

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016510.D
 Acq On : 04 Jun 2020 15:18
 Operator : SY/MD
 Sample : L2849-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:55:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350856	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155492	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94861	38.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.34%
7) Chloroethane-d5	1.57	69	74672	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.24%
11) 1,1-Dichloroethene-d2	2.12	63	140015	31.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.56%
21) 2-Butanone-d5	3.90	46	173413	109.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.13%
24) Chloroform-d	4.38	84	218869	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
26) 1,2-Dichloroethane-d4	5.06	65	150063	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.07	84	430356	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
36) 1,2-Dichloropropane-d6	6.09	67	135140	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.86%
41) Toluene-d8	7.34	98	385489	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%
43) trans-1,3-Dichloropropene-	7.64	79	60188	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.44%
47) 2-Hexanone-d5	8.11	63	131387	111.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182921	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	155440	53.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

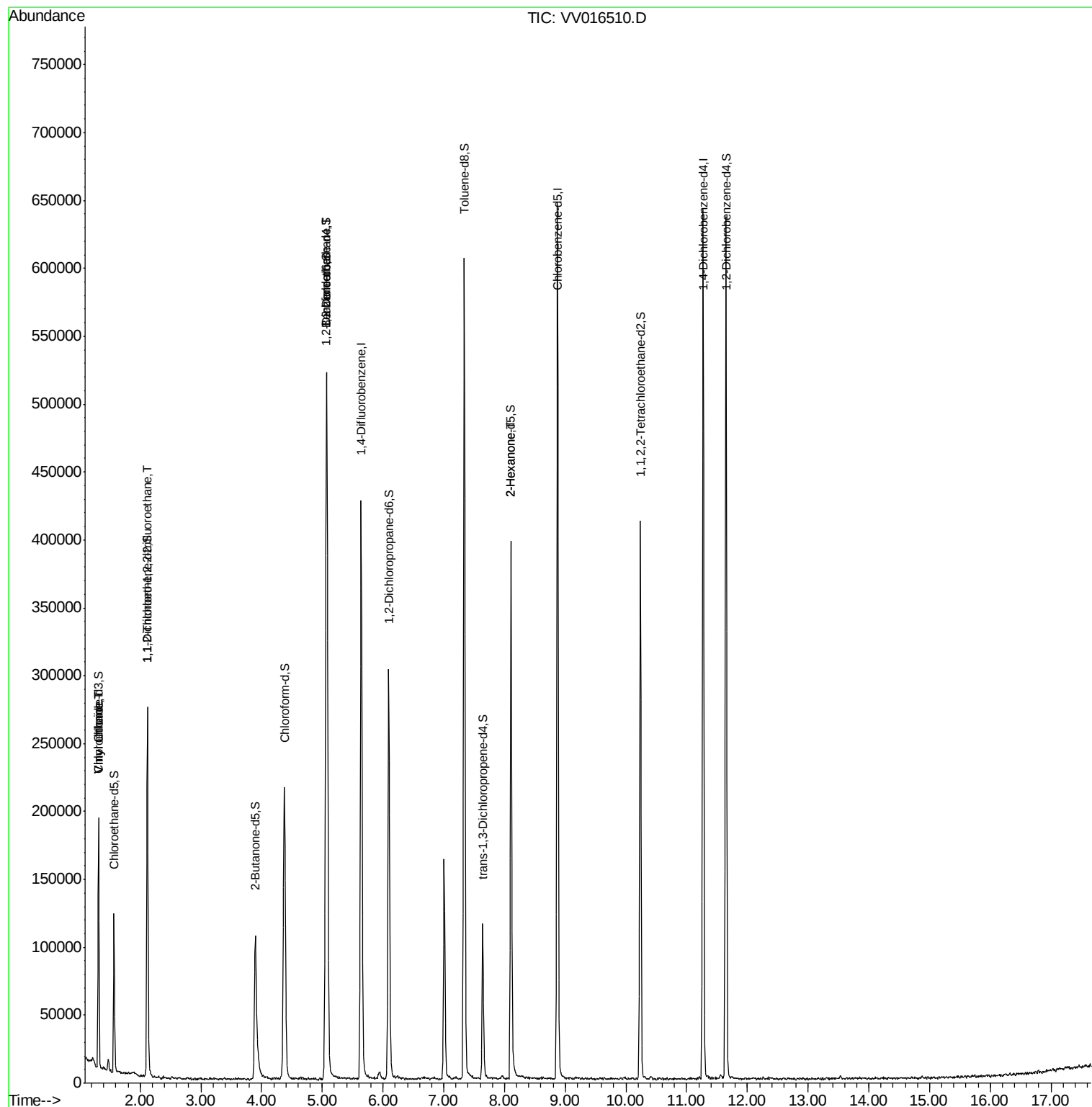
					Ovalue
5) Vinyl chloride	1.32	62	18905	7.015 ug/L	92
8) Chloroethane	1.32	64	7406	4.904 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1391	0.687 ug/L #	25
27) 1,2-Dichloroethane	5.07	62	2889	0.746 ug/L	98
48) 2-Hexanone	8.11	43	17020	6.273 ug/L #	67

