

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017319.D
 Acq On : 02 Jul 2020 20:37
 Operator : SY/MD
 Sample : L3154-05DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4307DL

Quant Time: Jul 03 06:49:44 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	170910	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164236	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43072	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	34500	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	67796	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.92	46	91716	35.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.16%
24) Chloroform-d	4.38	84	95176	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.06	65	51864	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.08	84	169316	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.10	67	48471	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.00%
41) Toluene-d8	7.34	98	160180	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
45) trans-1,3-Dichloropropene-	7.65	79	19214	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
48) 2-Hexanone-d5	8.11	63	62726	30.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33840	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	64253	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

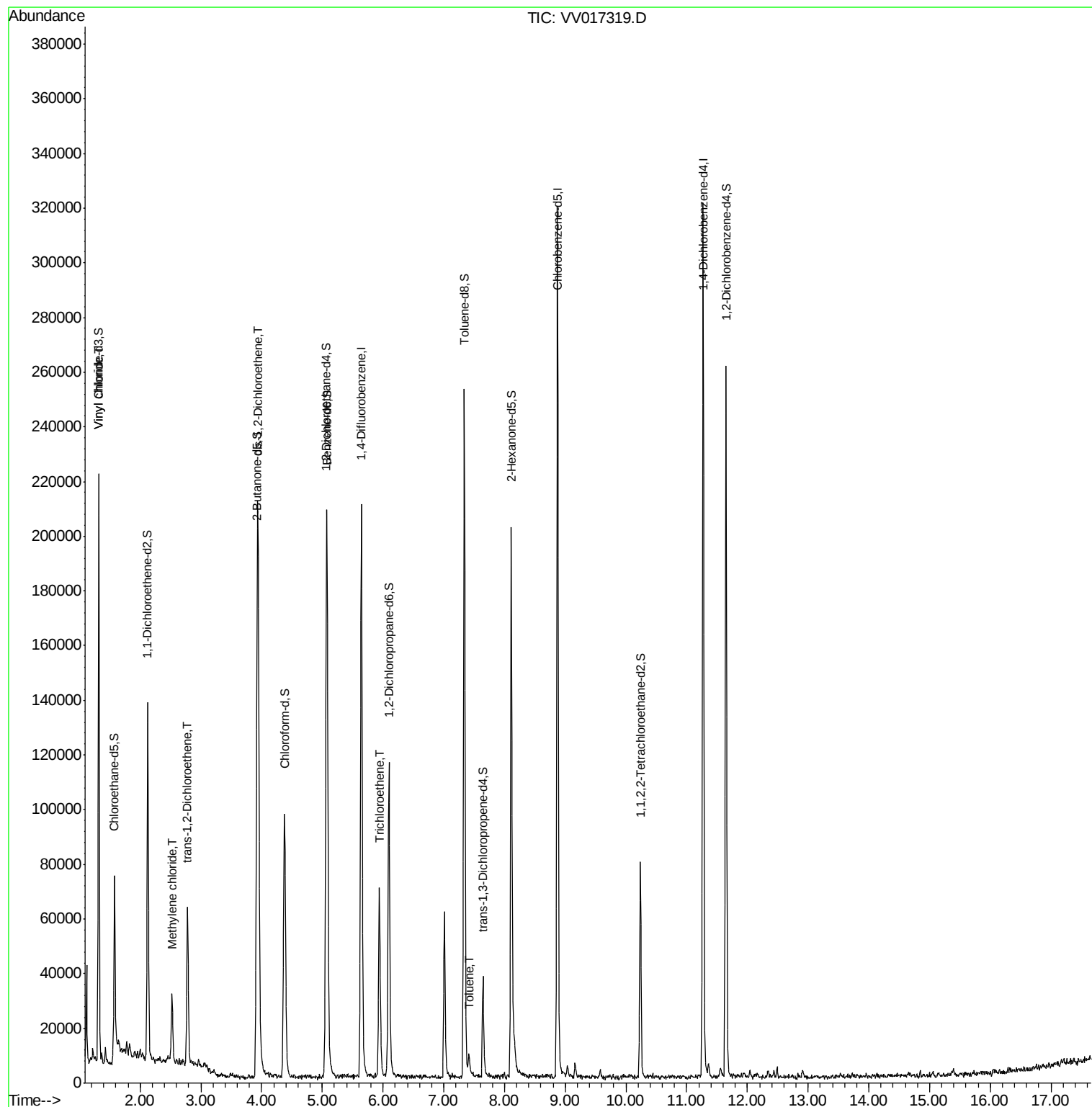
					Ovalue
5) Vinyl chloride	1.32	62	86503	7.713 ug/L	98
16) Methylene chloride	2.52	84	9661	1.100 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	20610	2.371 ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	95454	8.031 ug/L #	96
34) Trichloroethene	5.94	95	22873	1.816 ug/L	96
42) Toluene	7.42	91	5679	0.114 ug/L	97

