

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019004.D
 Acq On : 20 Oct 2020 11:15
 Operator : SY/MD
 Sample : L4426-16RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:09:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305908	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	310350	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73959	29.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.74%#
7) Chloroethane-d5	1.58	69	74544	37.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.72%
11) 1,1-Dichloroethene-d2	2.12	63	128863	27.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.22%#
21) 2-Butanone-d5	3.92	46	148080	84.37	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.37%
24) Chloroform-d	4.38	84	184244	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.44%
26) 1,2-Dichloroethane-d4	5.05	65	128119	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
32) Benzene-d6	5.07	84	354826	39.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.32%
36) 1,2-Dichloropropane-d6	6.09	67	121611	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.96%
41) Toluene-d8	7.34	98	298536	36.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.46%#
43) trans-1,3-Dichloropropene-	7.64	79	51530	36.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.78%
47) 2-Hexanone-d5	8.11	63	71124	66.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.09%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	121189	35.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	130851	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%

Target Compounds

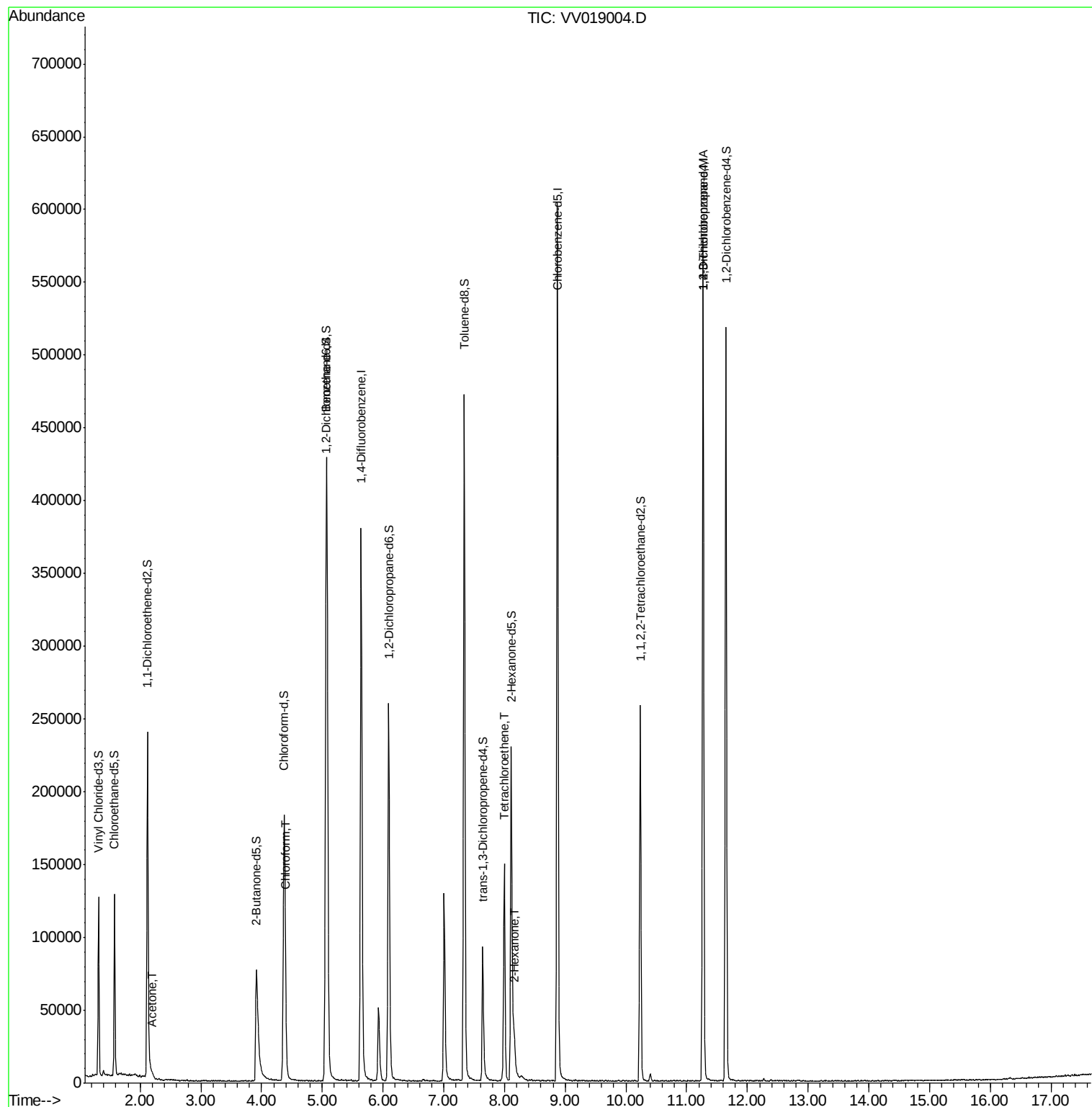
					Ovalue
13) Acetone	2.20	43	5234	4.081 ug/L	84
25) Chloroform	4.40	83	3990	0.914 ug/L #	73
46) Tetrachloroethene	8.00	164	33218	17.180 ug/L	97
48) 2-Hexanone	8.16	43	16757	6.017 ug/L #	89
59) 1,2,3-Trichloropropane	11.27	75	17887	5.802 ug/L	89

