

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017317.D
 Acq On : 02 Jul 2020 19:49
 Operator : SY/MD
 Sample : L3154-02DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4269DL

Quant Time: Jul 03 06:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	170809	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163333	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80254	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44084	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	34298	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	66864	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	3.92	46	94296	36.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.18%
24) Chloroform-d	4.38	84	93441	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	50867	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.08	84	175142	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.10	67	50635	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.34	98	157562	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
45) trans-1,3-Dichloropropene-	7.65	79	19328	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
48) 2-Hexanone-d5	8.11	63	61952	30.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33898	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	63170	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

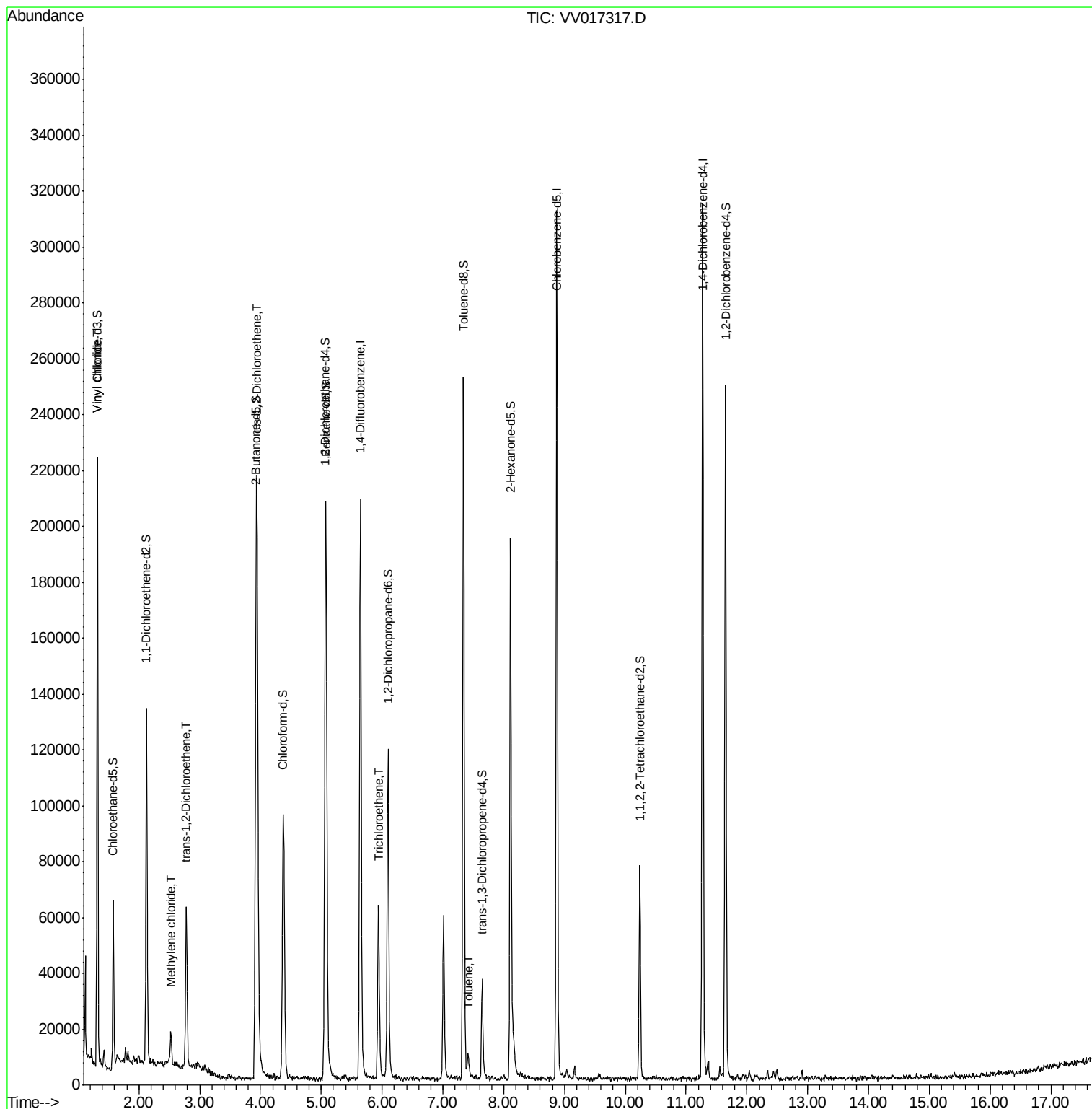
					Ovalue
5) Vinyl chloride	1.32	62	86777	7.742	ug/L 99
16) Methylene chloride	2.52	84	4912	0.560	ug/L 90
18) trans-1,2-Dichloroethene	2.78	96	19852	2.285	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	95496	8.039	ug/L 97
34) Trichloroethene	5.94	95	20446	1.632	ug/L 96
42) Toluene	7.42	91	5485	0.110	ug/L 94