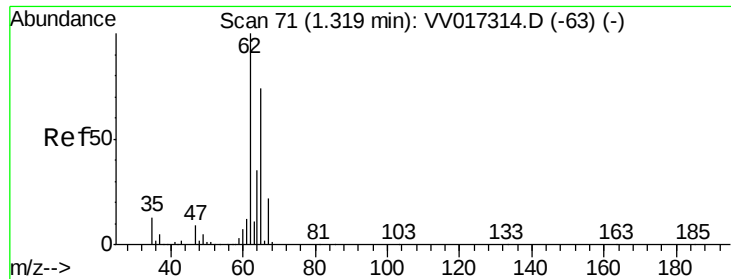
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.713 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

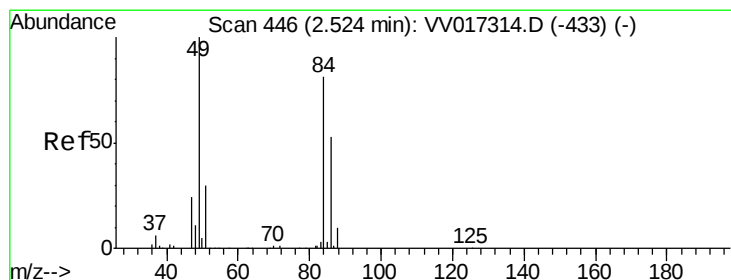
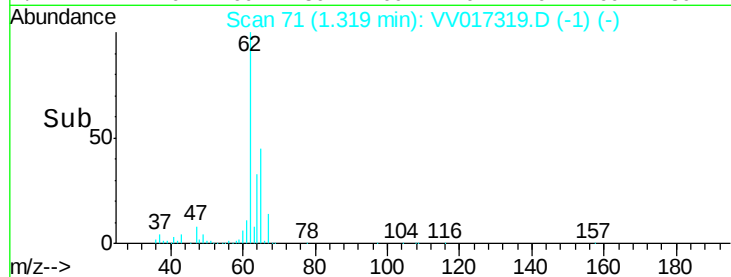
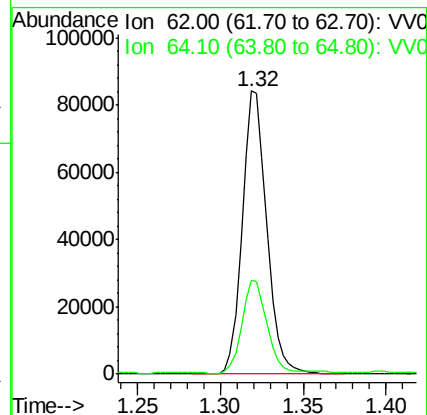
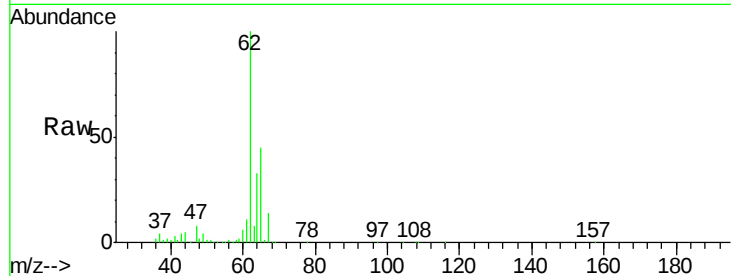
H4307DL