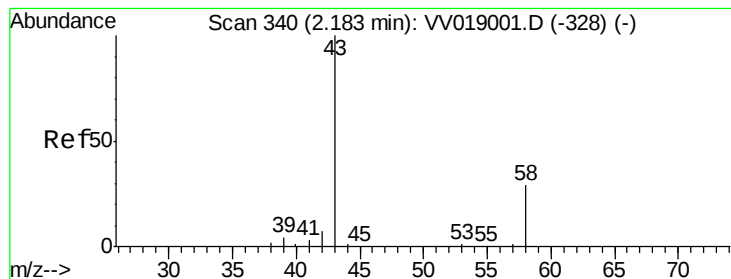
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.081 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV019004.D

Acq: 20 Oct 2020 11:15

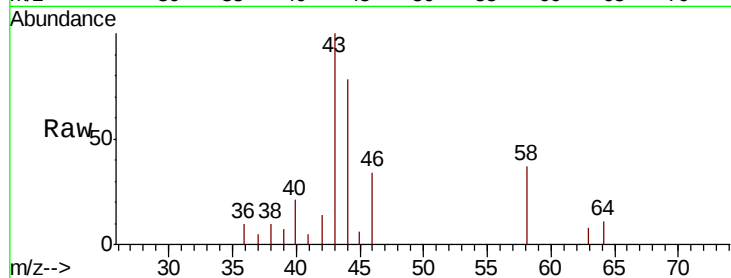
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5234

Ion Ratio Lower Upper

43 100

58 38.1 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV019001.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV019001.D (-328) (-)

2500

2000

1500

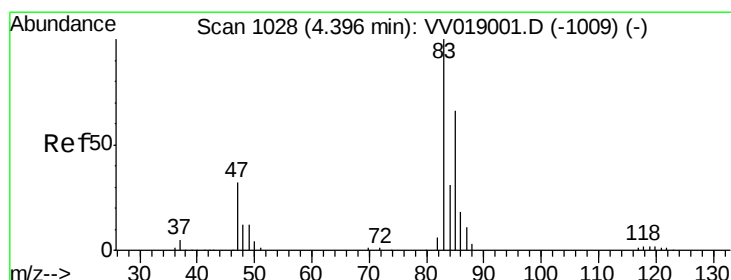
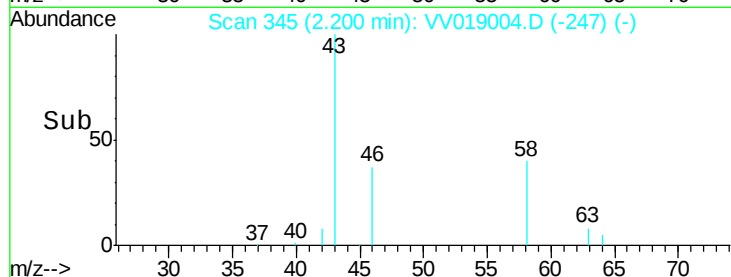
1000

500

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 0.914 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV019004.D

