

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019530.D
 Acq On : 10 Dec 2020 23:27
 Operator : SY/MD
 Sample : L4997-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR2

Quant Time: Dec 11 02:40:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	662908	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	618225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	288819	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	201364	42.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.72%
7) Chloroethane-d5	1.57	69	169587	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.46%
11) 1,1-Dichloroethene-d2	2.11	63	307289	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.89	46	266076	102.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.98%
24) Chloroform-d	4.35	84	405127	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
26) 1,2-Dichloroethane-d4	5.04	65	281501	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.05	84	804693	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.07	67	255670	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.00%
41) Toluene-d8	7.32	98	713422	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%
43) trans-1,3-Dichloropropene-	7.62	79	137135	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.36%
47) 2-Hexanone-d5	8.09	63	199356	98.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	338769	48.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.98%
64) 1,2-Dichlorobenzene-d4	11.63	152	267973	49.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.26%

Target Compounds

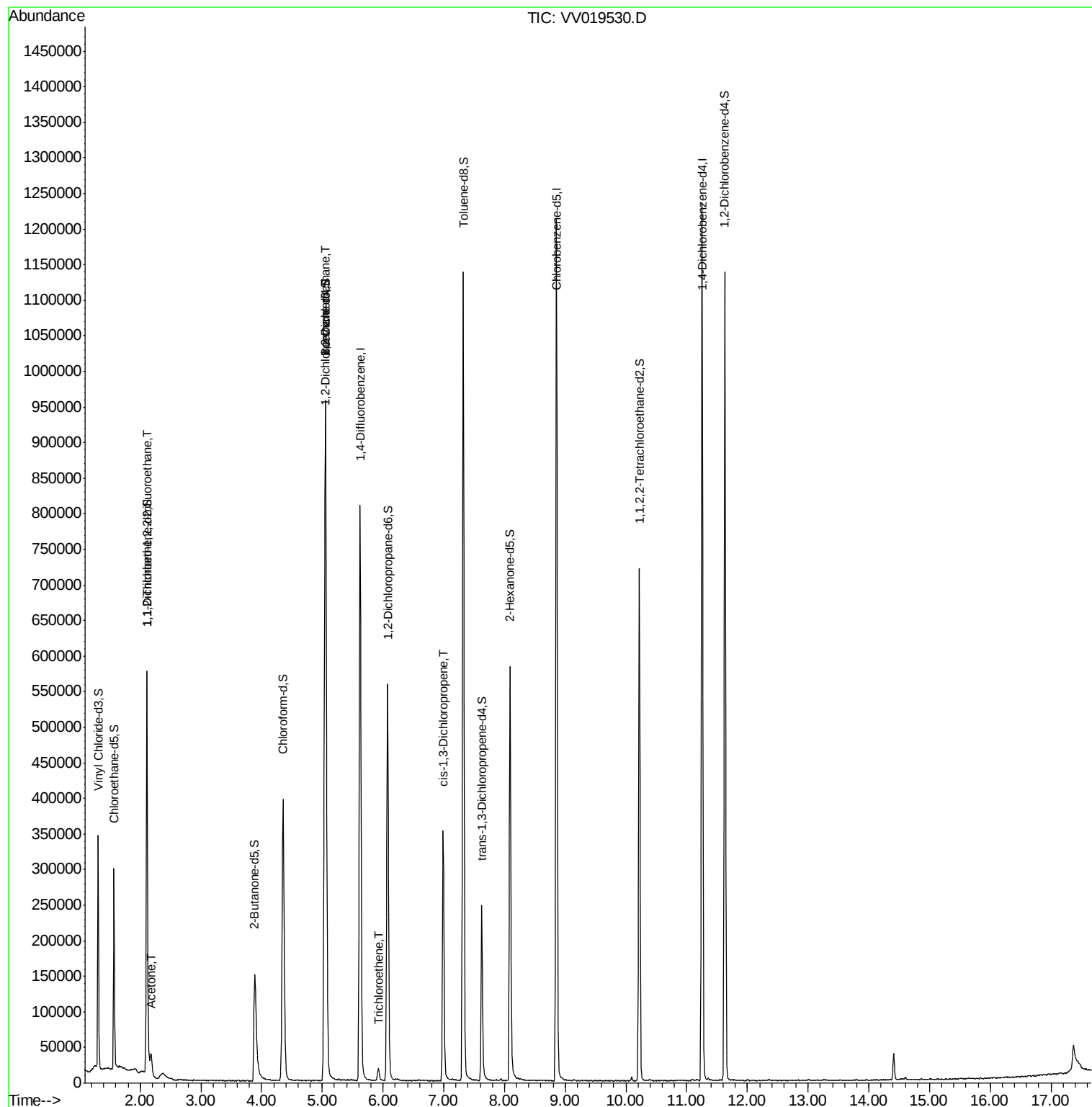
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2982	0.775 ug/L #	25
13) Acetone	2.18	43	40412	18.360 ug/L	98
27) 1,2-Dichloroethane	5.05	62	4783	0.689 ug/L	96
34) Trichloroethene	5.93	95	5099	1.068 ug/L	91
39) cis-1,3-Dichloropropene	6.99	75	8937	1.140 ug/L #	63