Tot Ion: 62 Resp: 86503

Ion Ratio Lower Upper

62 100

64 33.3 22.5 41.7



#16

Methylene chloride

Concen: 1.100 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV017319.D

Acq: 02 Jul 2020 20:37

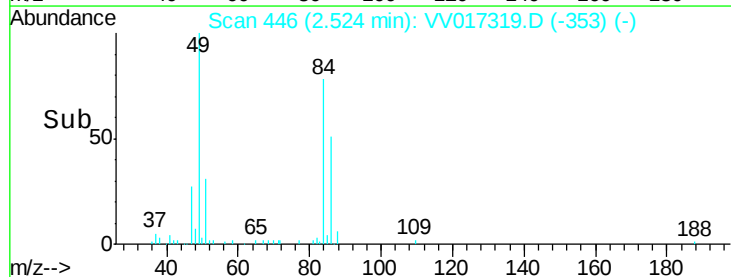
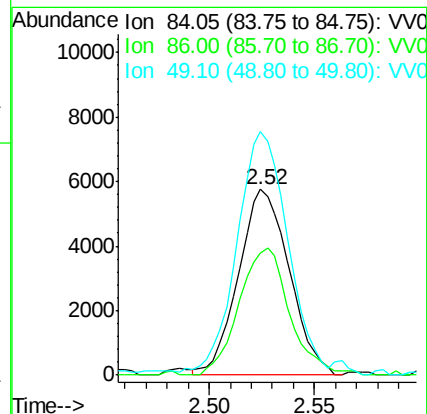
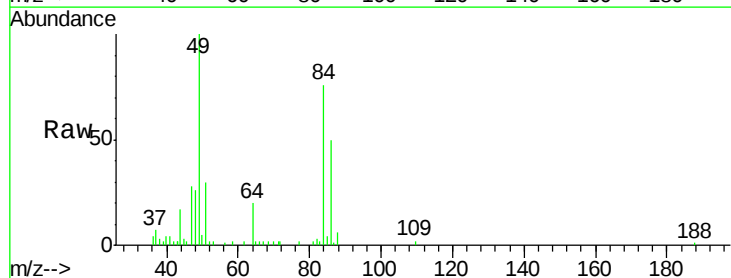
Tgt Ion: 84 Resp: 9661

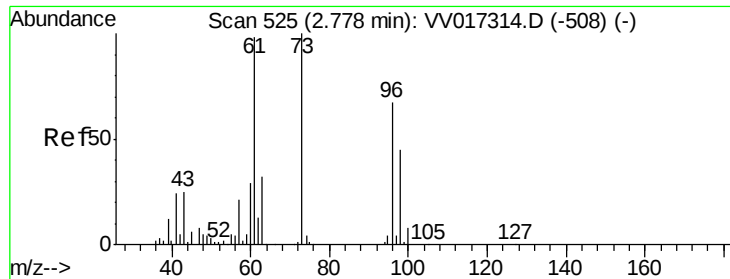
Ion Ratio Lower Upper

84 100

86 65.6 45.8 85.0

49 131.2 89.6 166.4

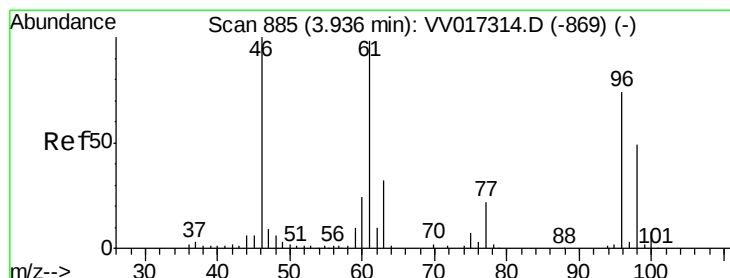
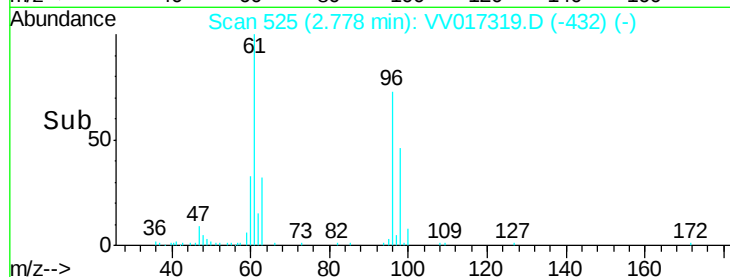
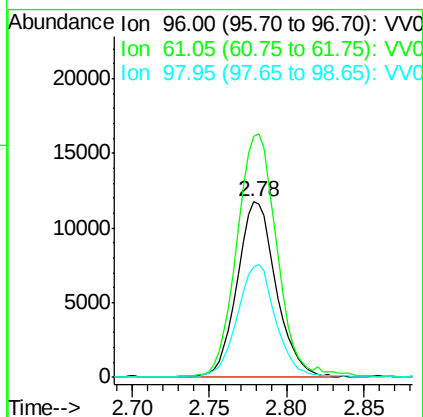
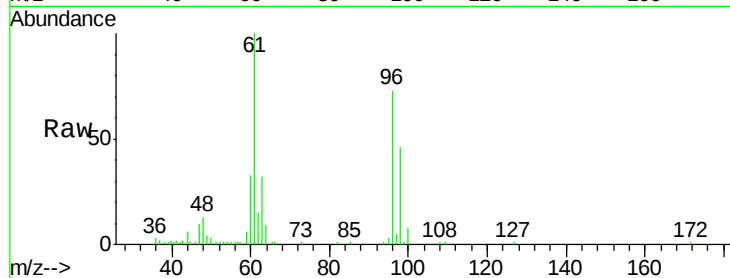




