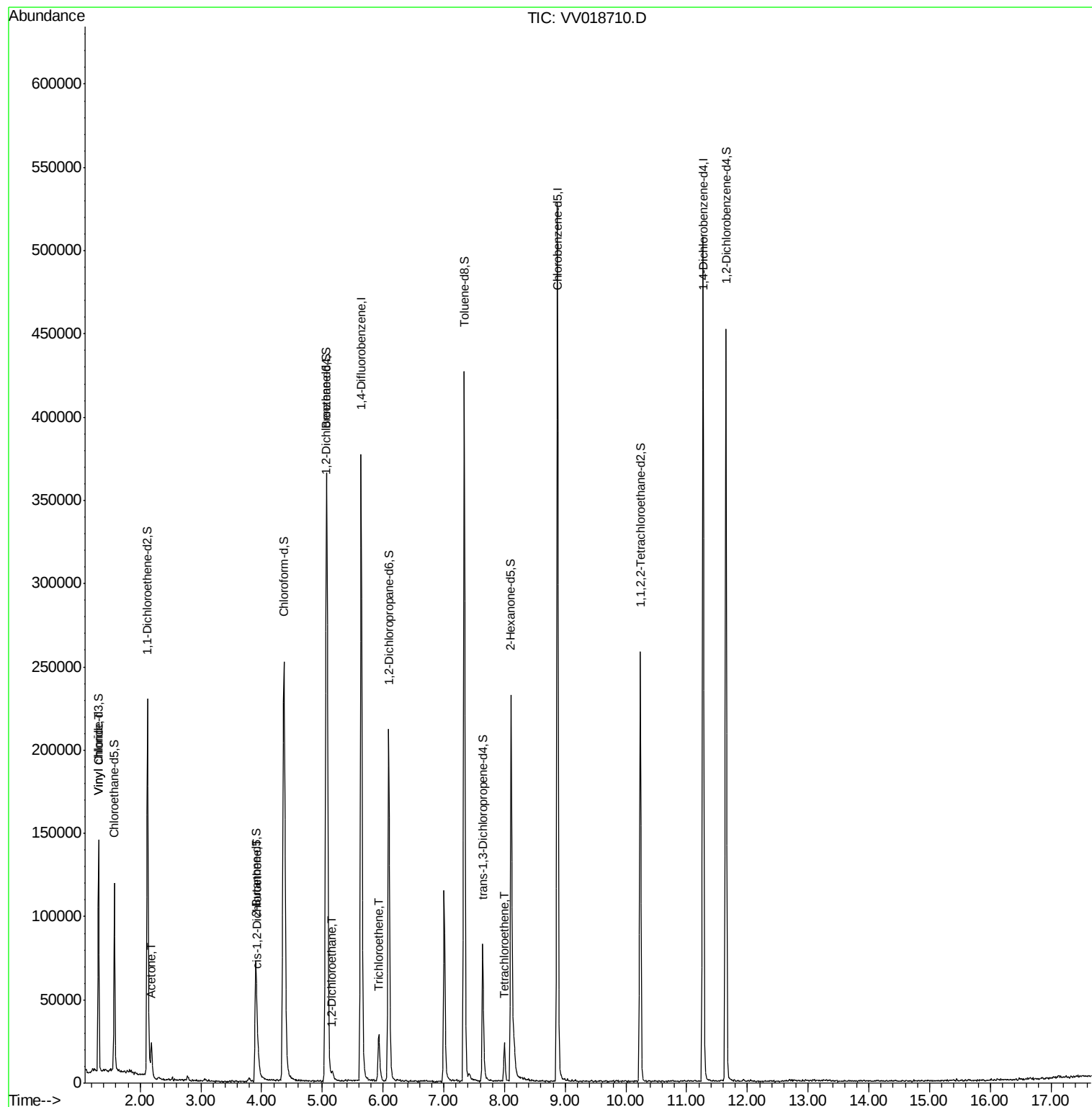
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100720\
Data File : VV018710.D
Acq On : 06 Oct 2020 23:56
Operator : SY/MD
Sample : L4287-13
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