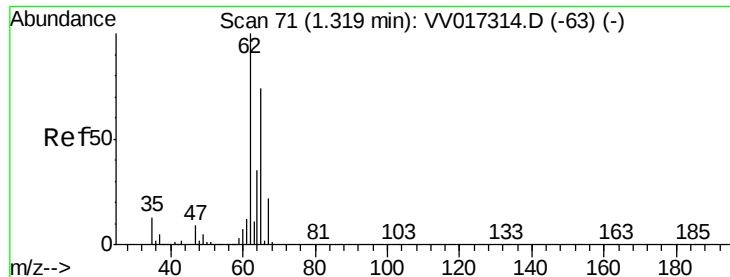
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017317.D
Acq On : 02 Jul 2020 19:49
Operator : SY/MD
Sample : L3154-02DL 20X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4269DL

Quant Time: Jul 03 06:36:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.742 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017317.D

Acq: 02 Jul 2020 19:49

Instrument :

MSVOA_V

ClientSampleID :

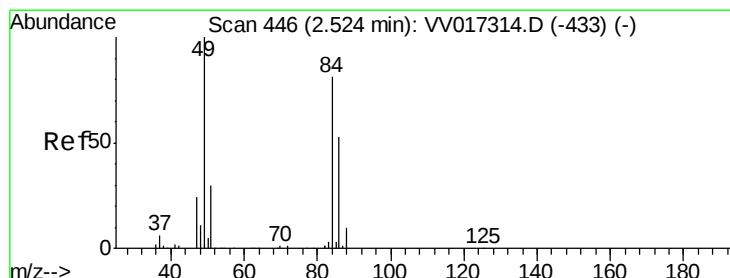
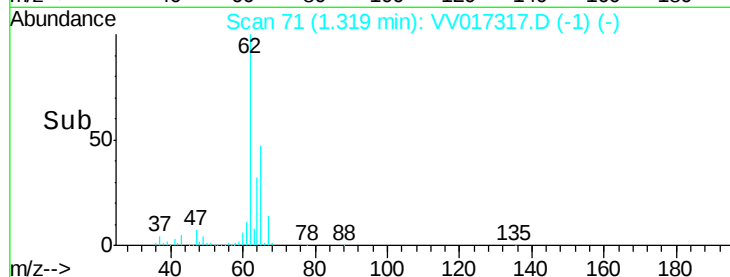
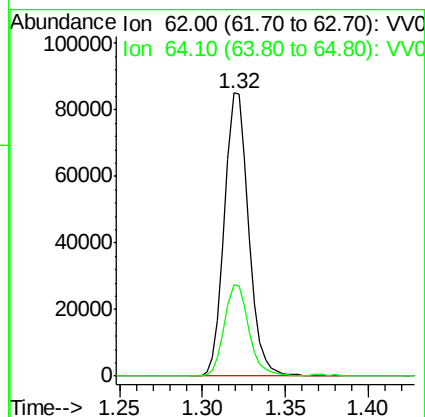
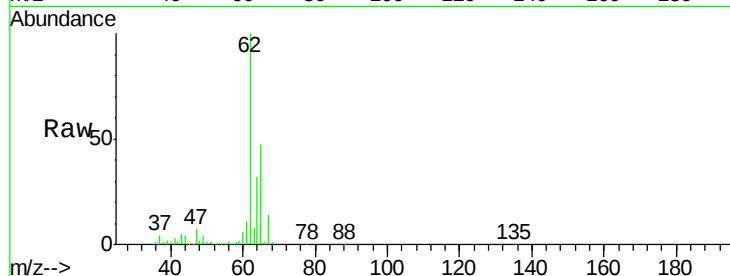
H4269DL

