

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018703.D
 Acq On : 06 Oct 2020 21:11
 Operator : SY/MD
 Sample : L4287-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK5

Manual Integrations
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 10/12/2020 1:29:03 PM

Quant Time: Oct 07 07:55:52 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	276276	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137604	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83093	51.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.56%
7) Chloroethane-d5	1.58	69	72829	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.72%
11) 1,1-Dichloroethene-d2	2.12	63	142937	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
21) 2-Butanone-d5	3.92	46	112115	92.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.76%
24) Chloroform-d	4.38	84	161460	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.06	65	114307	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
32) Benzene-d6	5.08	84	311450	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.09	67	101028	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.40%
41) Toluene-d8	7.34	98	313848	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%
43) trans-1,3-Dichloropropene-	7.64	79	51129	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.11	63	74923	91.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	118218	41.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	117830	44.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.06%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	9703	4.591 ug/L #	81
12) 1,1-Dichloroethene	2.13	96	21516	12.476 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	148701	75.351 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	4741608m	2260.807 ug/L	
34) Trichloroethene	5.94	95	3531404	1464.789 ug/L	93
46) Tetrachloroethene	8.02	164	11869299	6068.512 ug/L	87
58) 1,1,2,2-Tetrachloroethane	10.26	83	8511	2.863 ug/L	88

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

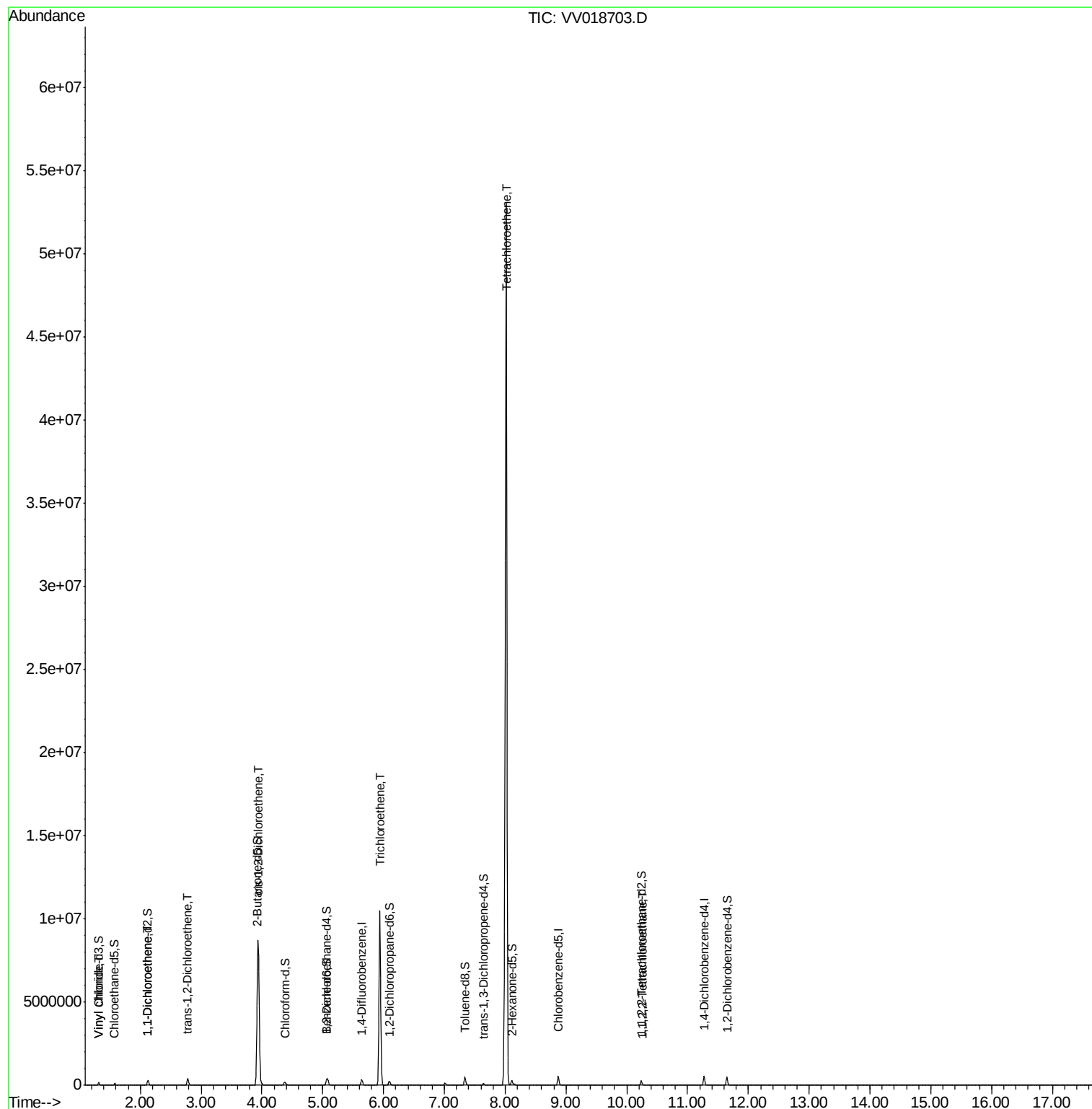
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100720\
Data File : VV018703.D
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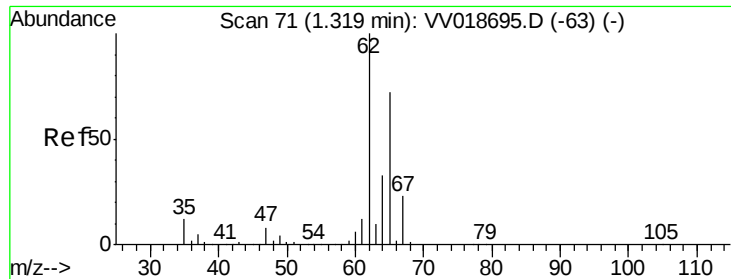
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Oct 07 07:55:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.591 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

