

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018711.D
 Acq On : 07 Oct 2020 00:20
 Operator : SY/MD
 Sample : L4287-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH4

Manual Integrations
 APPROVED

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 10/12/2020 1:28:37 PM

Quant Time: Oct 07 08:28:59 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	282081	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310840	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120080	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	75357	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.10%
7) Chloroethane-d5	1.58	69	62505	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.38%
11) 1,1-Dichloroethene-d2	2.12	63	119165	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.70%
21) 2-Butanone-d5	3.90	46	122976	99.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.66%
24) Chloroform-d	4.37	84	152174	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.08%
26) 1,2-Dichloroethane-d4	5.05	65	108704	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
32) Benzene-d6	5.07	84	294654	37.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.84%
36) 1,2-Dichloropropane-d6	6.09	67	99303	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.48%
41) Toluene-d8	7.34	98	257916	34.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.64%#
43) trans-1,3-Dichloropropene-	7.64	79	45717	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.14%
47) 2-Hexanone-d5	8.11	63	66701	73.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	113567	36.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	109141	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	3387	1.570 ug/L #	61
13) Acetone	2.18	43	3958	3.712 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	2359m	1.102 ug/L	
42) Toluene	7.41	91	13169	1.333 ug/L	99
46) Tetrachloroethene	8.00	164	3775	1.755 ug/L	95

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

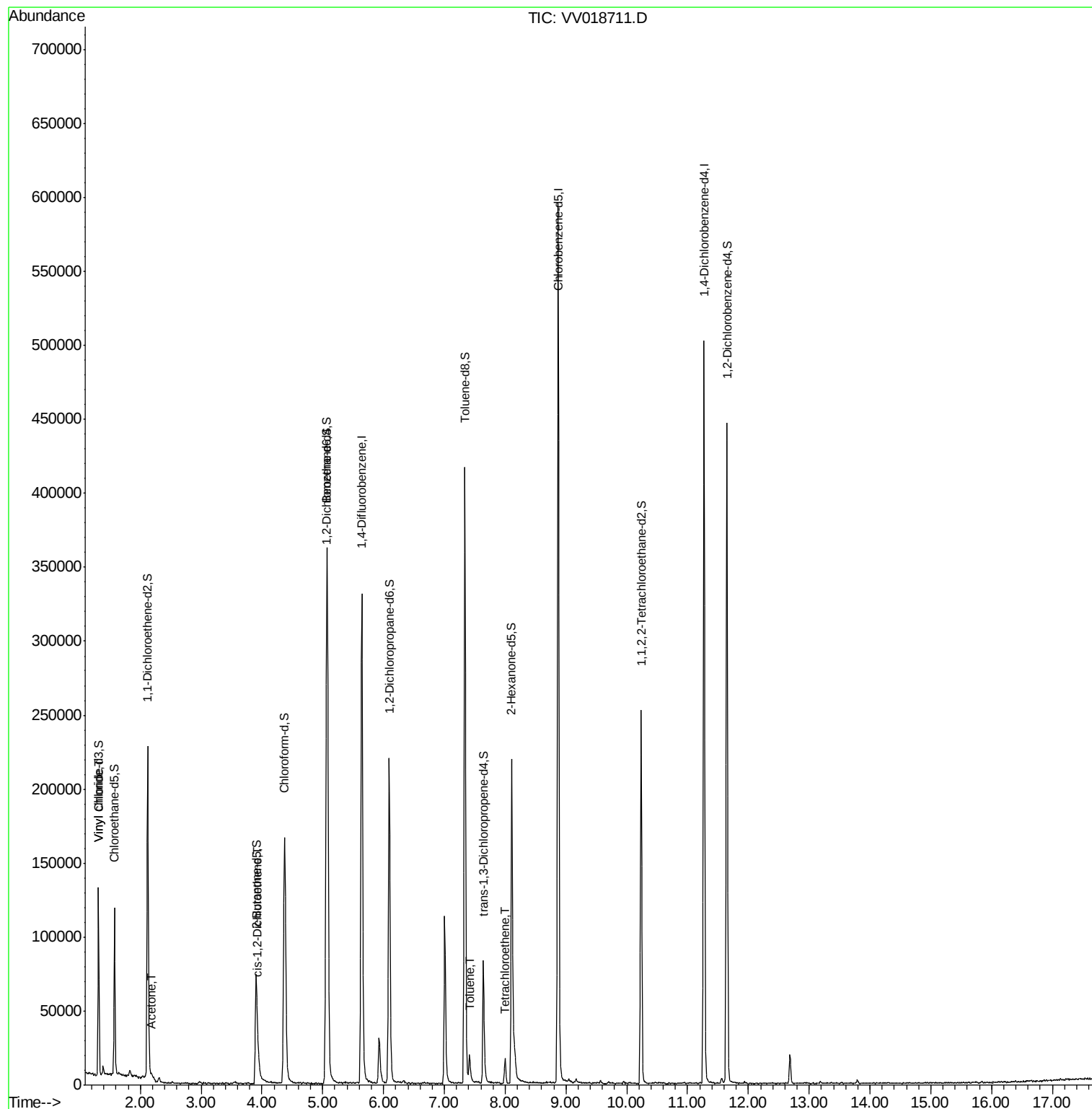
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100720\
Data File : VV018711.D
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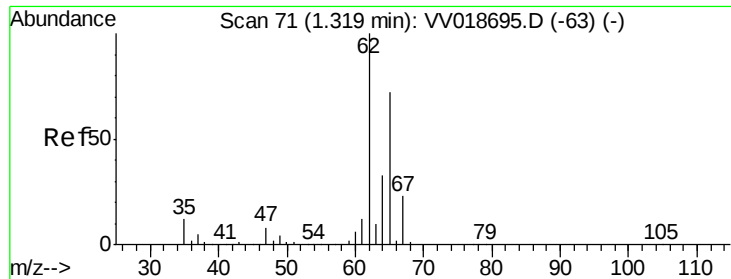
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Quant Time: Oct 07 08:28:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.570 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018711.D