Tot Ion: 62 Resp: 86777

Ion Ratio Lower Upper

62 100

64 32.4 22.5 41.7



#16

Methylene chloride

Concen: 0.560 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017317.D

Acq: 02 Jul 2020 19:49

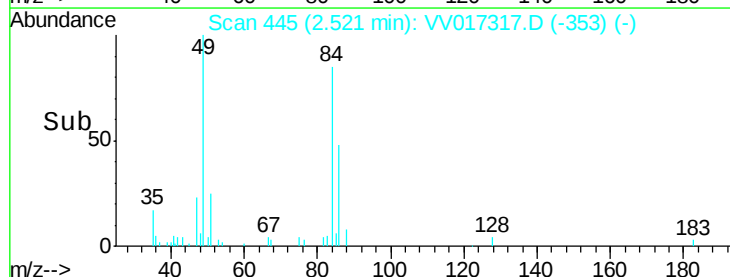
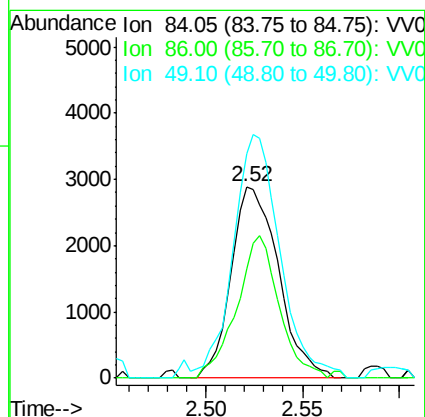
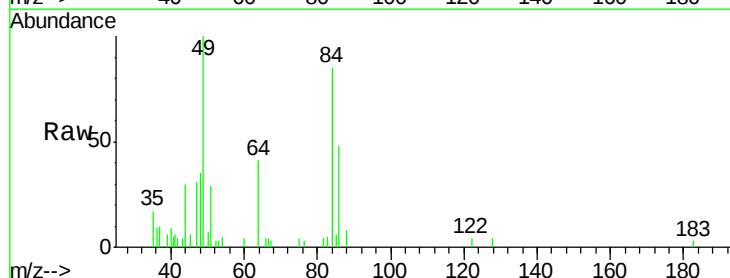
Tgt Ion: 84 Resp: 4912

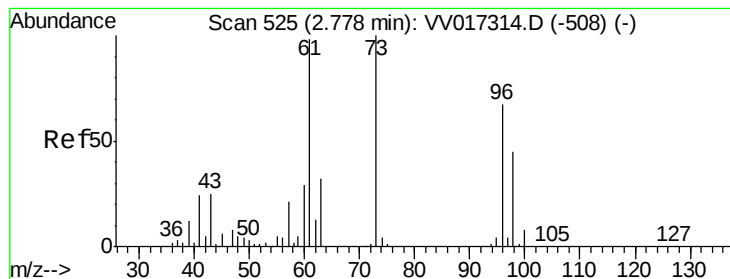
Ion Ratio Lower Upper

84 100

86 56.9 45.8 85.0

49 117.5 89.6 166.4





#18

trans-1,2-Dichloroethene

Concen: 2.285 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017317.D

Acq: 02 Jul 2020 19:49

Instrument :

MSVOA_V

ClientSampleId :