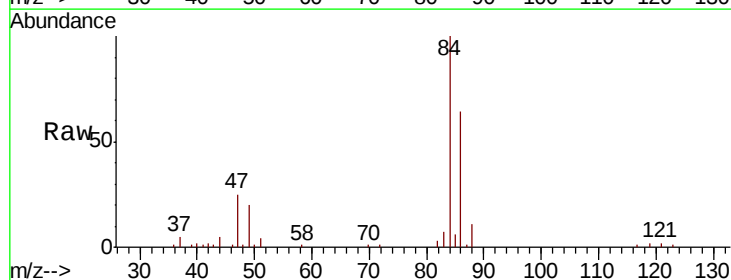
Acq: 20 Oct 2020 11:15

Tgt Ion: 83 Resp: 3990

Ion Ratio Lower Upper

83 100

85 84.7 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV019001.D (-1009) (-)

Ion 85.00 (84.70 to 85.70): VV019001.D (-1009) (-)

1500

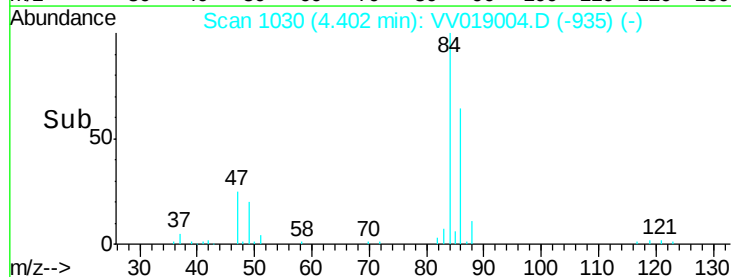
1000

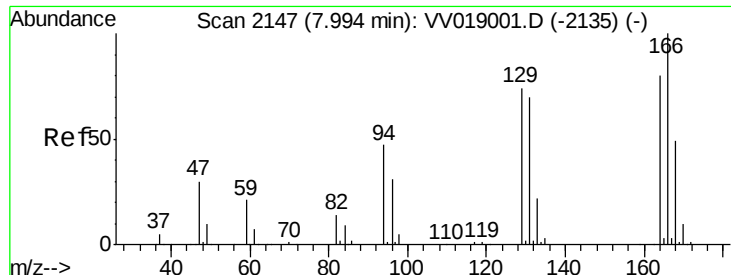
500

0

4.35 4.40 4.45

Time-->

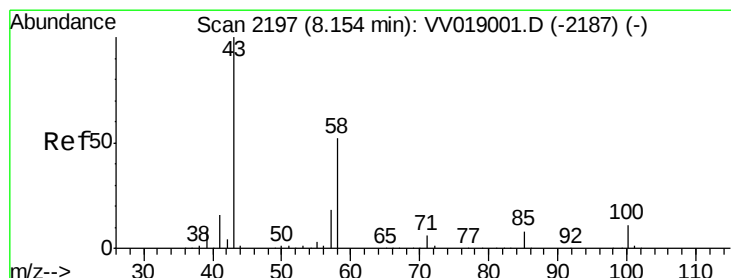
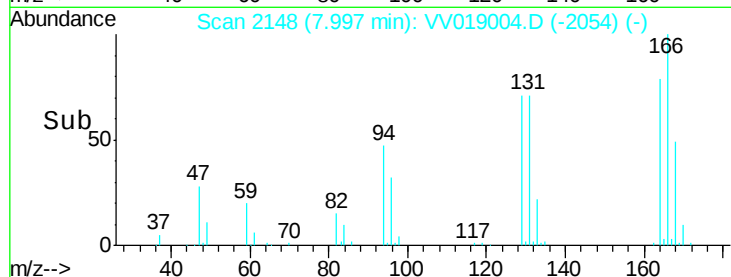
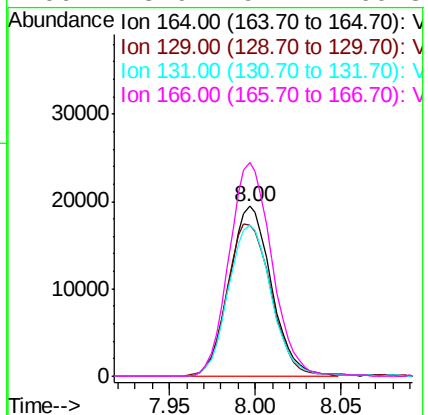
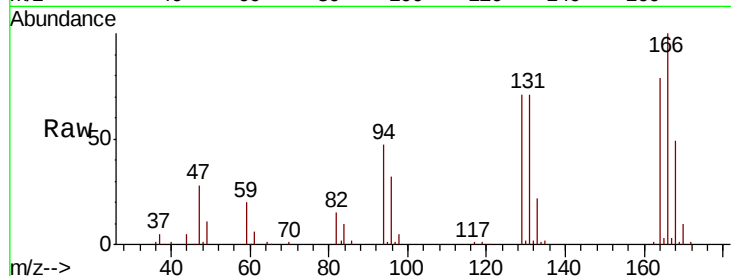




