

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071918\
 Data File : VU025515.D
 Acq On : 19 Jul 2018 12:10
 Operator : MD/SY
 Sample : J3984-17DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A7DL

Quant Time: Jul 20 02:45:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 20 02:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	321365	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	283542	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	124595	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	5458	3.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	7.20%#
7) Chloroethane-d5	1.69	69	2656	2.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	4.12%#
11) 1,1-Dichloroethene-d2	2.28	63	4406	1.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	2.64%#
21) 2-Butanone-d5	4.18	46	193	0.12	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.12%#
24) Chloroform-d	4.65	84	708	0.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.36%#
26) 1,2-Dichloroethane-d4	5.31	65	643	0.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.48%#
32) Benzene-d6	5.35	84	2841	0.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.82%#
36) 1,2-Dichloropropane-d6	6.34	67	98	0.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	0.08%#
41) Toluene-d8	7.57	98	2565	0.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.78%#
43) trans-1,3-Dichloropropene-	7.86	79	269	0.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.46%#
47) 2-Hexanone-d5	8.32	63	301	0.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.26%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	676	0.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	1991	0.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	1.60%#

Target Compounds

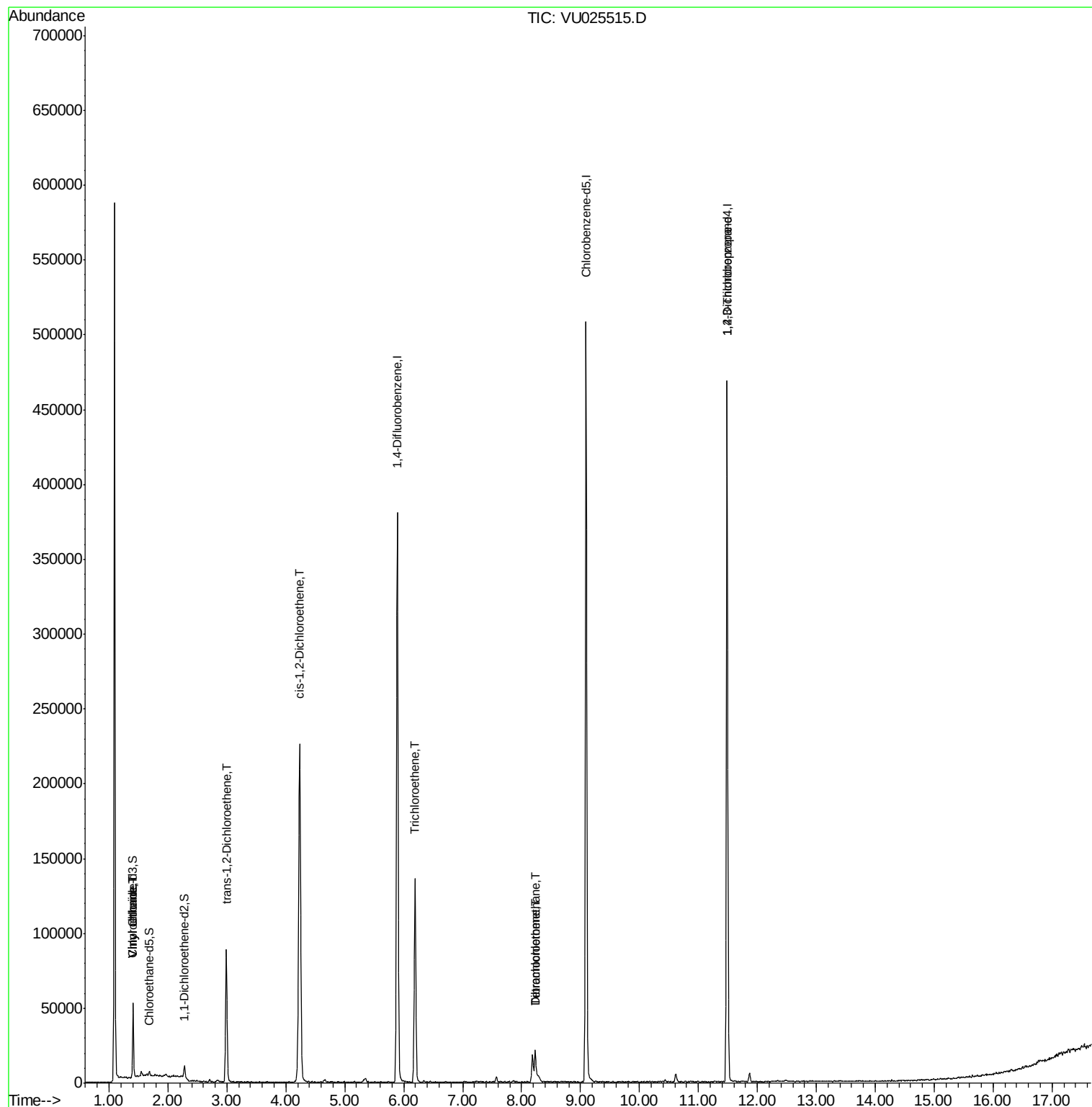
					Qvalue
5) Vinyl chloride	1.41	62	26444	11.241	ug/L 99
8) Chloroethane	1.41	64	8536	6.063	ug/L # 45
17) trans-1,2-Dichloroethene	2.99	96	34320	16.658	ug/L 95
20) cis-1,2-Dichloroethene	4.23	96	129444	51.315	ug/L 97
34) Trichloroethene	6.19	95	45787	20.620	ug/L 96
46) Tetrachloroethene	8.23	164	3556	1.920	ug/L 94
49) Dibromochloromethane	8.23	129	3517	1.324	ug/L # 12
59) 1,2,3-Trichloropropane	11.49	75	13555	4.405	ug/L # 75

