

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018735.D
 Acq On : 07 Oct 2020 17:10
 Operator : SY/MD
 Sample : L4254-02 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 02:55:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82700	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.46%
7) Chloroethane-d5	1.58	69	72937	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.12	63	131828	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	3.92	46	112768	79.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.02%
24) Chloroform-d	4.38	84	171121	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	5.06	65	131028	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
32) Benzene-d6	5.08	84	371519	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.09	67	118366	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.24%
41) Toluene-d8	7.34	98	324715	41.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.04%
43) trans-1,3-Dichloropropene-	7.64	79	53825	39.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.34%
47) 2-Hexanone-d5	8.11	63	68105	71.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106008	31.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.66%#
64) 1,2-Dichlorobenzene-d4	11.65	152	115618	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

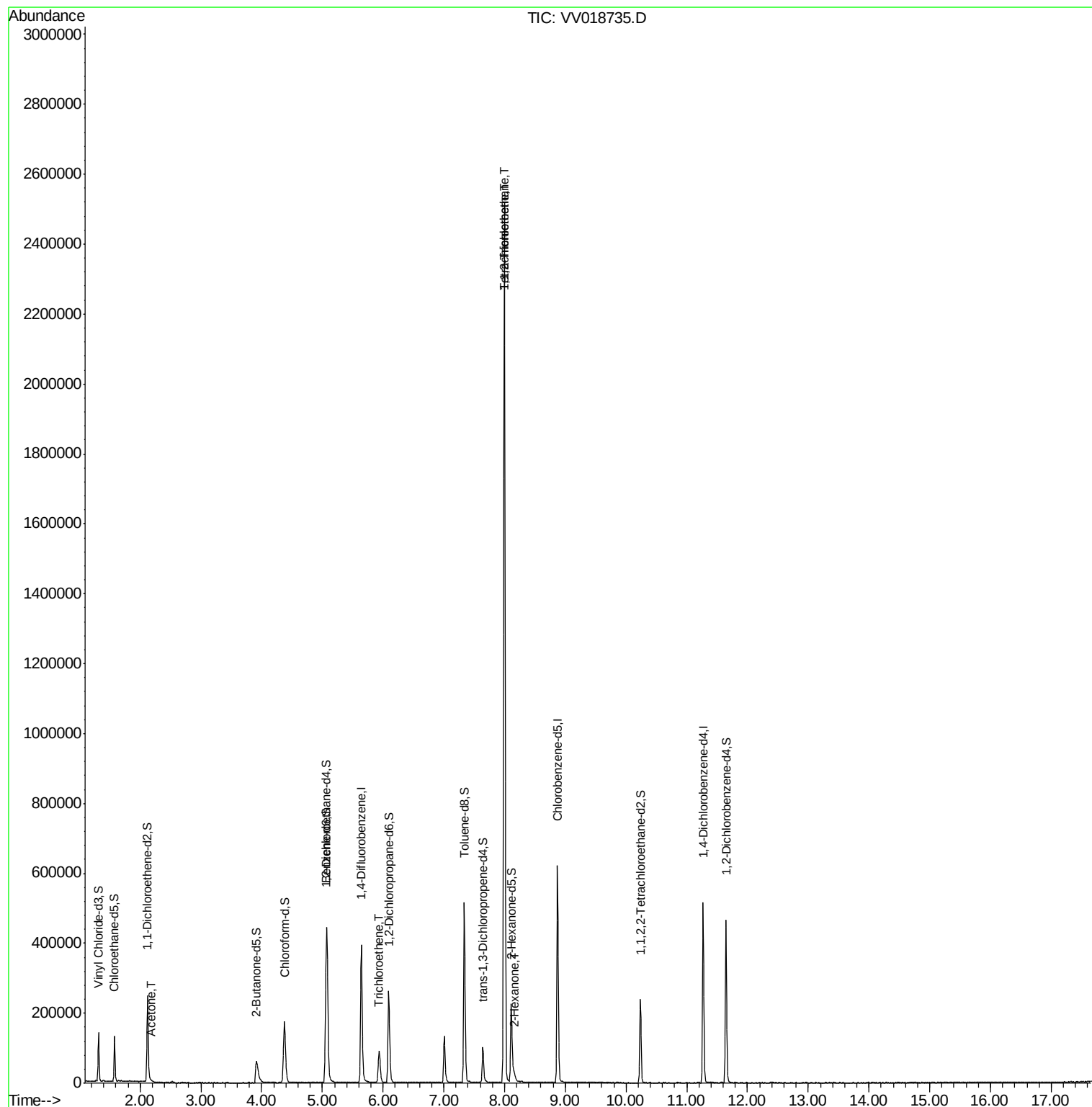
					Ovalue
13) Acetone	2.20	43	3650	2.960 ug/L	71
34) Trichloroethene	5.94	95	21628	7.726 ug/L	96
45) 1,1,2-Trichloroethane	7.99	97	4646	1.897 ug/L #	1
46) Tetrachloroethene	8.00	164	529241	233.045 ug/L	96
48) 2-Hexanone	8.16	43	12428	4.990 ug/L #	91