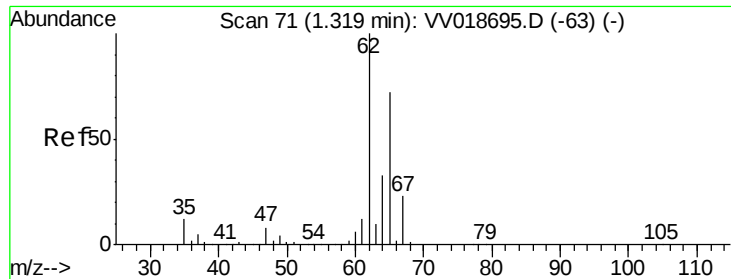
Instrument :
MSVOA_V
ClientSampleId :
C0AH0

Manual Integrations
APPROVED

MMDadoda
10/12/2020 1:28:33 PM

Quant Time: Oct 07 08:22:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.300 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018710.D

Acq: 06 Oct 2020 23:56

Instrument :

MSVOA_V

ClientSampleId :

COAH0

Tot Ion: 62 Resp: 3019

Ion Ratio Lower Upper

62 100

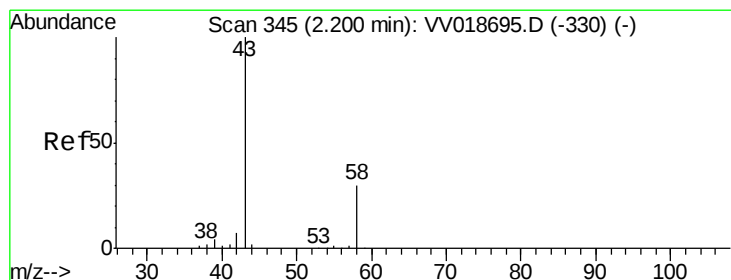
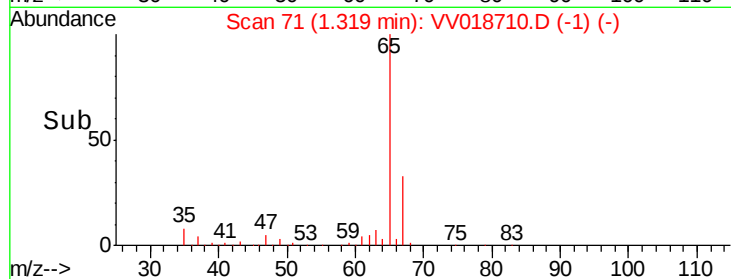
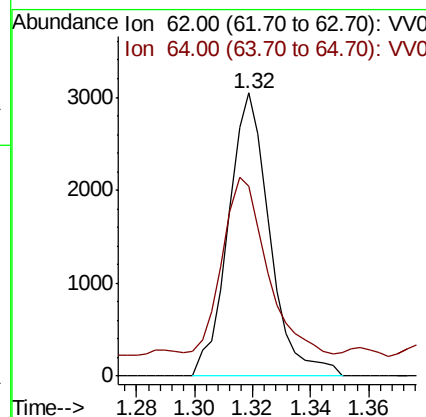
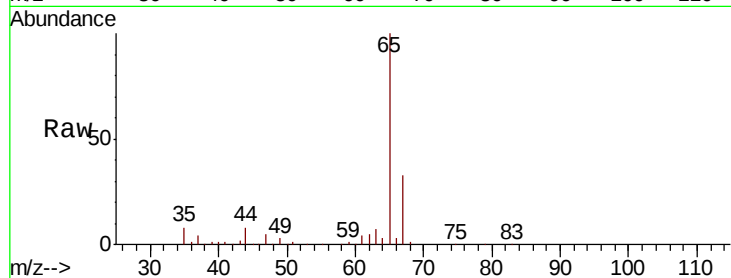
64 67.1 22.9 42.5#