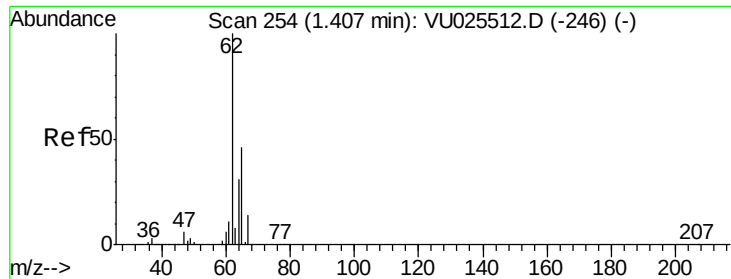
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 20 02:44:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.241 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025515.D

Acq: 19 Jul 2018 12:10

Instrument :

MSVOA_U

ClientSampleId :

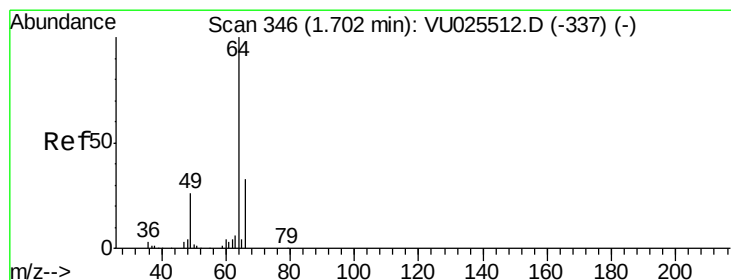
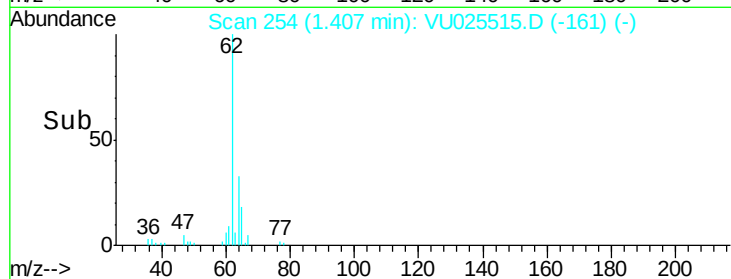
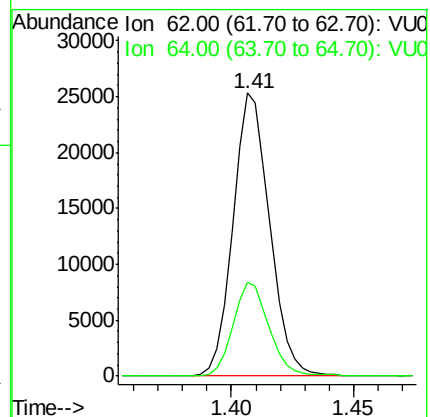