Acq: 07 Oct 2020 00:20

Instrument :

MSVOA_V

ClientSampleId :

C0AH4

Tot Ion: 62 Resp: 3387

Ion Ratio Lower Upper

62 100

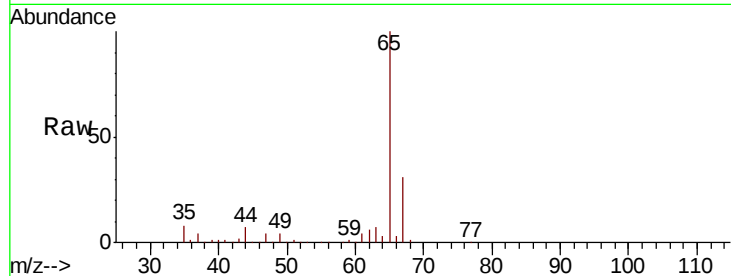
64 54.6 22.9 42.5#

Manual Integrations

APPROVED

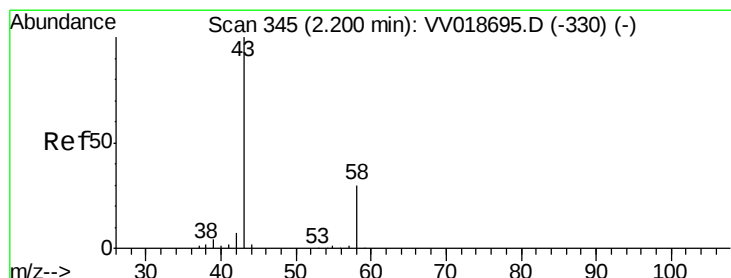
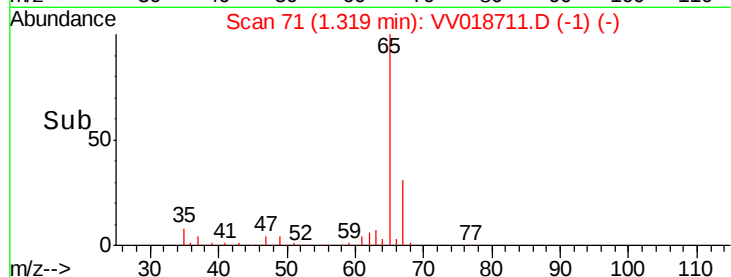
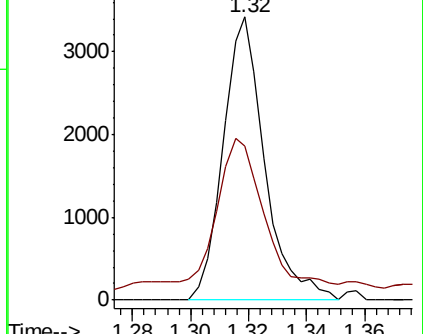
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Abundance Ion 62.00 (61.70 to 62.70): VV018695.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV018695.D (-63) (-)



#13

Acetone

Concen: 3.712 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV018711.D

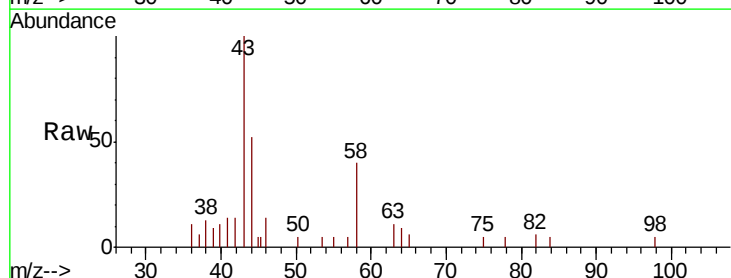
Acq: 07 Oct 2020 00:20

Tgt Ion: 43 Resp: 3958

Ion Ratio Lower Upper

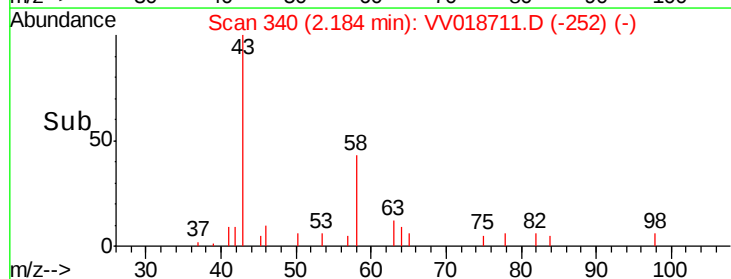
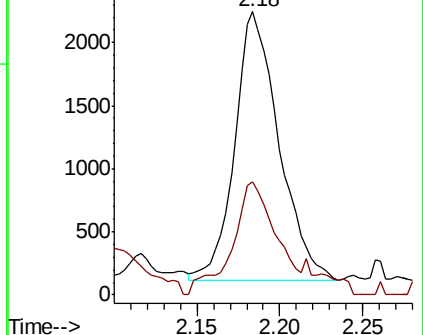
43 100

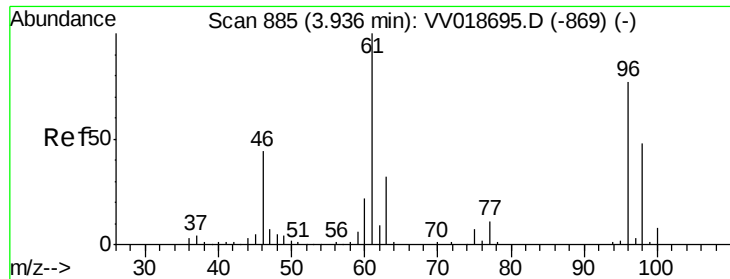
58 31.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018695.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018695.D (-330) (-)