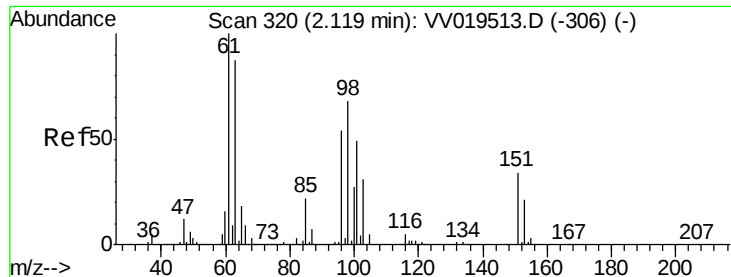
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121020\
Data File : VV019530.D
Acq On : 10 Dec 2020 23:27
Operator : SY/MD
Sample : L4997-16
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AR2

Quant Time: Dec 11 02:40:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 02:38:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.775 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019530.D

Acq: 10 Dec 2020 23:27

Instrument :

MSVOA_V

ClientSampleId :

C0AR2

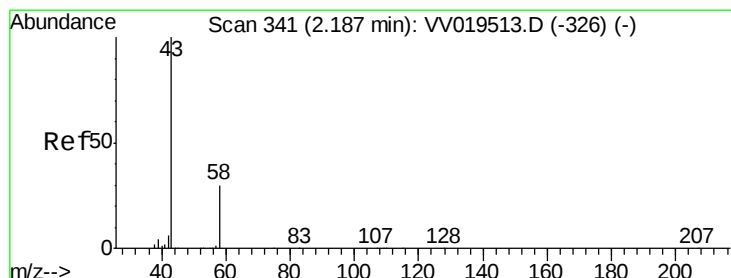
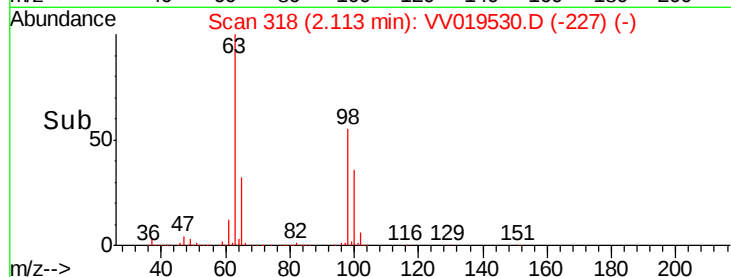
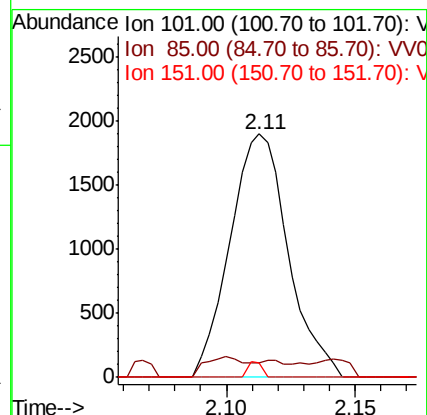
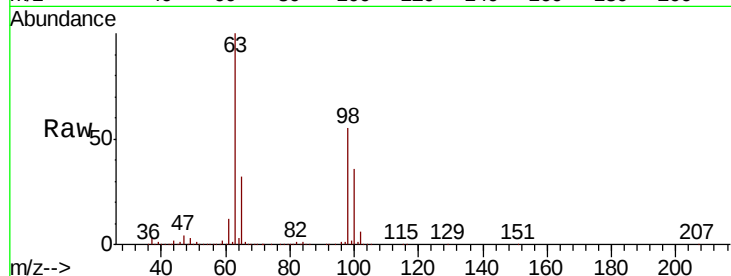
Tot Ion:101 Resp: 2982