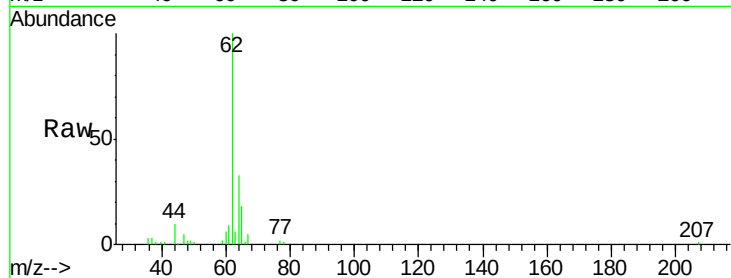
DB1A7DL

Tgt Ion: 62 Resp: 26444

Ion Ratio Lower Upper

62 100

64 33.2 22.7 42.1



#8

Chloroethane

Concen: 6.063 ug/L

RT: 1.41 min Scan# 254

Delta R.T. -0.30 min

Lab File: VU025515.D

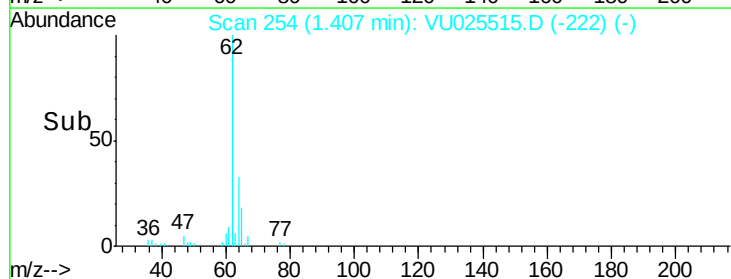
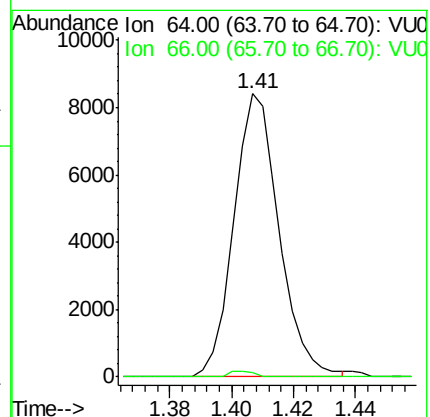
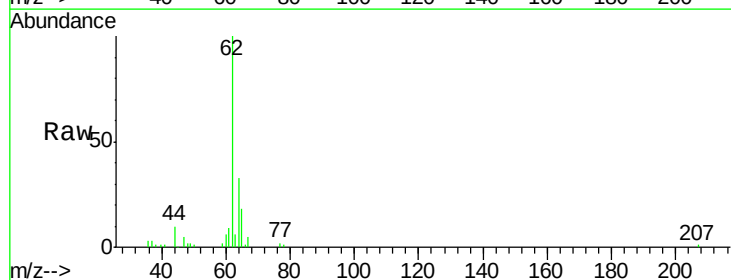
Acq: 19 Jul 2018 12:10

