

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018705.D
 Acq On : 06 Oct 2020 21:58
 Operator : SY/MD
 Sample : L4287-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 1:29:13 PM

Quant Time: Oct 07 08:03:44 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	227640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230333	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	108699	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77181	57.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.62%
7) Chloroethane-d5	1.58	69	68612	62.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.32%
11) 1,1-Dichloroethene-d2	2.12	63	123256	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
21) 2-Butanone-d5	3.92	46	97595	98.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.38	84	148931	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
26) 1,2-Dichloroethane-d4	5.06	65	104374	56.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.90%
32) Benzene-d6	5.08	84	290019	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
36) 1,2-Dichloropropane-d6	6.09	67	90020	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.14%
41) Toluene-d8	7.34	98	258930	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.64	79	42691	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.66%
47) 2-Hexanone-d5	8.11	63	55956	83.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98093	41.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	110582	52.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	9654	5.544 ug/L	# 78
13) Acetone	2.20	43	3564m	4.142 ug/L	
17) trans-1,2-Dichloroethene	2.79	96	2994	1.841 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	193013	111.691 ug/L	93
34) Trichloroethene	5.94	95	98379	50.078 ug/L	96
46) Tetrachloroethene	8.00	164	810651	508.632 ug/L	95

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

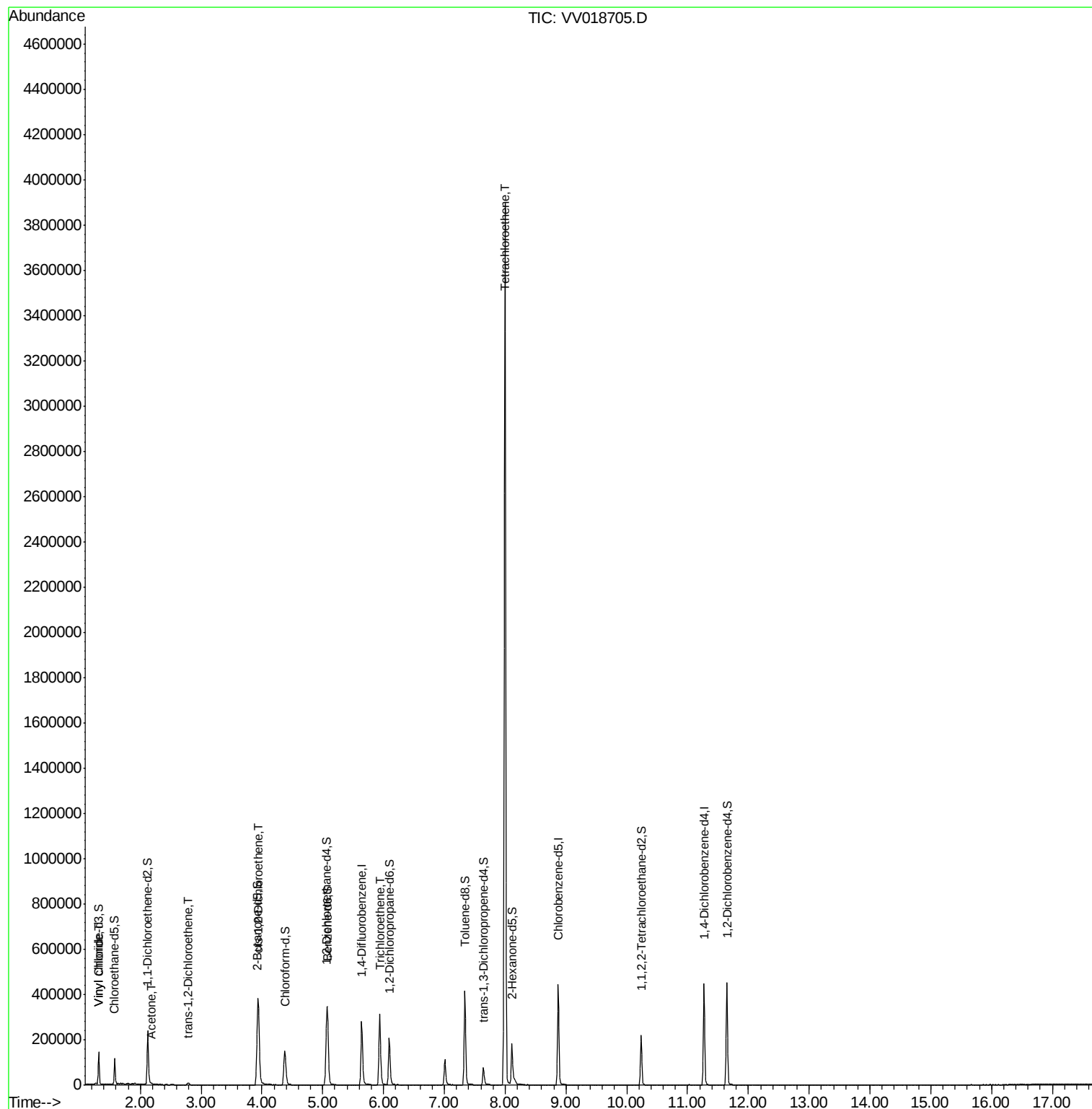
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
Data File : VV018705.D
Acq On : 06 Oct 2020 21:58
Operator : SY/MD
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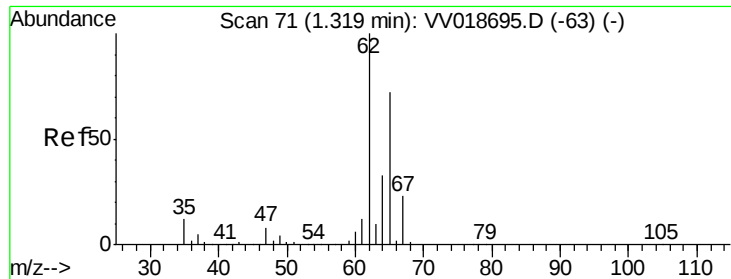
Instrument :
MSVOA_V
ClientSampleId :
C0AB3