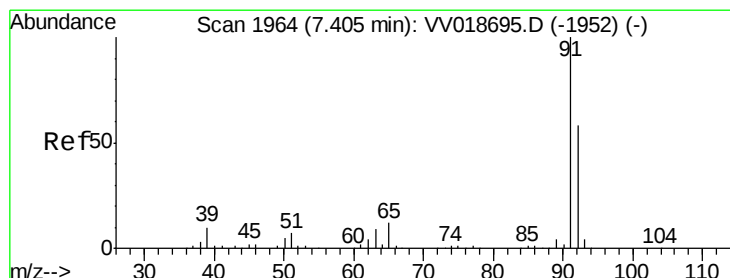
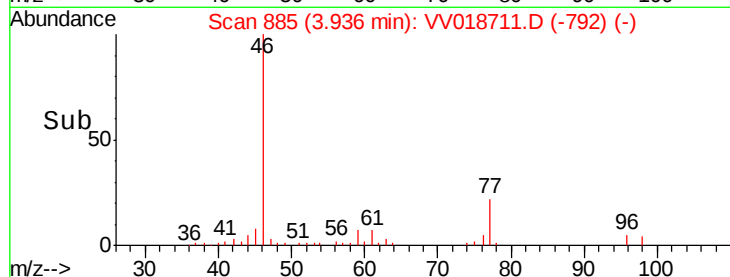
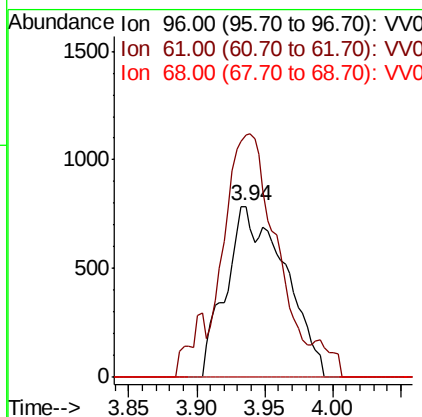
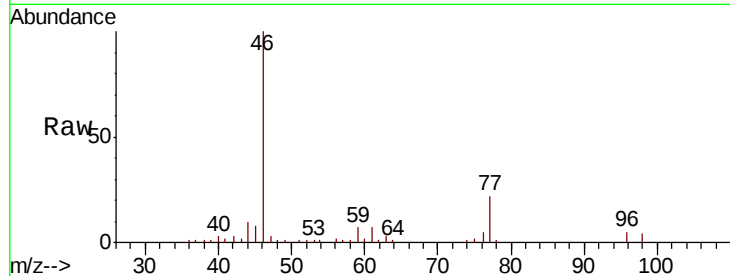
#20
 cis-1,2-Dichloroethene
 Concen: 1.102 ug/L m
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV018711.D
 Acq: 07 Oct 2020 00:20