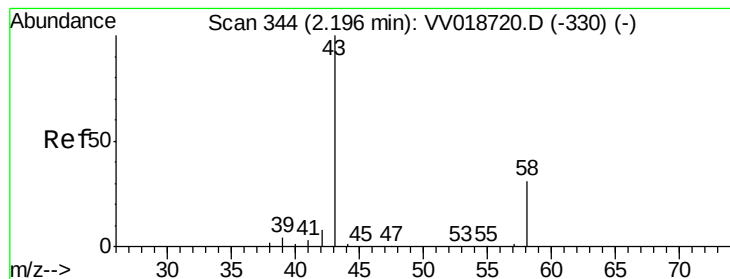
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 02:46:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.960 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018735.D

Acq: 07 Oct 2020 17:10

Instrument :

MSVOA_V

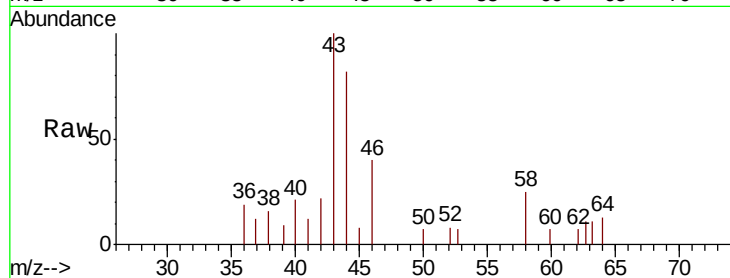
ClientSampleId :

Tot Ion: 43 Resp: 3650

Ion Ratio Lower Upper

43 100

58 15.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018735.D (-251) (-)

Ion 58.00 (57.70 to 58.70): VV018735.D (-251) (-)

2.20

1500

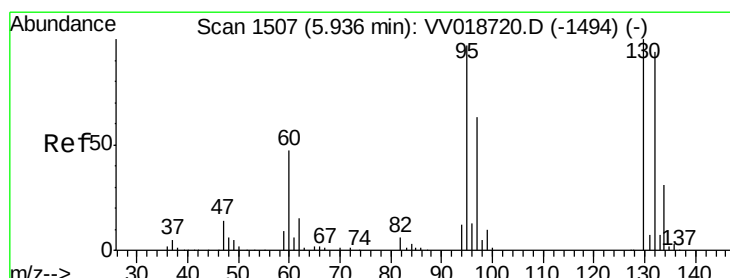
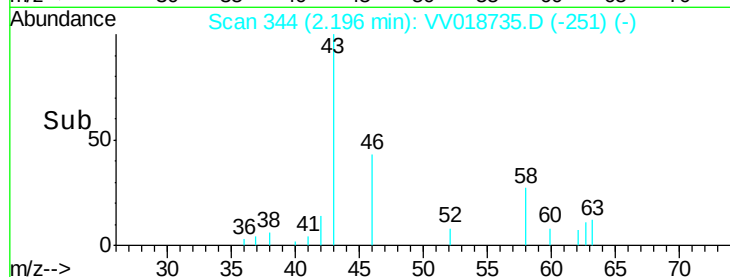
1000