Manual Integrations
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Quant Time: Oct 07 08:03:44 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





#5

Vinyl chloride

Concen: 5.544 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018705.D

Acq: 06 Oct 2020 21:58

Instrument :

MSVOA_V

ClientSampled :

C0AB3

Tot Ion: 62 Resp: 9654

Ion Ratio Lower Upper

62 100

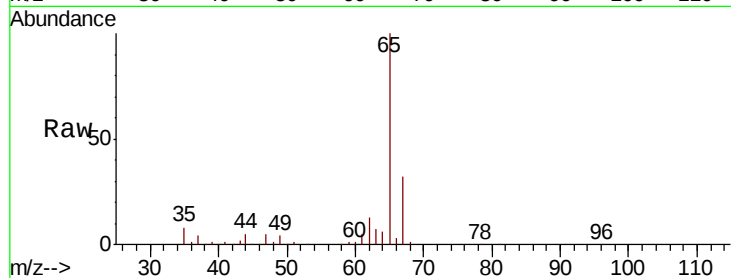
64 45.1 22.9 42.5#

Manual Integrations

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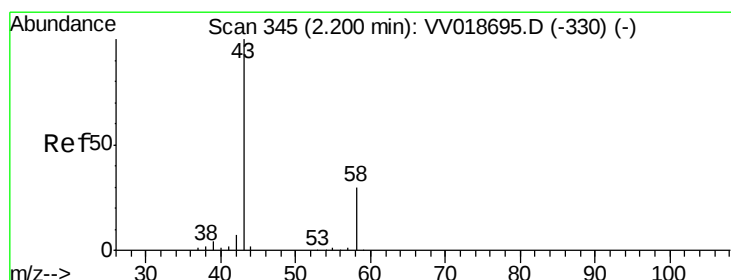
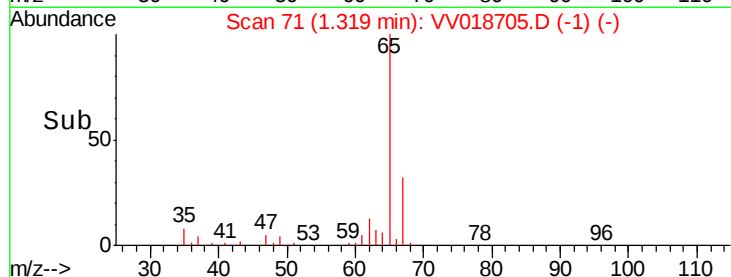
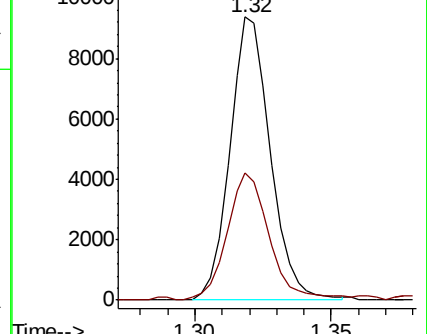
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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#13