Manual Integrations

APPROVED

MMDadoda

10/12/2020 1:28:33 PM



#13

Acetone

Concen: 19.047 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV018710.D

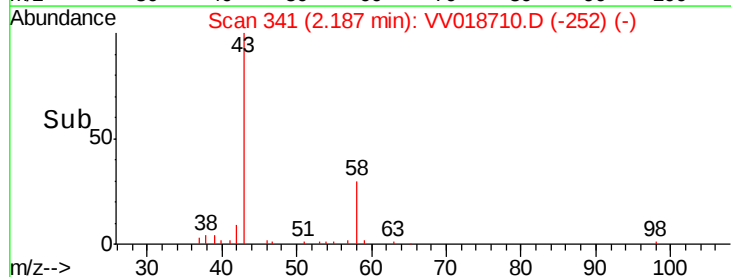
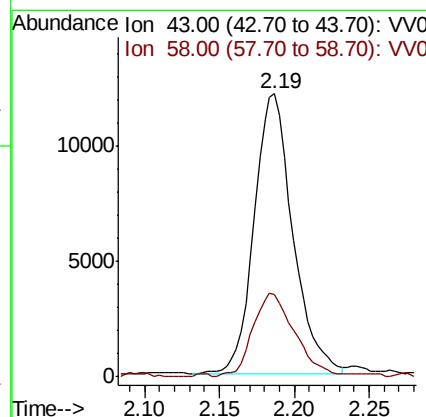
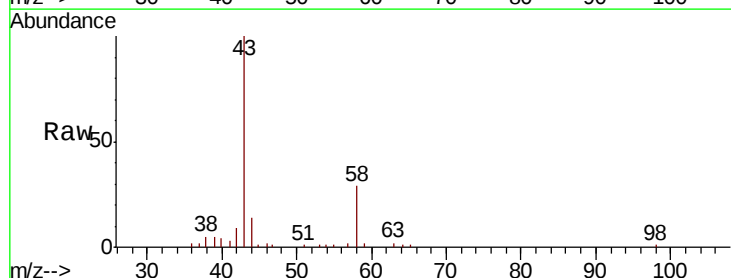
Acq: 06 Oct 2020 23:56