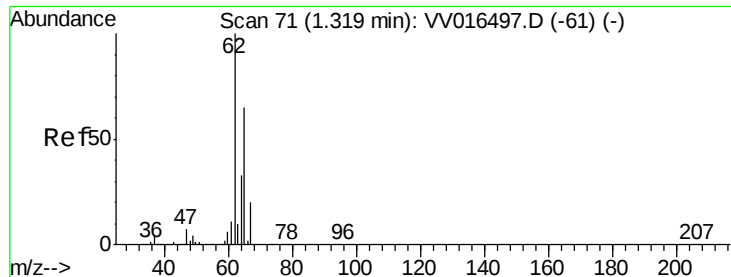
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.015 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016510.D

Acq: 04 Jun 2020 15:18

Instrument :

MSVOA_V

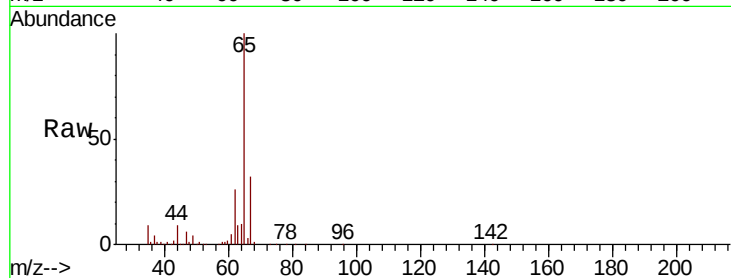
ClientSampleId :

Tot Ion: 62 Resp: 18905

Ion Ratio Lower Upper

62 100

64 37.0 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

20000

15000

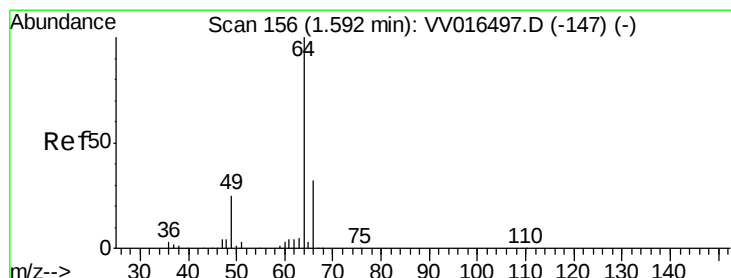
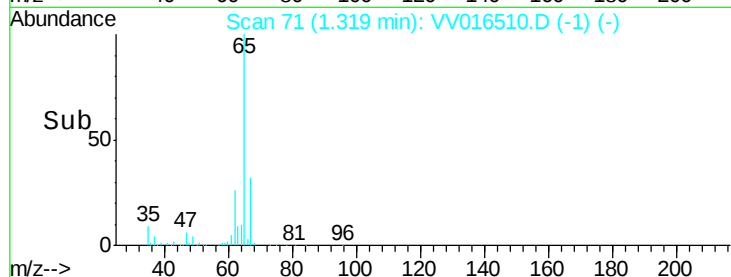
10000