Acetone

Concen: 4.142 ug/L m

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018705.D

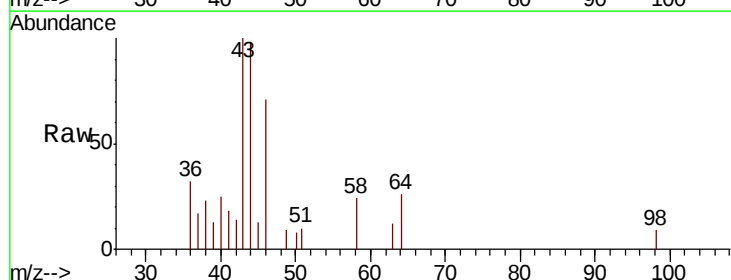
Acq: 06 Oct 2020 21:58

Tgt Ion: 43 Resp: 3564

Ion Ratio Lower Upper

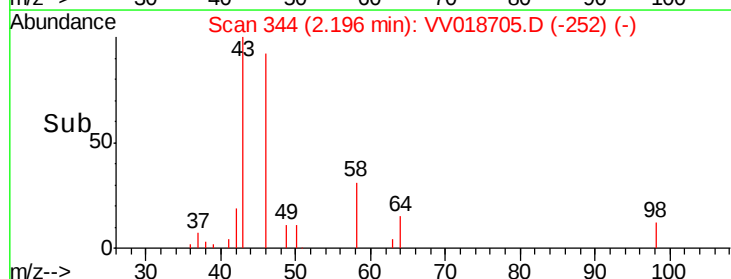
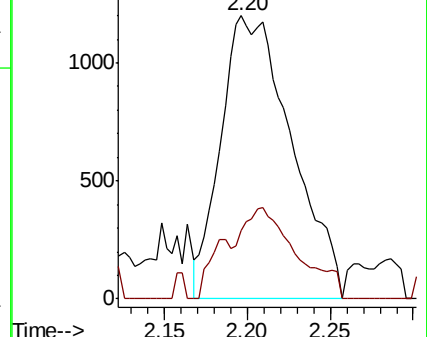
43 100

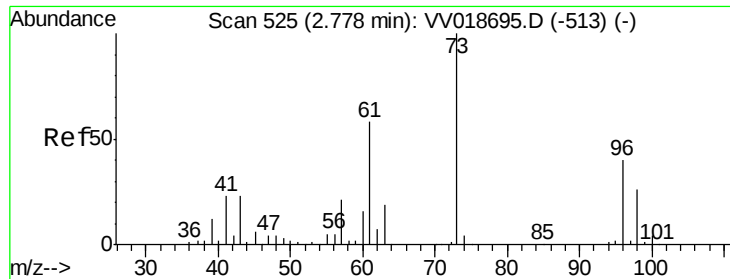
58 6.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