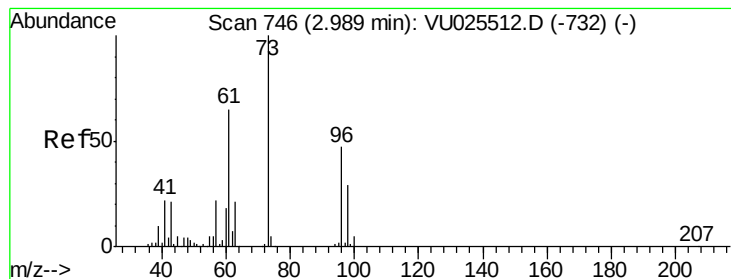
Tgt Ion: 64 Resp: 8536

Ion Ratio Lower Upper

64 100

66 1.7 23.0 42.8#





#17

trans-1,2-Dichloroethene

Concen: 16.658 ug/L

RT: 2.99 min Scan# 747

Delta R.T. 0.00 min

Lab File: VU025515.D

Acq: 19 Jul 2018 12:10

Instrument :

MSVOA_U

ClientSampleId :

DB1A7DL

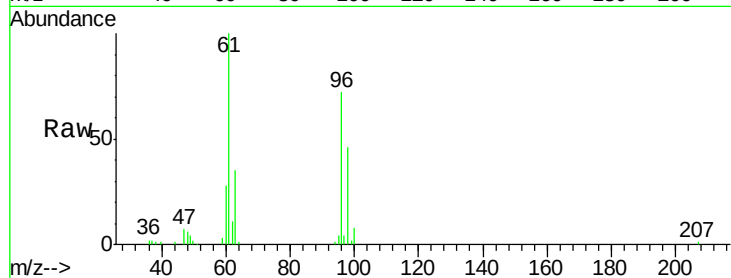
Tgt Ion: 96 Resp: 34320

Ion Ratio Lower Upper

96 100

61 138.8 103.6 192.4

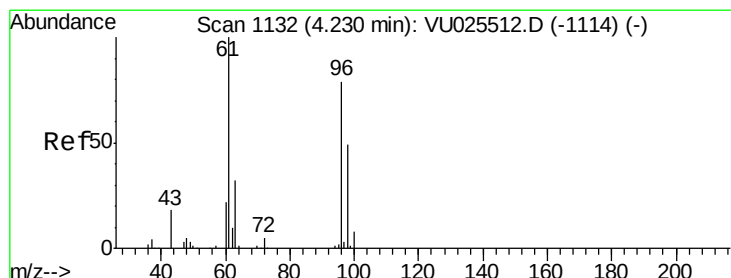
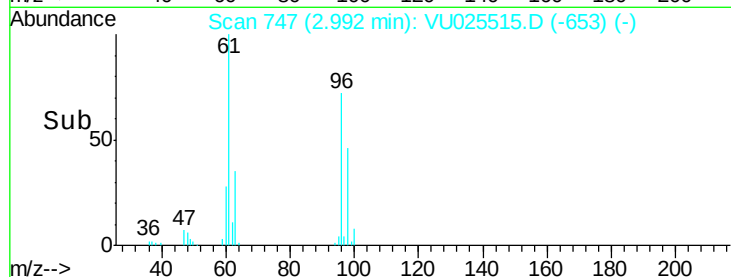
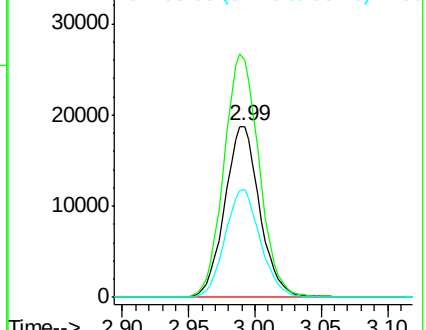
98 63.2 44.8 83.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 51.315 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025515.D