5000

0

1.28 1.30 1.32 1.34 1.36

Time-->



#8

Chloroethane

Concen: 4.904 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.27 min

Lab File: VV016510.D

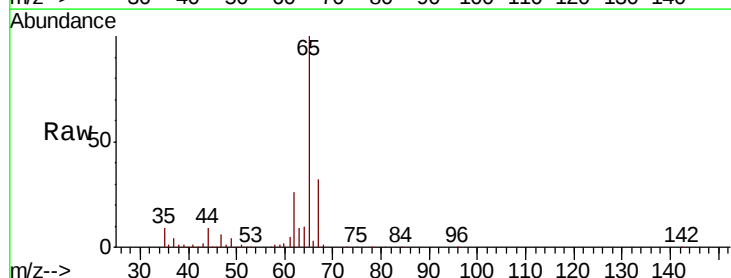
Acq: 04 Jun 2020 15:18

Tgt Ion: 64 Resp: 7406

Ion Ratio Lower Upper

64 100

66 30.5 21.4 39.8



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0

1.32

8000

6000

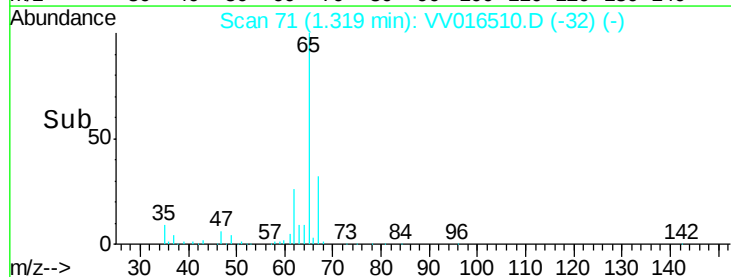
4000

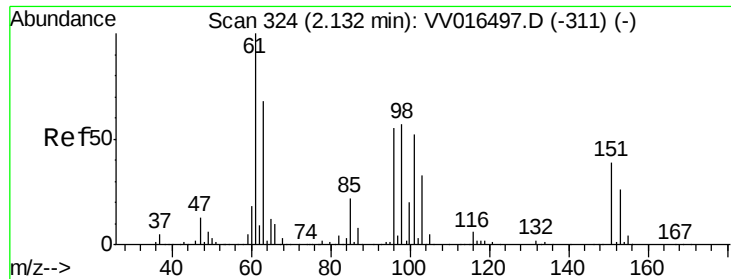
2000

0

1.28 1.30 1.32 1.34 1.36

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.687 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016510.D

Acq: 04 Jun 2020 15:18

Instrument :

MSVOA_V

ClientSampleId :