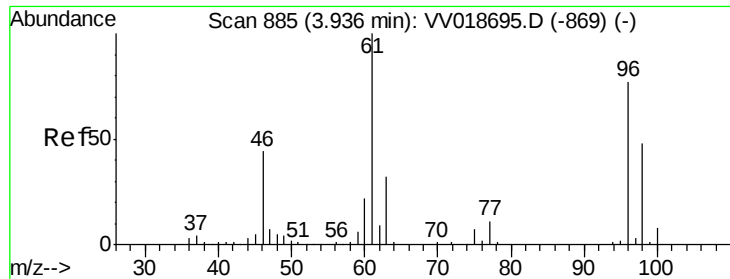
Tgt Ion: 43 Resp: 21848

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.0





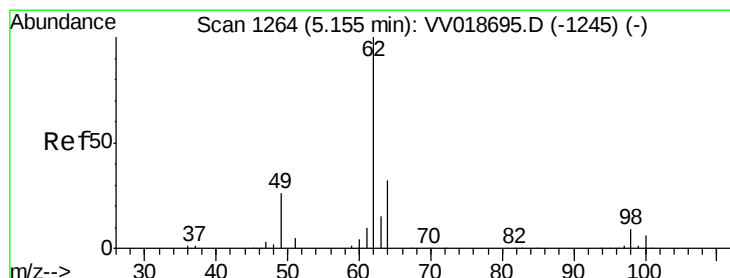
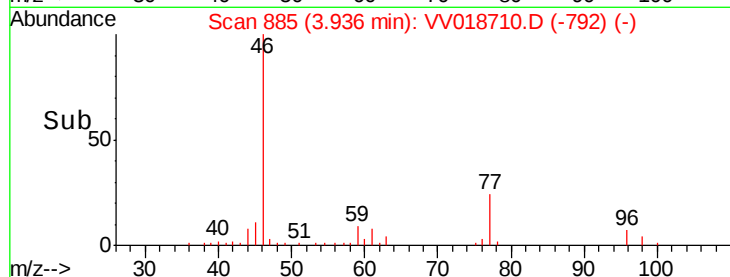
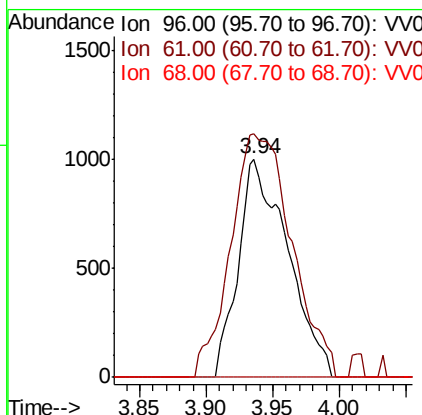
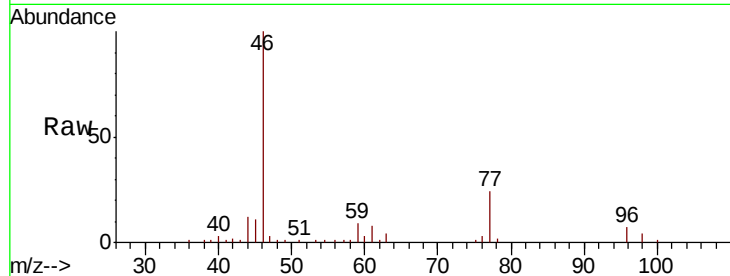
#20
 cis-1,2-Dichloroethene
 Concen: 1.121 ug/L m
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV018710.D
 Acq: 06 Oct 2020 23:56

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH0

Tot Ion	Ratio	Lower	Upper
96	100		
61	111.6	86.8	161.2
68	0.0	0.0	0.0

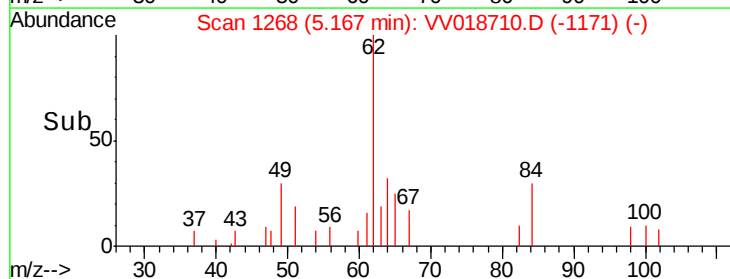
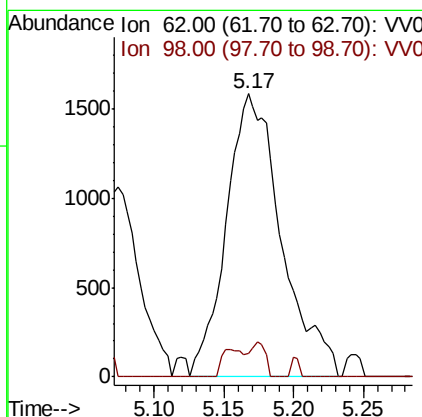
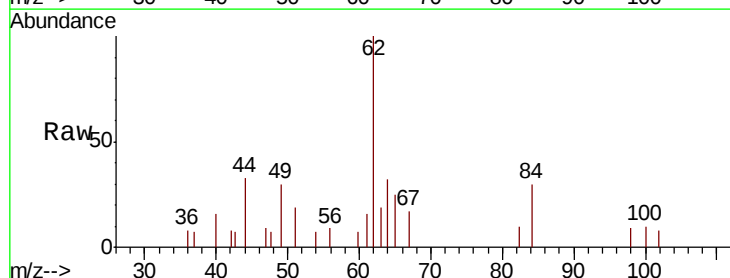
Manual Integrations
 APPROVED