Instrument :

MSVOA_V

ClientSampled :

C0AK5

Tot Ion: 62 Resp: 9703

Ion Ratio Lower Upper

62 100

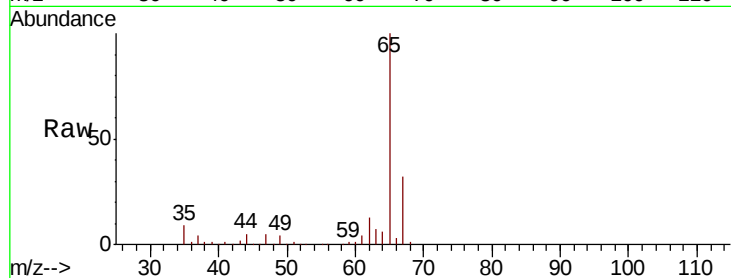
64 43.2 22.9 42.5#

Manual Integrations

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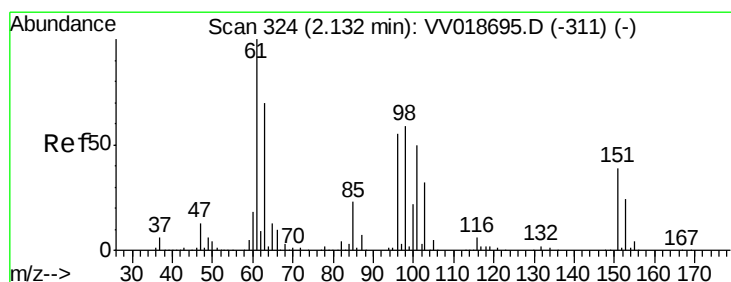
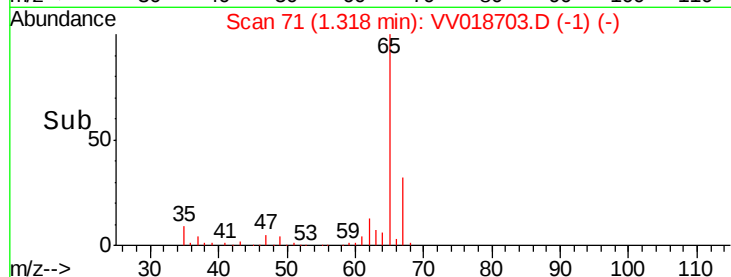
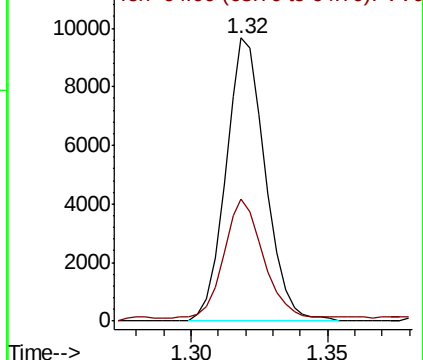
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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 12.476 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