H4269DL

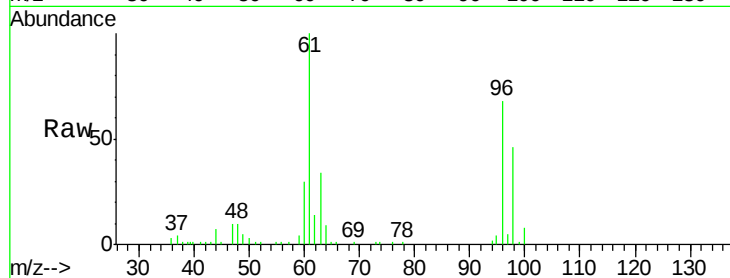
Tot Ion: 96 Resp: 19852

Ion Ratio Lower Upper

96 100

61 147.0 102.3 189.9

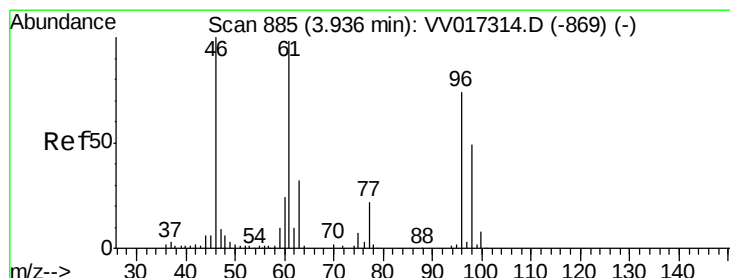
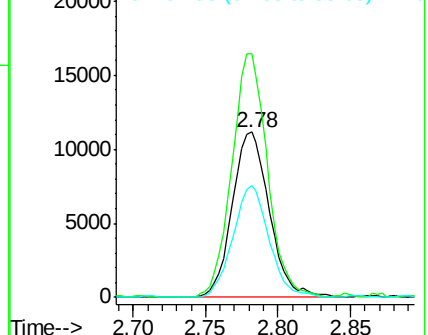
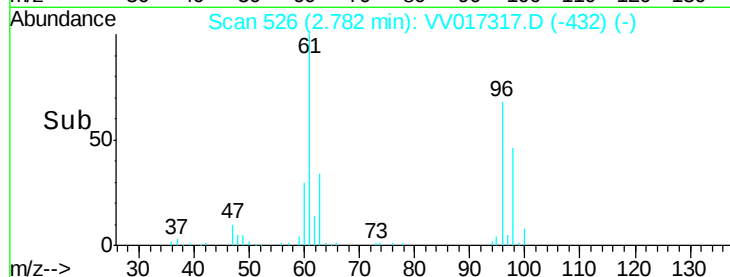
98 67.6 44.7 82.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 8.039 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017317.D

Acq: 02 Jul 2020 19:49

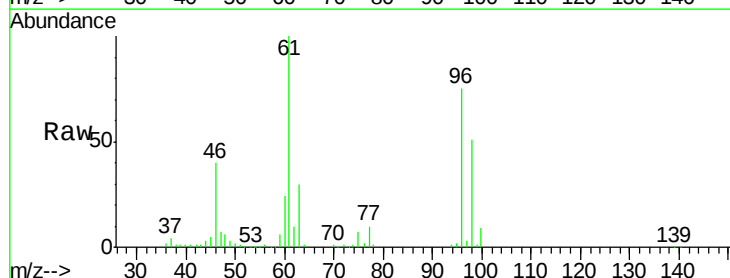
Tgt Ion: 96 Resp: 95496

Ion Ratio Lower Upper

96 100

61 133.5 91.0 169.0

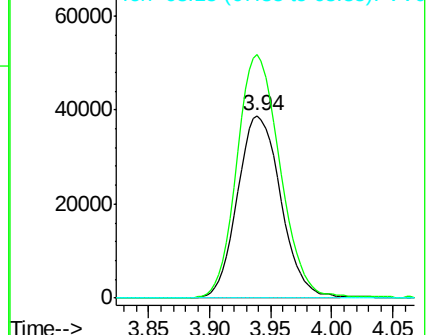
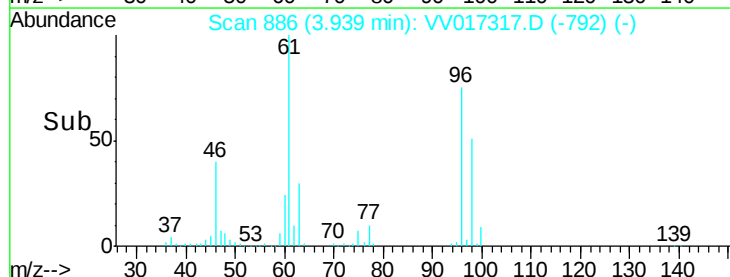
68 0.0 0.0 0.0