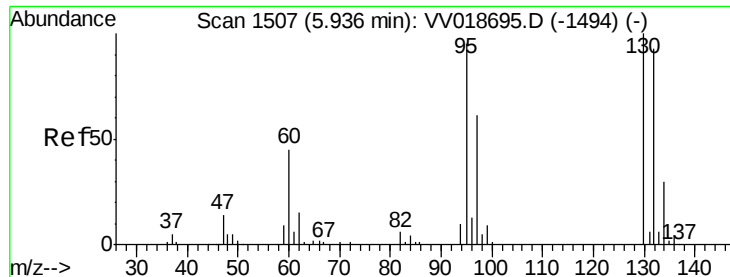
MMDadoda
 10/12/2020 1:28:33 PM



#27
 1,2-Dichloroethane
 Concen: 1.394 ug/L m
 RT: 5.17 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VV018710.D
 Acq: 06 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	7.7	11.5





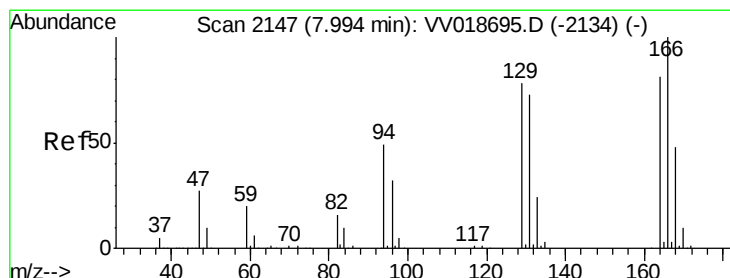
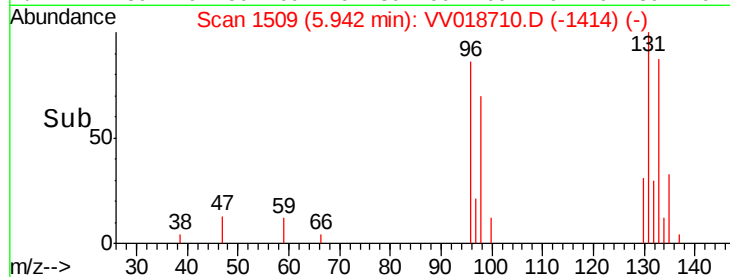
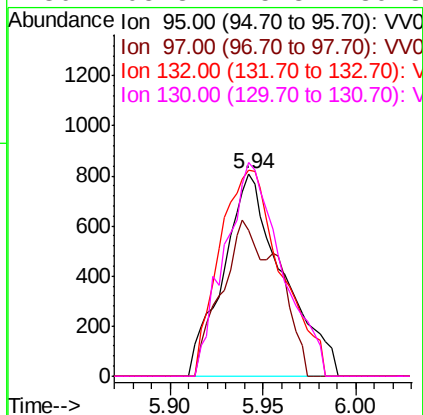
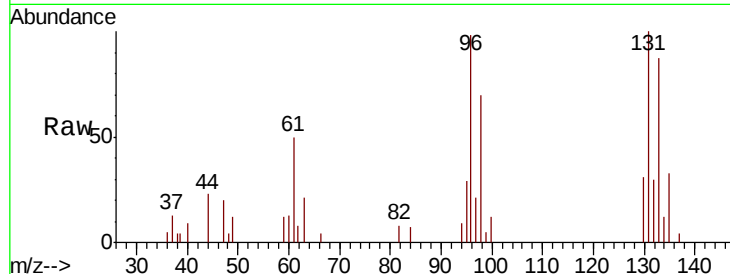
#34
 Trichloroethene
 Concen: 0.780 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018710.D
 Acq: 06 Oct 2020 23:56

Instrument :
 MSVOA_V
 ClientSampleId :
 COAH0

Tot Ion:	95	Resp:	1807
Ion	Ratio	Lower	Upper
95	100		
97	72.2	45.9	85.3
132	101.6	70.8	131.4
130	105.3	75.3	139.8

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 1:28:33 PM



#46
 Tetrachloroethene
 Concen: 2.526 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018710.D
 Acq: 06 Oct 2020 23:56

Tgt Ion:	164	Resp:	4747
Ion	Ratio	Lower	Upper
164	100		
129	101.8	62.8	116.6
131	99.0	60.8	112.8
166	150.6	88.9	165.1