500

0

Time-->

2.15 2.20 2.25



#34

Trichloroethene

Concen: 7.726 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018735.D

Acq: 07 Oct 2020 17:10

Tgt Ion: 95 Resp: 21628

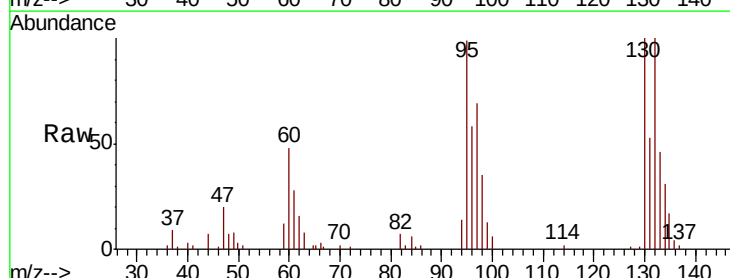
Ion Ratio Lower Upper

95 100

97 69.5 45.9 85.3

132 101.1 70.8 131.4

130 101.1 75.3 139.8



Abundance Ion 95.00 (94.70 to 95.70): VV018735.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018735.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018735.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018735.D (-1414) (-)

15000

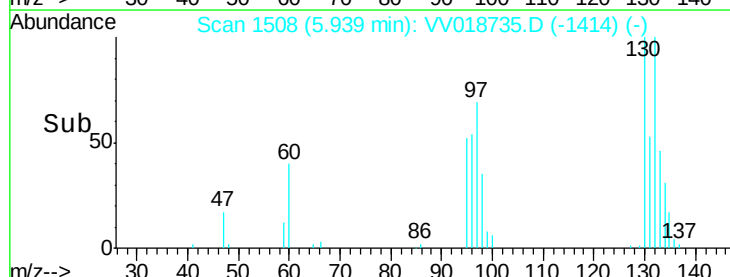
10000

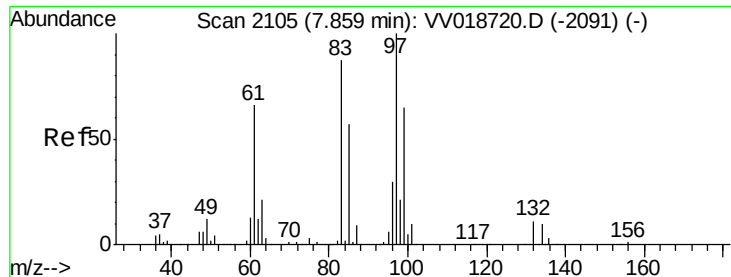
5000

0

Time-->

5.90 5.95 6.00

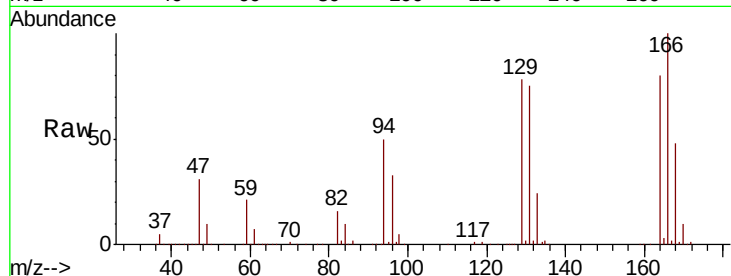




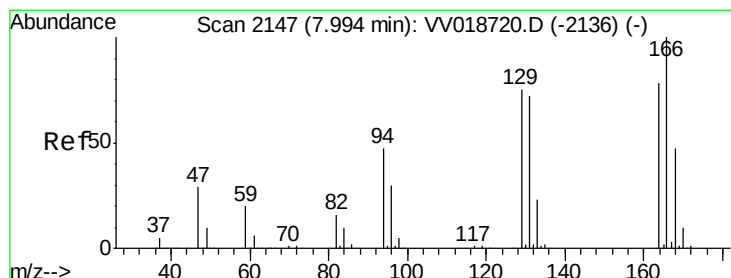
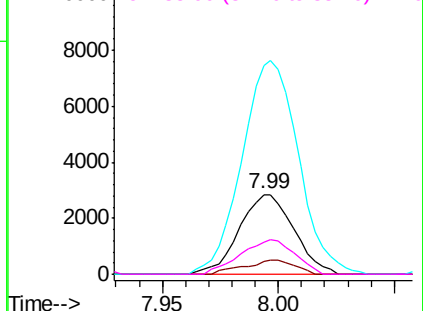
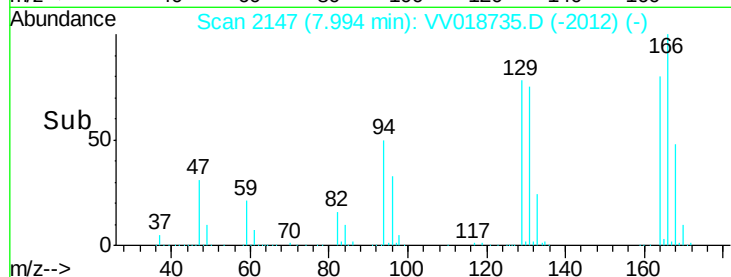
#45
 1,1,2-Trichloroethane
 Concen: 1.897 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.13 min
 Lab File: VV018735.D
 Acq: 07 Oct 2020 17:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp: 4646
 Ion Ratio Lower Upper
 97 100
 99 15.5 43.3 80.3#
 83 262.8 60.5 112.5#
 85 40.0 38.3 71.1