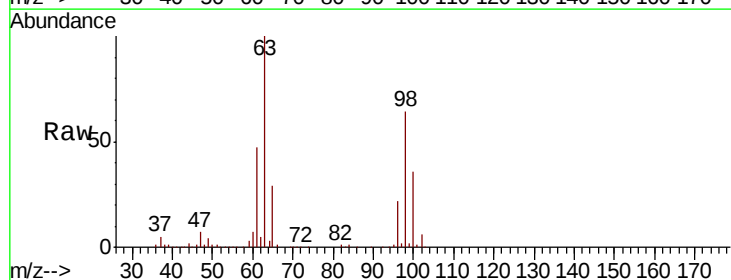
Tgt Ion: 96 Resp: 21516

Ion Ratio Lower Upper

96 100

61 217.2 122.8 228.1

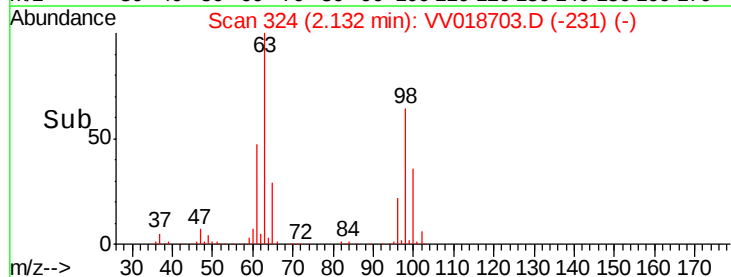
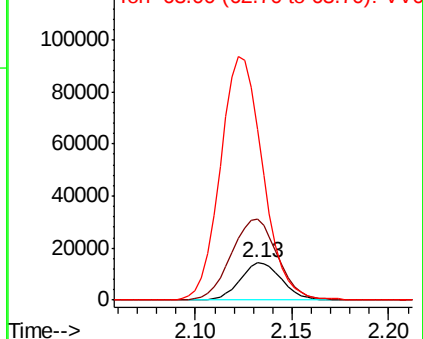
63 457.9 91.9 170.7#

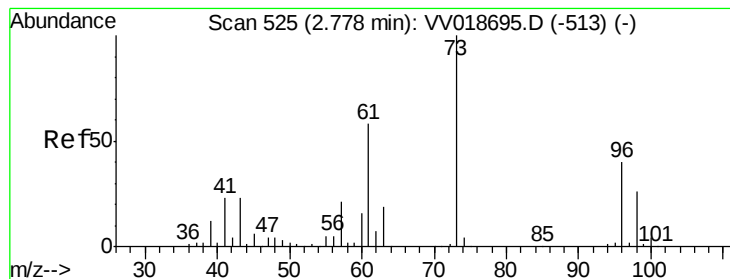


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 75.351 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

Instrument :