#18
trans-1,2-Dichloroethene
Concen: 2.371 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV017319.D
Acq: 02 Jul 2020 20:37

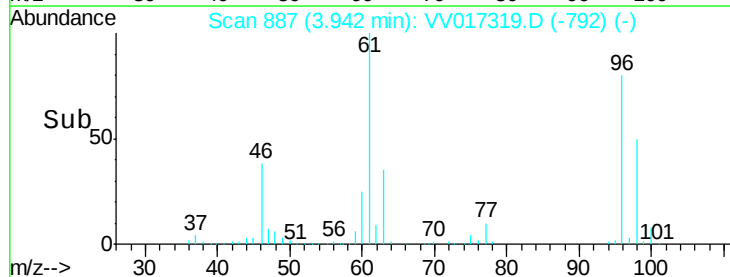
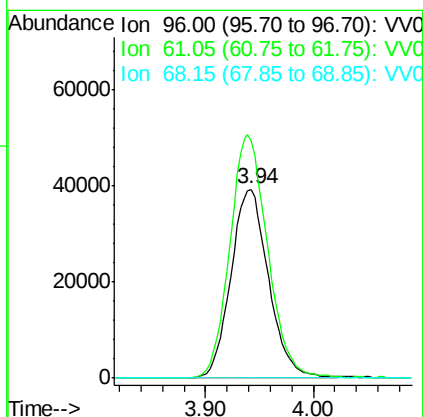
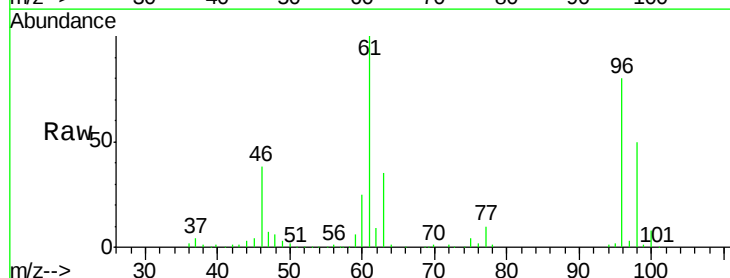
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MSVOA_V
ClientSampled :
H4307DL

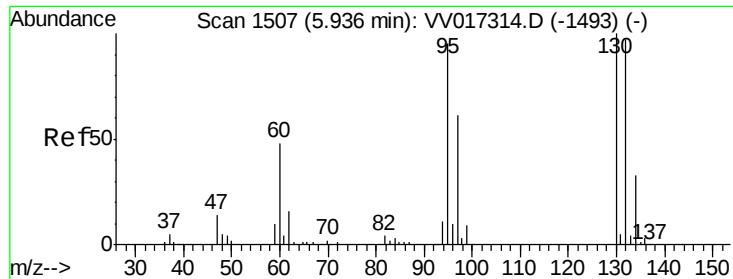
Tot Ion: 96 Resp: 20610
Ion Ratio Lower Upper
96 100
61 137.7 102.3 189.9
98 63.3 44.7 82.9