Ion Ratio Lower Upper

101 100

85 3.2 35.0 52.4#

151 1.6 55.8 83.8#



#13

Acetone

Concen: 18.360 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV019530.D

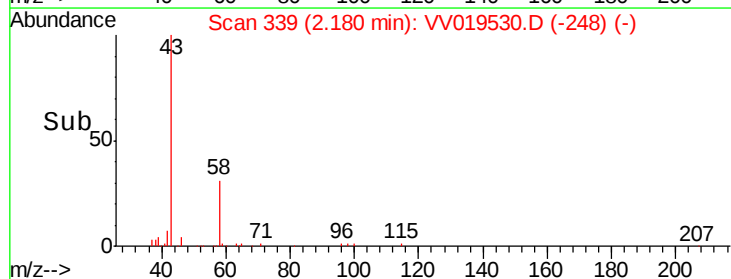
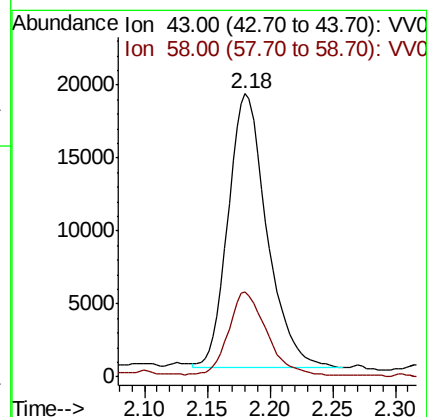
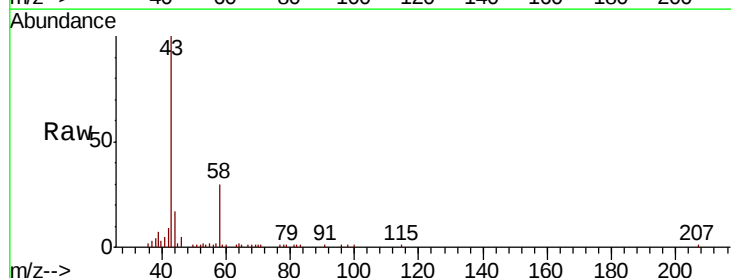
Acq: 10 Dec 2020 23:27

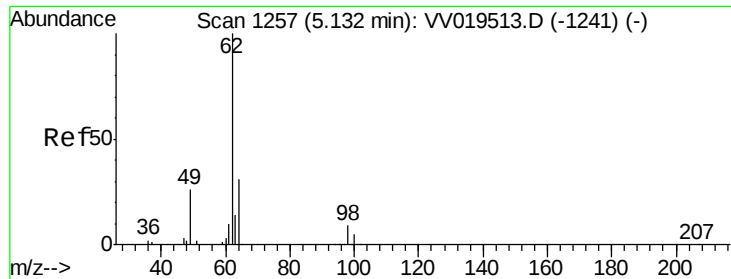
Tgt Ion: 43 Resp: 40412

Ion Ratio Lower Upper

43 100

58 29.6 0.0 61.6





#27

1,2-Dichloroethane

Concen: 0.689 ug/L

RT: 5.05 min Scan# 1233

Delta R.T. -0.08 min

Lab File: VV019530.D

Acq: 10 Dec 2020 23:27

Instrument :

MSVOA_V

ClientSampleId :

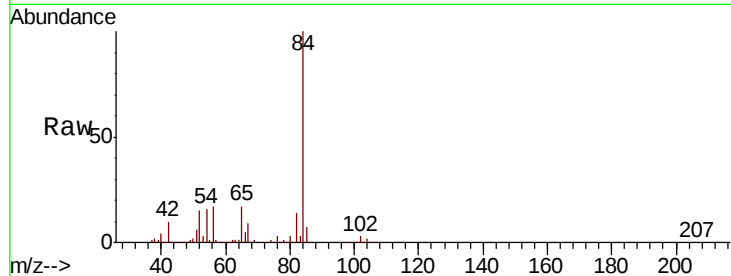
C0AR2

Tot Ion: 62 Resp: 4783

Ion Ratio Lower Upper

62 100

98 7.8 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019530.D (-1241) (-)

Ion 98.00 (97.70 to 98.70): VV019530.D (-1241) (-)