MSVOA_V

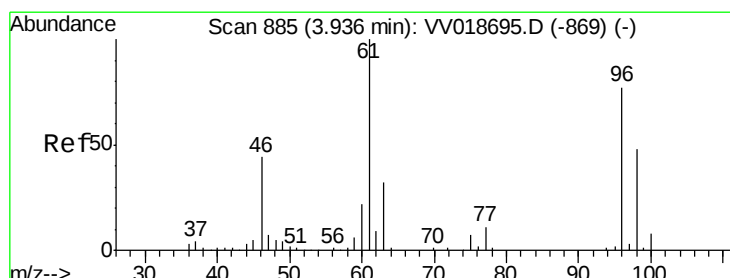
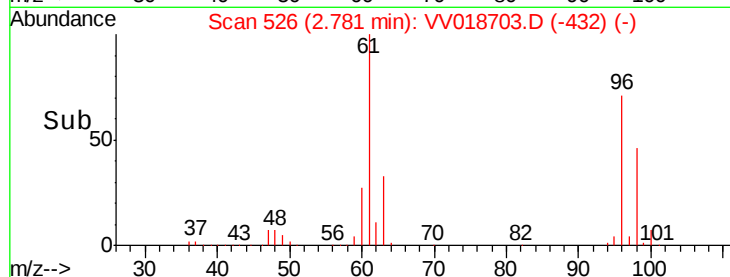
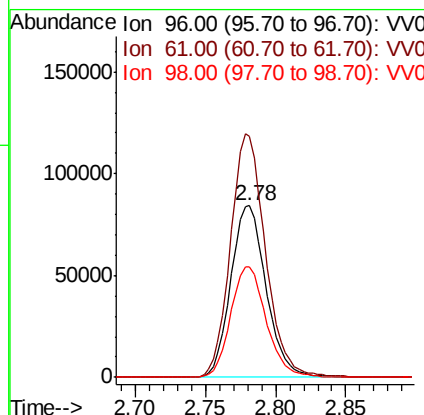
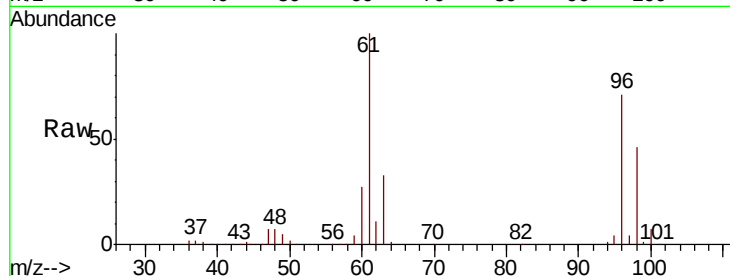
ClientSampleId :

C0AK5

Tot Ion:	96	Resp:	148701
Ion	Ratio	Lower	Upper
96	100		
61	140.5	95.0	176.4
98	64.7	44.6	82.8

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#20

cis-1,2-Dichloroethene

Concen: 2260.807 ug/L m

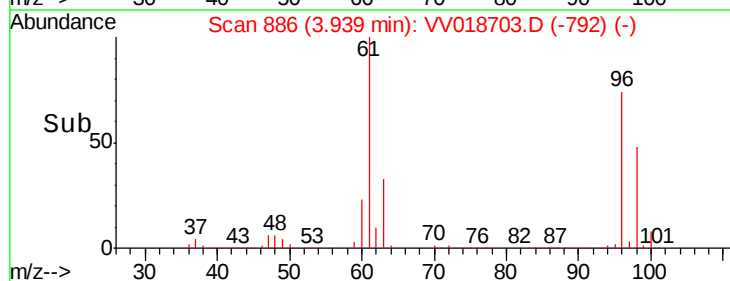
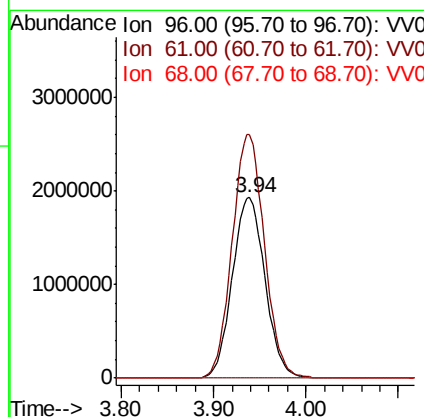
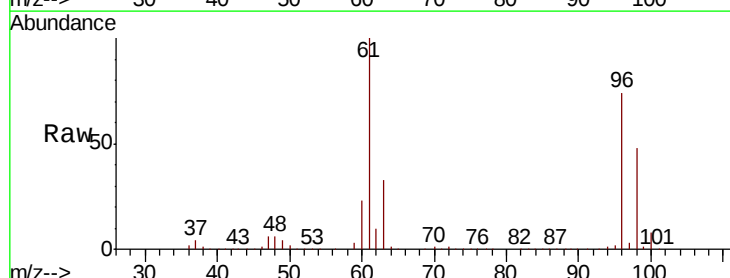
RT: 3.94 min Scan# 886