Acq: 19 Jul 2018 12:10

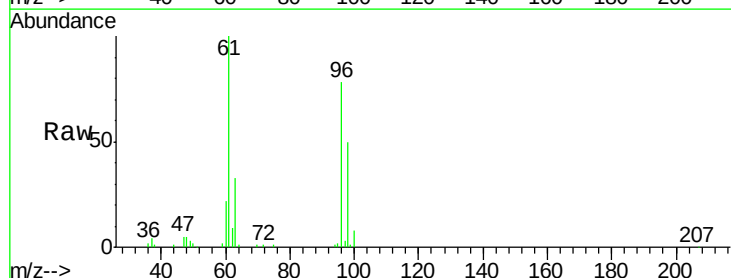
Tgt Ion: 96 Resp: 129444

Ion Ratio Lower Upper

96 100

61 127.5 91.7 170.3

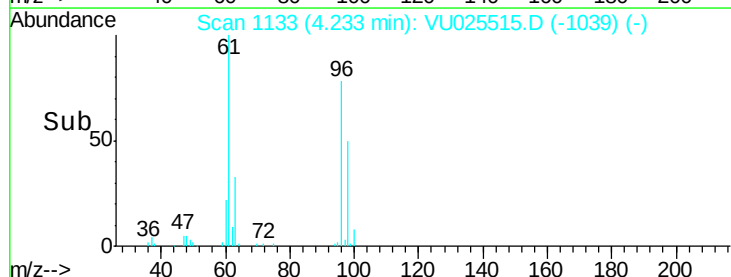
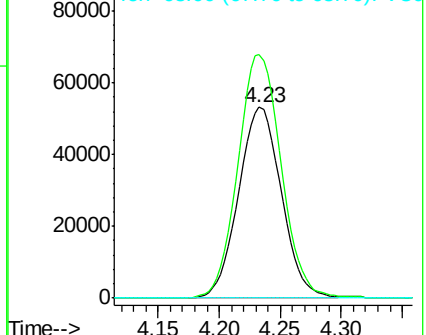
68 0.0 0.0 0.0

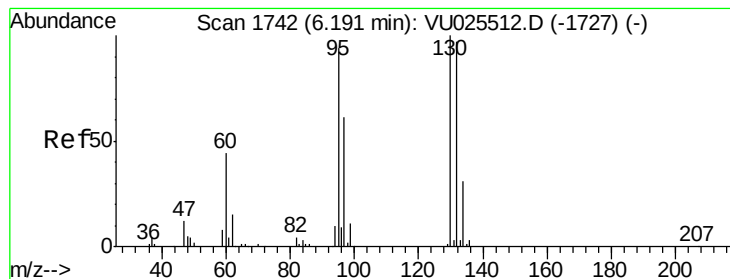


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 20.620 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025515.D

Acq: 19 Jul 2018 12:10

Instrument :

MSVOA_U

ClientSampleId :