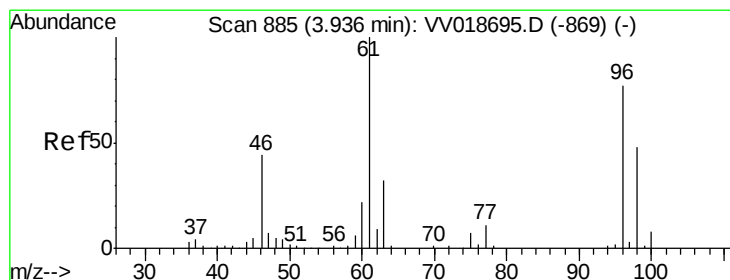
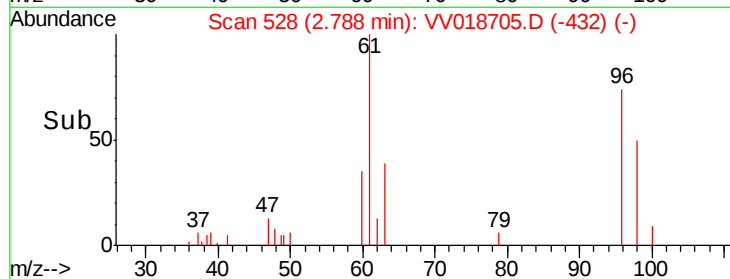
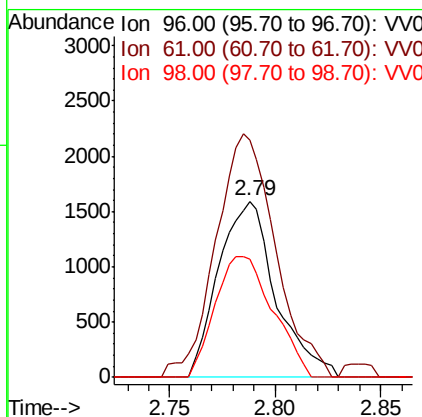
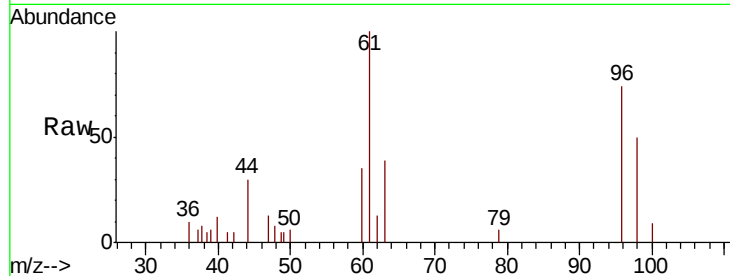
#17
trans-1,2-Dichloroethene
Concen: 1.841 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.01 min
Lab File: VV018705.D
Acq: 06 Oct 2020 21:58

Instrument :
MSVOA_V
ClientSampled :
C0AB3

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.9	95.0	176.4
98	67.0	44.6	82.8

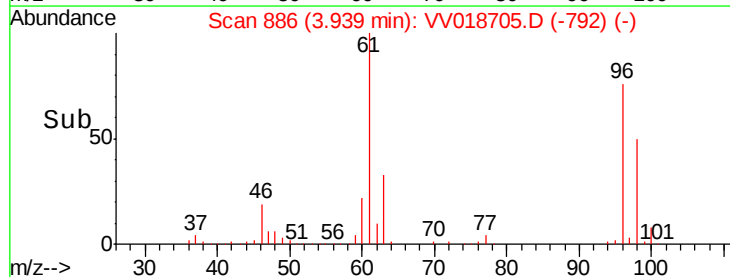
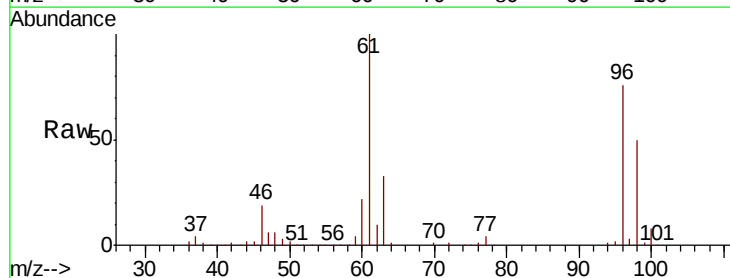
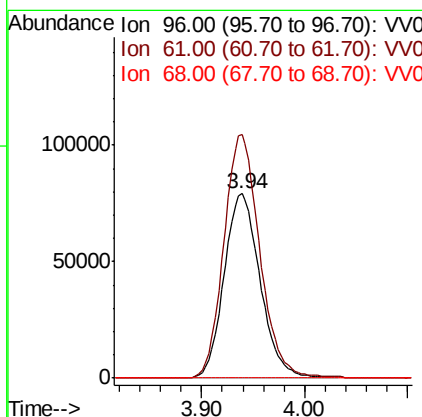
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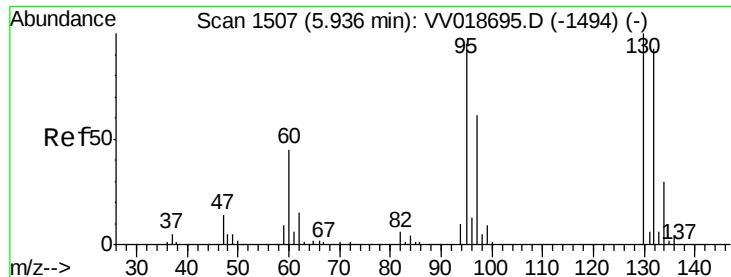
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#20
cis-1,2-Dichloroethene
Concen: 111.691 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018705.D
Acq: 06 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.0	86.8	161.2
68	0.0	0.0	0.0