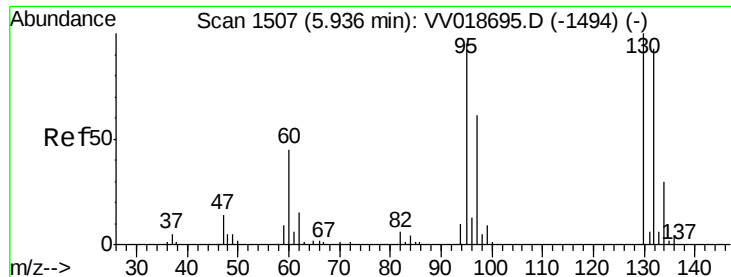
Delta R.T. 0.00 min

Lab File: VV018703.D

Acq: 06 Oct 2020 21:11

Tgt Ion:	96	Resp:	4741608
Ion	Ratio	Lower	Upper
96	100		
61	134.9	86.8	161.2
68	0.0	0.0	0.0#





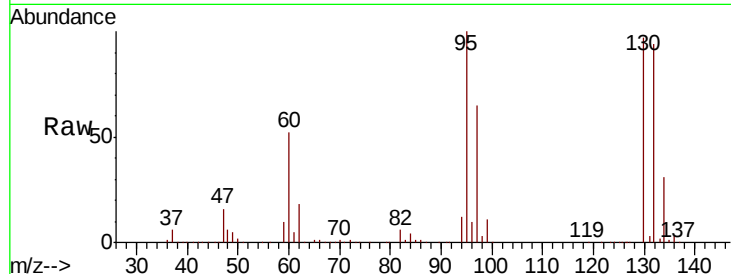
#34
 Trichloroethene
 Concen: 1464.789 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018703.D
 Acq: 06 Oct 2020 21:11

Instrument :
 MSVOA_V
 ClientSampled :
 C0AK5

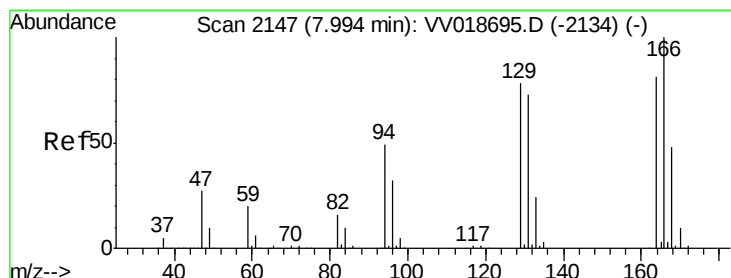
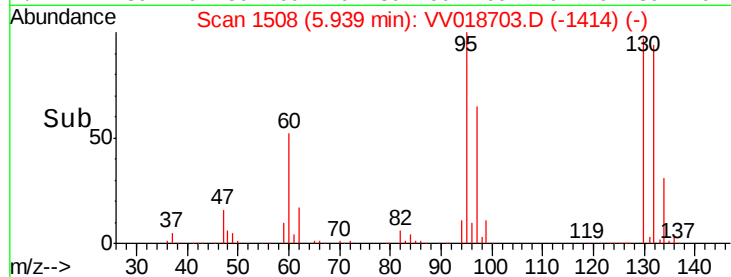
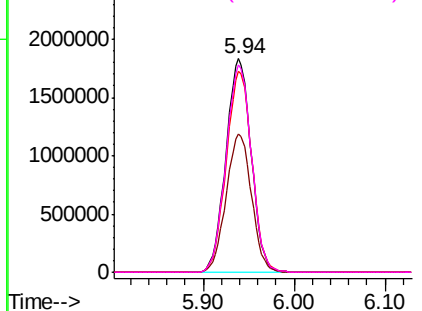
Tot Ion: 95 Resp: 3531404
 Ion Ratio Lower Upper
 95 100
 97 64.9 45.9 85.3
 132 94.1 70.8 131.4
 130 96.9 75.3 139.8