Instrument :
 MSVOA_V
 ClientSampled :
 C0AH4

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	86.8	161.2
68	0.0	0.0	0.0

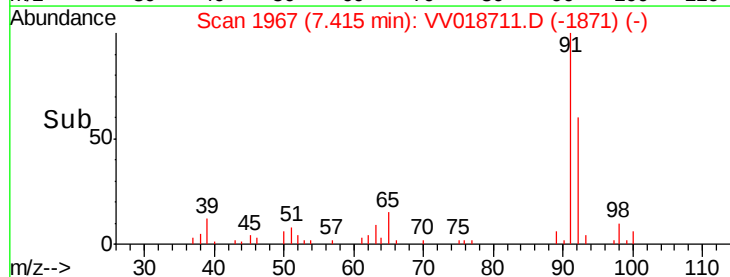
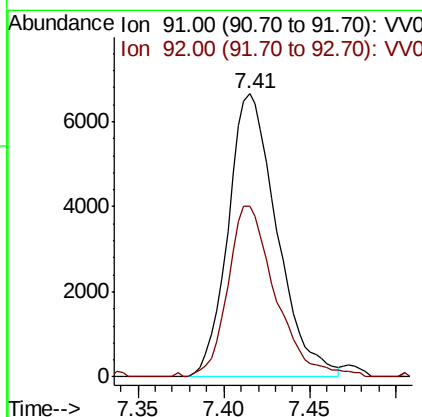
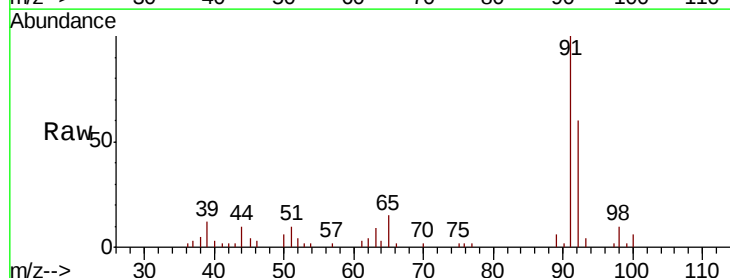
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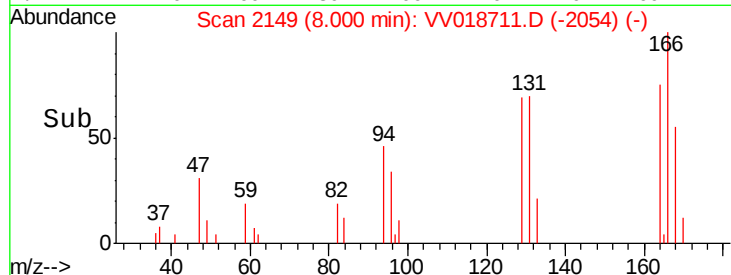
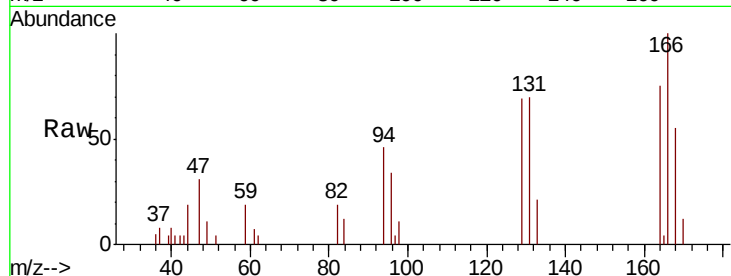
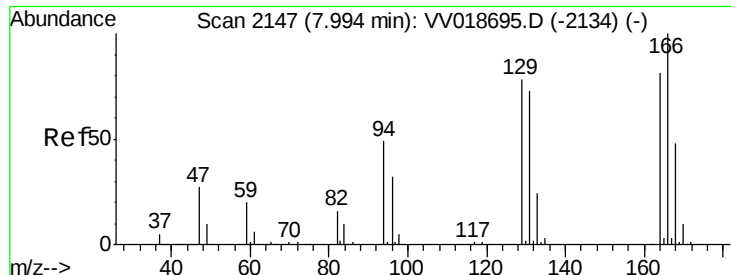
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#42
 Toluene
 Concen: 1.333 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV018711.D
 Acq: 07 Oct 2020 00:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.3	41.6	77.3





#46

Tetrachloroethene

Concen: 1.755 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018711.D

Acq: 07 Oct 2020 00:20

Tot Ion:	164	Resp:	3775
Ion	Ratio	Lower	Upper
164	100		
129	92.4	62.8	116.6
131	93.6	60.8	112.8
166	133.2	88.9	165.1

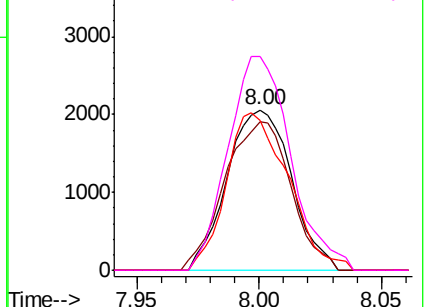
Abundance

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 :

C0AH4

Manual Integrations
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