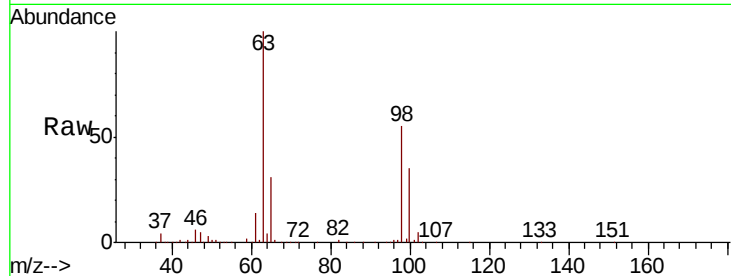
Tot Ion:101 Resp: 1391

Ion Ratio Lower Upper

101 100

85 7.8 35.6 53.4#

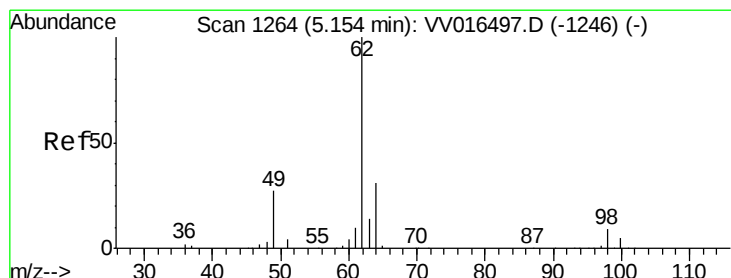
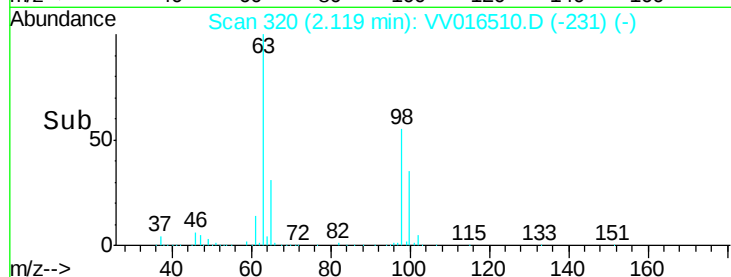
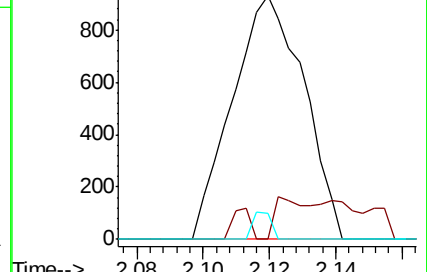
151 2.8 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#27

1,2-Dichloroethane

Concen: 0.746 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016510.D

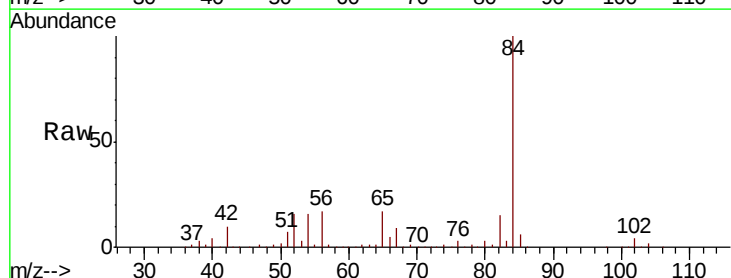
Acq: 04 Jun 2020 15:18

Tgt Ion: 62 Resp: 2889

Ion Ratio Lower Upper

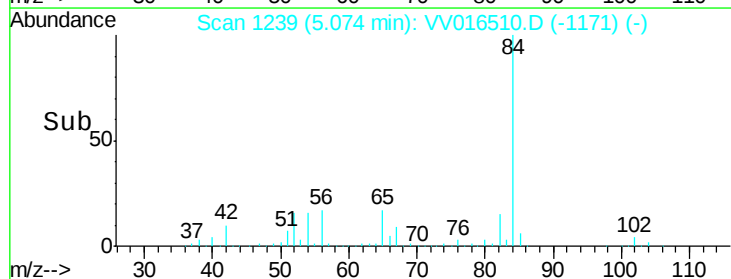
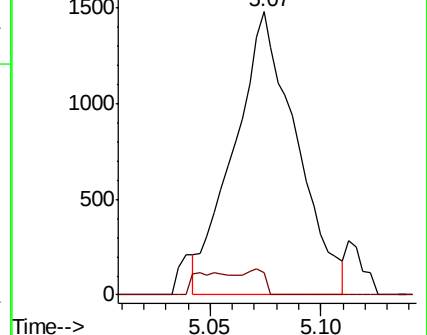
62 100

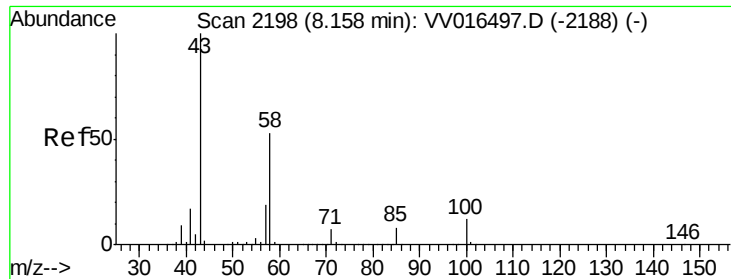
98 8.0 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#48

2-Hexanone

Concen: 6.273 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV016510.D

Acq: 04 Jun 2020 15:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	17020
Ion	Ratio	Lower	Upper
43	100		
58	24.7	42.7	64.1#
57	24.2	14.5	21.7#
100	0.8	9.4	14.2#