5.05

2000

1500

1000

500

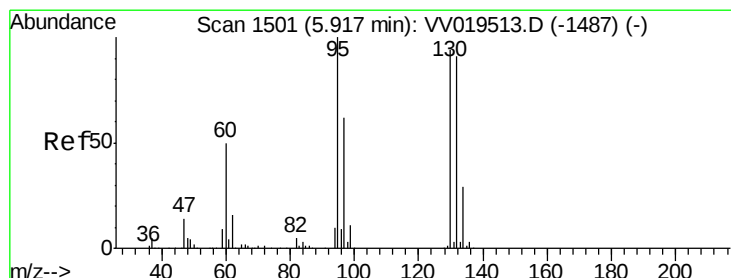
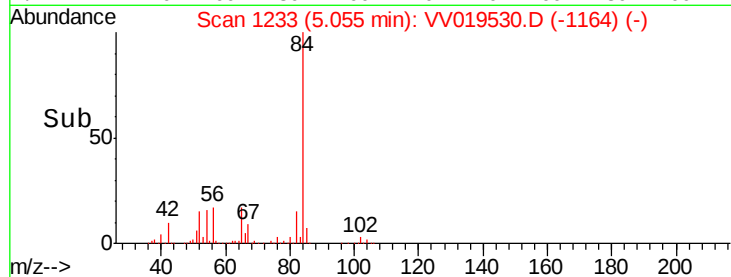
0

Time-->

5.00

5.05

5.10



#34

Trichloroethene

Concen: 1.068 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019530.D

Acq: 10 Dec 2020 23:27

Tgt Ion: 95 Resp: 5099

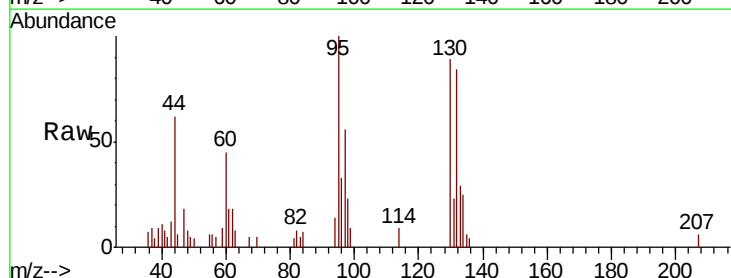
Ion Ratio Lower Upper

95 100

97 56.0 44.4 82.4

132 84.0 64.3 119.3

130 88.7 67.8 125.8



Abundance Ion 95.00 (94.70 to 95.70): VV019530.D (-1487) (-)

Ion 97.00 (96.70 to 97.70): VV019530.D (-1487) (-)

Ion 132.00 (131.70 to 132.70): VV019530.D (-1487) (-)

Ion 130.00 (129.70 to 130.70): VV019530.D (-1487) (-)

5.93

3000

2000

1000

0

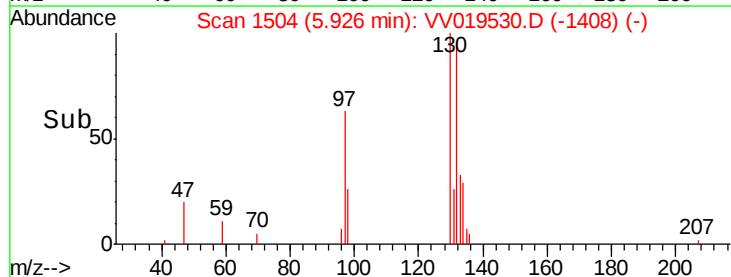
Time-->

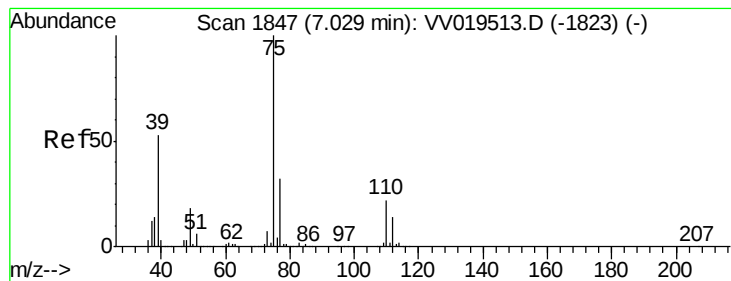
5.85

5.90

5.95

6.00





#39

cis-1,3-Dichloropropene

Concen: 1.140 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019530.D

Acq: 10 Dec 2020 23:27

Instrument :

MSVOA_V

ClientSampleId :

C0AR2

Tot Ion: 75 Resp: 8937

Ion Ratio Lower Upper

75 100

77 52.8 22.4 41.6#