DB1A7DL

Tgt Ion: 95 Resp: 45787

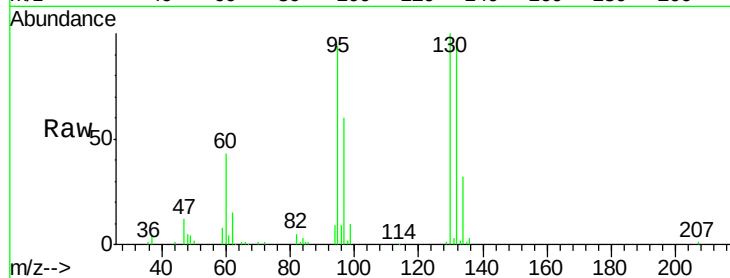
Ion Ratio Lower Upper

95 100

97 64.1 45.9 85.3

132 102.6 68.2 126.6

130 106.8 71.8 133.4

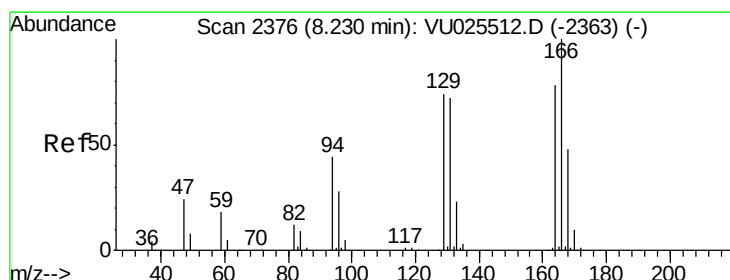
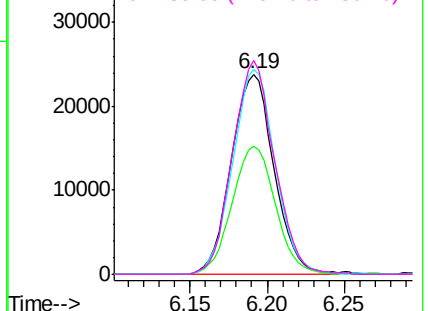
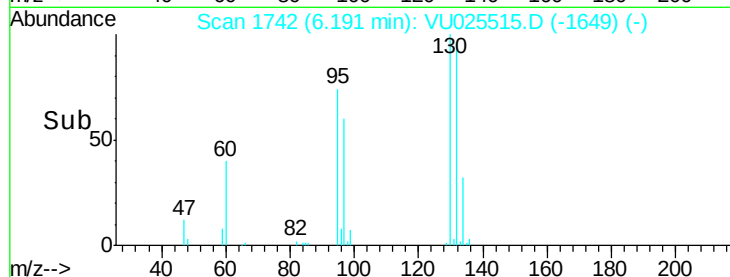


Abundance Ion 95.00 (94.70 to 95.70): VU025515.D (-1649) (-)

Ion 97.00 (96.70 to 97.70): VU025515.D (-1649) (-)

Ion 132.00 (131.70 to 132.70): VU025515.D (-1649) (-)

Ion 130.00 (129.70 to 130.70): VU025515.D (-1649) (-)



#46

Tetrachloroethene

Concen: 1.920 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025515.D

Acq: 19 Jul 2018 12:10

Tgt Ion: 164 Resp: 3556

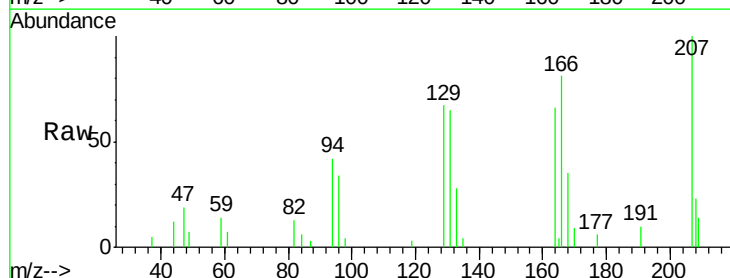
Ion Ratio Lower Upper

164 100

129 100.9 66.5 123.5

131 97.3 63.7 118.3

166 122.1 90.8 168.6

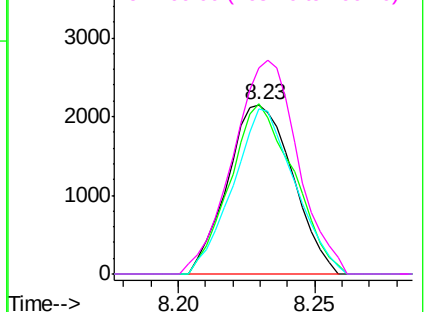
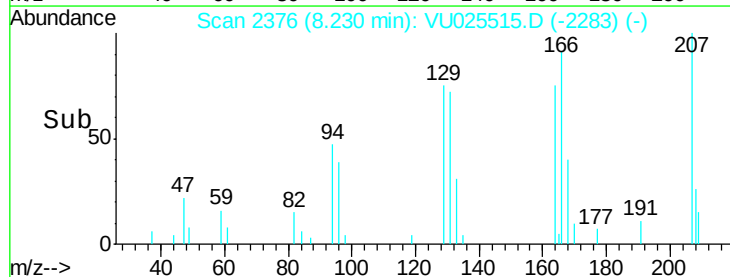