#46
Tetrachloroethene
Concen: 17.180 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV019004.D
Acq: 20 Oct 2020 11:15

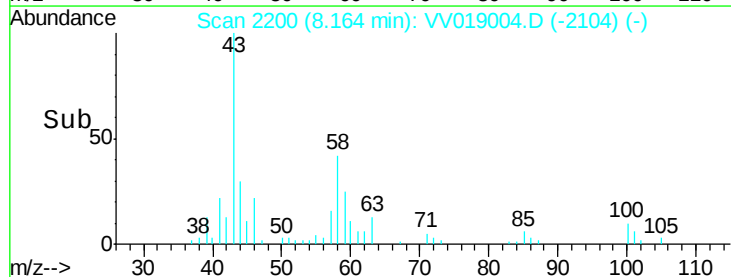
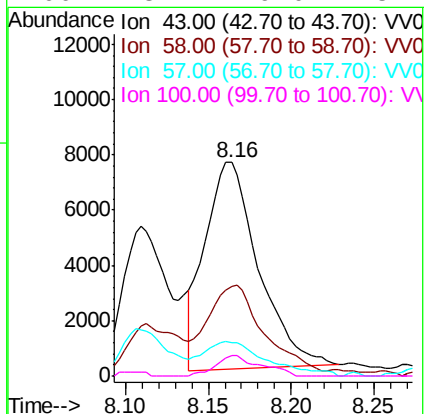
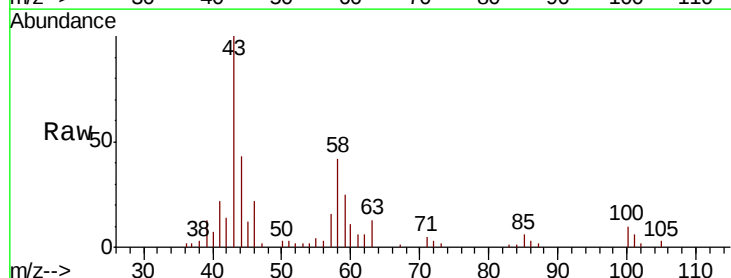
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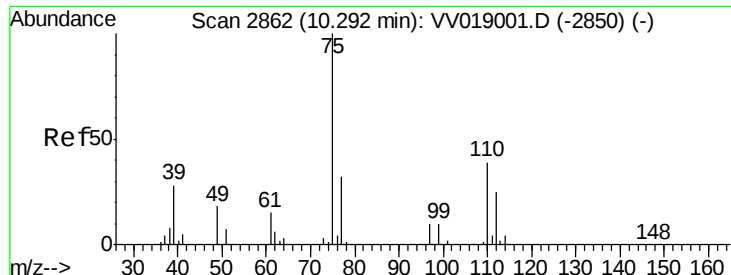
Tot Ion:164 Resp: 33218
Ion Ratio Lower Upper
164 100
129 89.4 65.0 120.8
131 89.2 62.9 116.7
166 125.9 91.1 169.3



#48
2-Hexanone
Concen: 6.017 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV019004.D
Acq: 20 Oct 2020 11:15

Tgt Ion: 43 Resp: 16757
Ion Ratio Lower Upper
43 100
58 43.6 42.5 63.7
57 20.0 14.5 21.7
100 8.4 9.0 13.4#





#59

1,2,3-Trichloropropane

Concen: 5.802 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019004.D

Acq: 20 Oct 2020 11:15

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 17887

Ion Ratio Lower Upper

75 100

77 38.1 25.4 38.2