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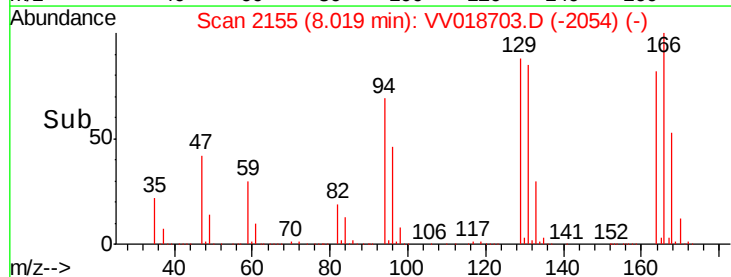
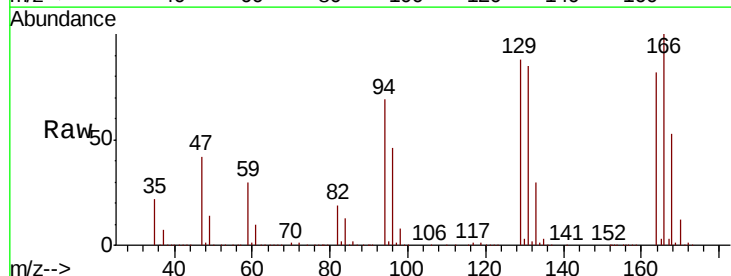
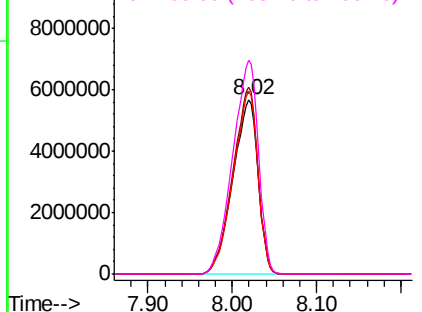
Abundance Ion 95.00 (94.70 to 95.70): VV018695.D (-1494) (-)
 Ion 97.00 (96.70 to 97.70): VV018695.D (-1494) (-)
 Ion 132.00 (131.70 to 132.70): VV018695.D (-1494) (-)
 Ion 130.00 (129.70 to 130.70): VV018695.D (-1494) (-)

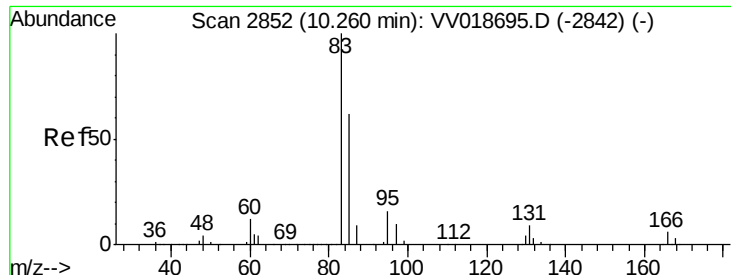


#46
 Tetrachloroethene
 Concen: 6068.512 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.03 min
 Lab File: VV018703.D
 Acq: 06 Oct 2020 21:11

Tgt Ion: 164 Resp: 11869299
 Ion Ratio Lower Upper
 164 100
 129 107.6 62.8 116.6
 131 104.7 60.8 112.8
 166 122.5 88.9 165.1

Abundance Ion 164.00 (163.70 to 164.70): VV018695.D (-2134) (-)
 Ion 129.00 (128.70 to 129.70): VV018695.D (-2134) (-)
 Ion 131.00 (130.70 to 131.70): VV018695.D (-2134) (-)
 Ion 166.00 (165.70 to 166.70): VV018695.D (-2134) (-)





#58
 1,1,2,2-Tetrachloroethane
 Concen: 2.863 ug/L
 RT: 10.26 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: VV018703.D
 Acq: 06 Oct 2020 21:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK5

Tot Ion	Ratio	Resp	Lower	Upper
83	100	8511		
85	74.4		44.5	82.7
131	11.8		8.6	12.8

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