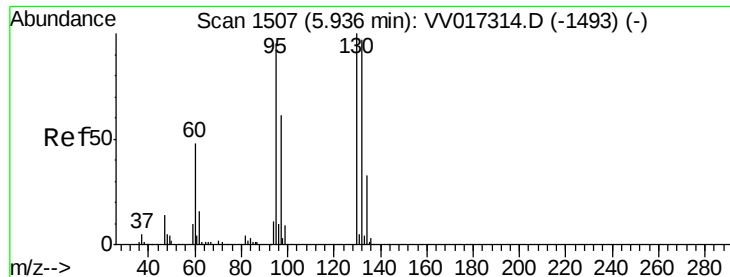


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 1.632 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017317.D

Acq: 02 Jul 2020 19:49

Instrument :

MSVOA_V

ClientSampleID :

H4269DL

Tot Ion: 95 Resp: 20446

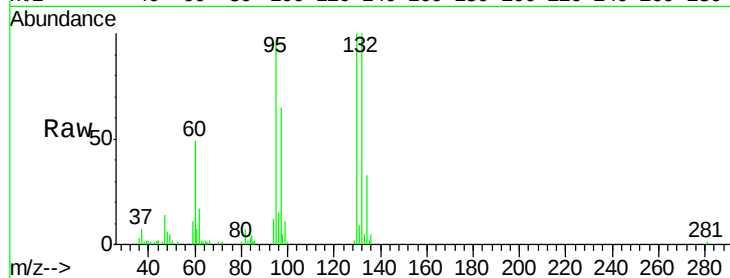
Ion Ratio Lower Upper

95 100

97 67.2 45.3 84.1

132 103.1 68.8 127.8

130 102.8 70.2 130.4

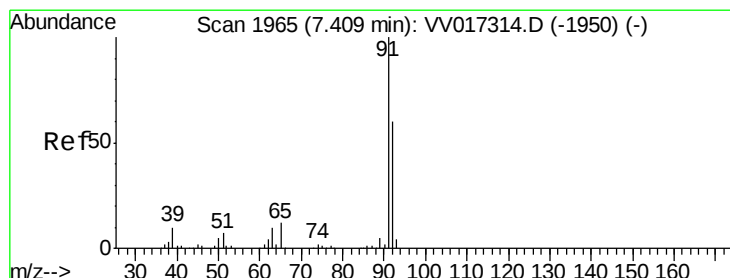
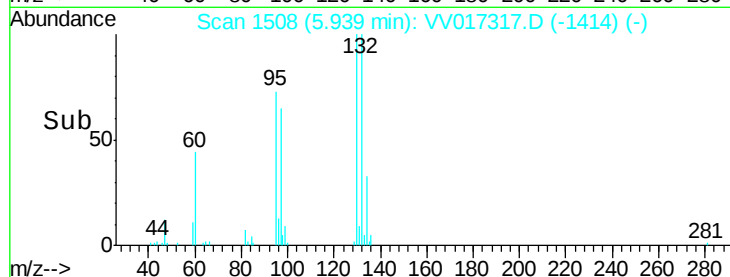
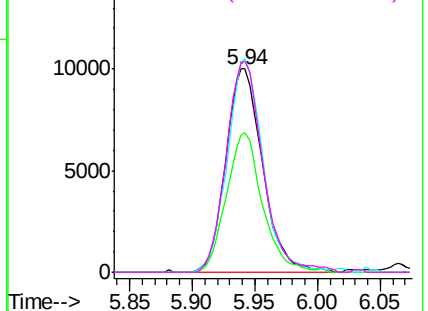


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#42

Toluene

Concen: 0.110 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017317.D

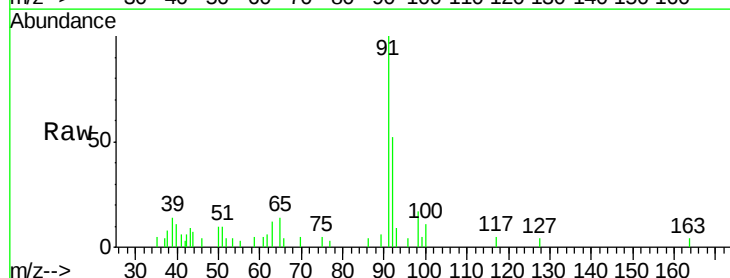
Acq: 02 Jul 2020 19:49

Tgt Ion: 91 Resp: 5485

Ion Ratio Lower Upper

91 100

92 52.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