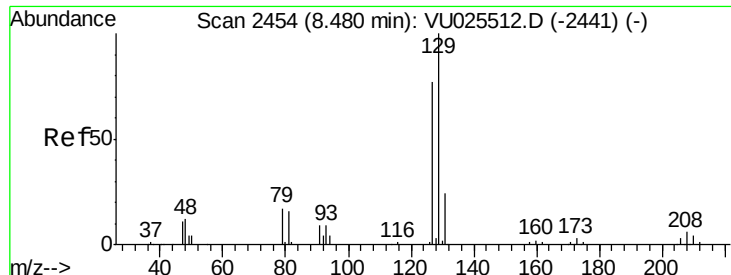
Abundance Ion 164.00 (163.70 to 164.70): VU025515.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU025515.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU025515.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU025515.D (-2283) (-)

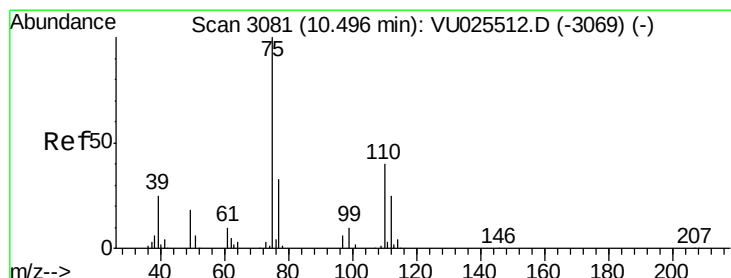
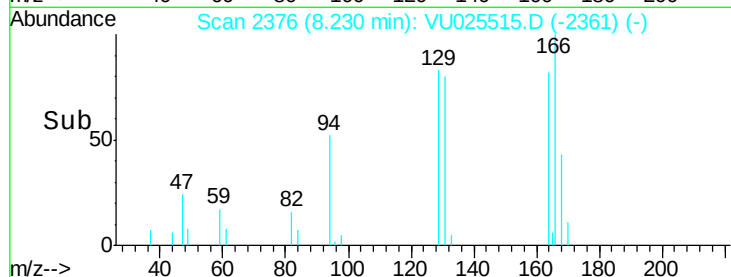
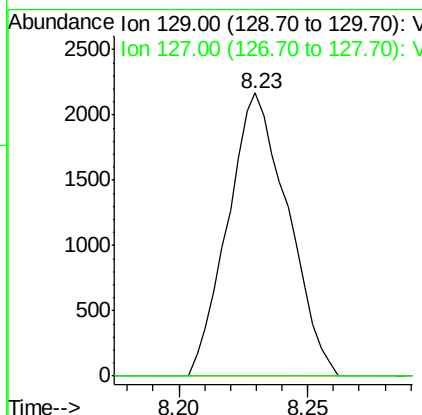
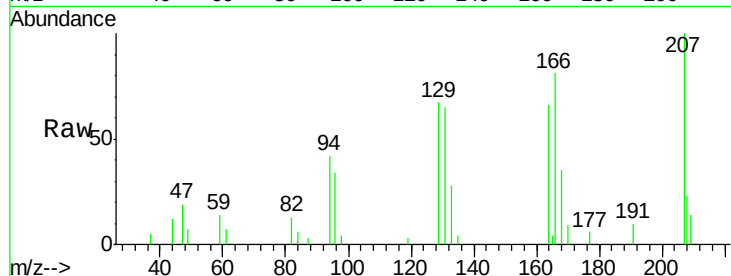




#49
 Dibromochloromethane
 Concen: 1.324 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU025515.D
 Acq: 19 Jul 2018 12:10

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A7DL

Tgt Ion: 129 Resp: 3517
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.4 97.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.405 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025515.D
 Acq: 19 Jul 2018 12:10

Tgt Ion: 75 Resp: 13555
 Ion Ratio Lower Upper
 75 100
 77 46.7 26.2 39.2#