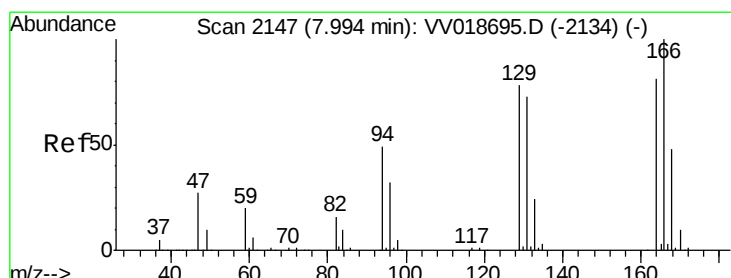
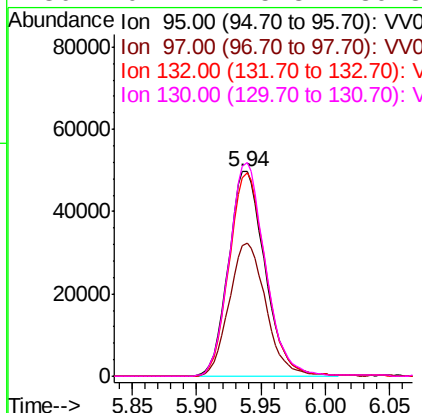
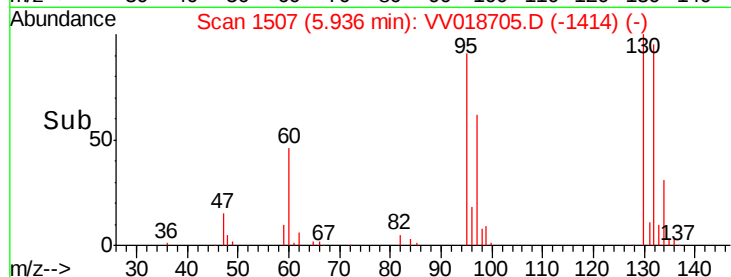
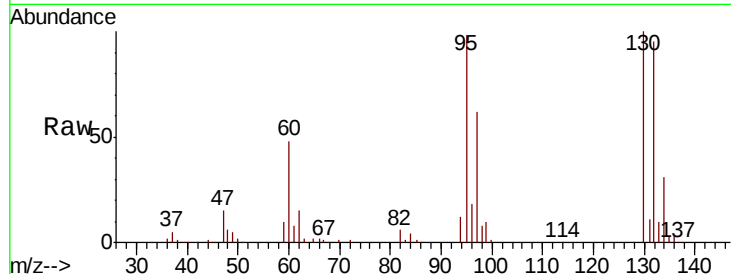
#34
 Trichloroethene
 Concen: 50.078 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018705.D
 Acq: 06 Oct 2020 21:58

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Tot Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.9	85.3
132	97.2	70.8	131.4
130	102.4	75.3	139.8

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 508.632 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018705.D
 Acq: 06 Oct 2020 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.7	62.8	116.6
131	94.5	60.8	112.8
166	128.2	88.9	165.1