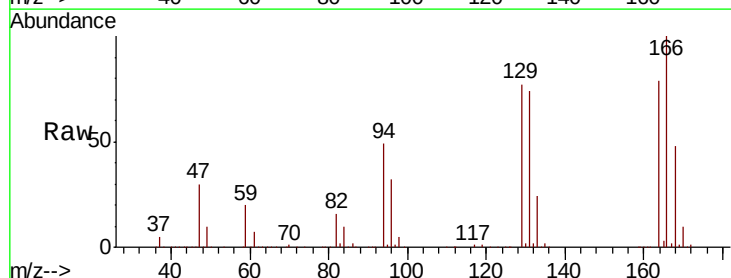


Abundance Ion 97.00 (96.70 to 97.70): VV018735.D (-2147) (-)
 Ion 99.00 (98.70 to 99.70): VV018735.D (-2147) (-)
 Ion 83.00 (82.70 to 83.70): VV018735.D (-2147) (-)
 Ion 85.00 (84.70 to 85.70): VV018735.D (-2147) (-)

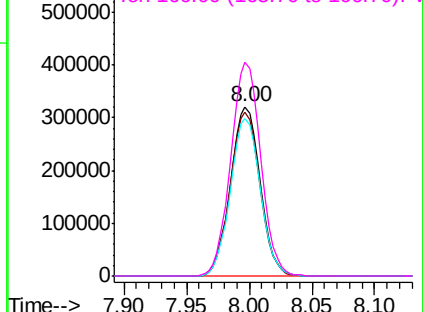
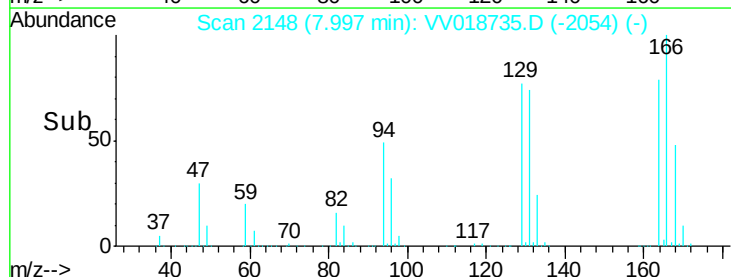


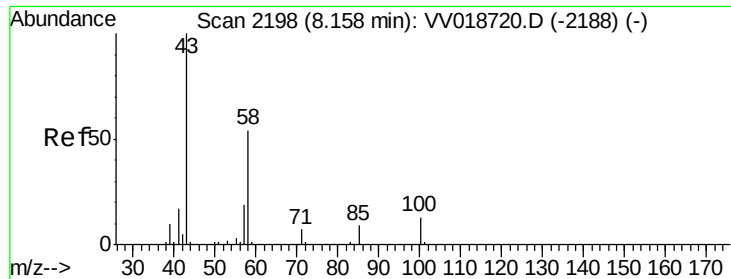
#46
 Tetrachloroethene
 Concen: 233.045 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018735.D
 Acq: 07 Oct 2020 17:10

Tgt Ion: 164 Resp: 529241
 Ion Ratio Lower Upper
 164 100
 129 96.6 62.8 116.6
 131 93.3 60.8 112.8
 166 126.1 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): VV018735.D (-2148) (-)
 Ion 129.00 (128.70 to 129.70): VV018735.D (-2148) (-)
 Ion 131.00 (130.70 to 131.70): VV018735.D (-2148) (-)
 Ion 166.00 (165.70 to 166.70): VV018735.D (-2148) (-)





#48
 2-Hexanone
 Concen: 4.990 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV018735.D
 Acq: 07 Oct 2020 17:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	45.1	67.7
57	13.5	15.7	23.5#
100	5.8	11.0	16.4#