#22
cis-1,2-Dichloroethene
Concen: 8.031 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017319.D
Acq: 02 Jul 2020 20:37

Tgt Ion: 96 Resp: 95454
Ion Ratio Lower Upper
96 100
61 125.7 91.0 169.0
68 0.3 0.0 0.0#

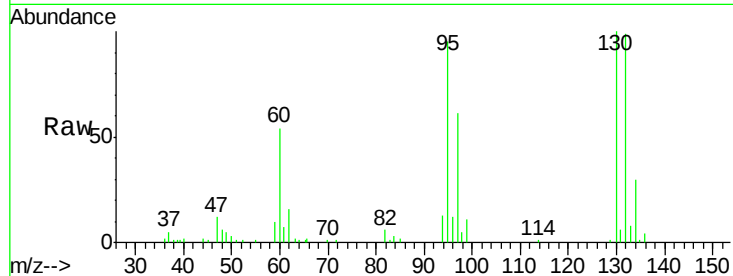




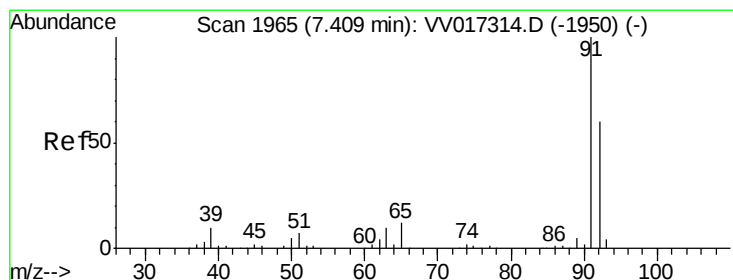
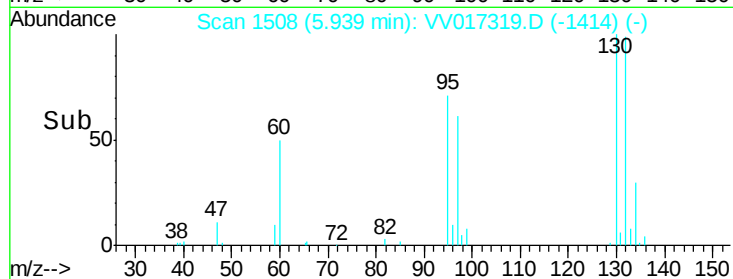
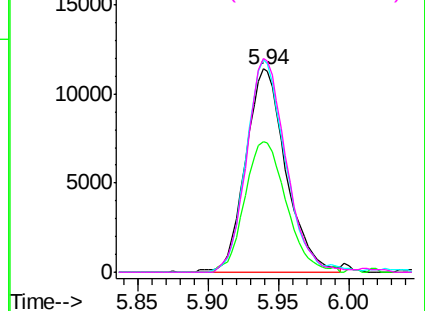
#34
 Trichloroethene
 Concen: 1.816 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017319.D
 Acq: 02 Jul 2020 20:37

Instrument :
 MSVOA_V
 ClientSampleID :
 H4307DL

Tot Ion: 95 Resp: 22873
 Ion Ratio Lower Upper
 95 100
 97 64.3 45.3 84.1
 132 104.5 68.8 127.8
 130 105.1 70.2 130.4

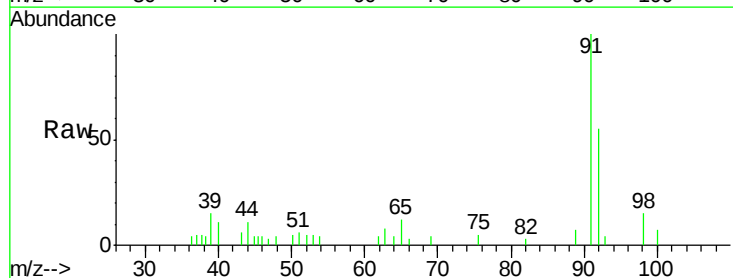


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0



#42
 Toluene
 Concen: 0.114 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV017319.D
 Acq: 02 Jul 2020 20:37

Tgt Ion: 91 Resp: 5679
 Ion Ratio Lower Upper
 91 100
 92 59.0 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0

