

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071918\
 Data File : VU025514.D
 Acq On : 19 Jul 2018 11:47
 Operator : MD/SY
 Sample : J3984-16DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A5DL

Quant Time: Jul 20 02:44:59 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	222038	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	199640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	92446	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74475	71.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	142.24%#
7) Chloroethane-d5	1.68	69	70859	79.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	158.86%#
11) 1,1-Dichloroethene-d2	2.28	63	124912	54.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.66%
21) 2-Butanone-d5	4.17	46	158207	141.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.99%#
24) Chloroform-d	4.65	84	216704	79.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	159.56%#
26) 1,2-Dichloroethane-d4	5.31	65	149322	80.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	161.56%#
32) Benzene-d6	5.35	84	395693	82.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	164.04%#
36) 1,2-Dichloropropane-d6	6.33	67	137450	86.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	172.06%#
41) Toluene-d8	7.57	98	356917	76.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	152.86%#
43) trans-1,3-Dichloropropene-	7.85	79	65085	78.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	156.52%#
47) 2-Hexanone-d5	8.31	63	115720	139.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	139.71%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	186668	78.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	157.38%#
64) 1,2-Dichlorobenzene-d4	11.86	152	154470	83.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	166.76%#

Target Compounds

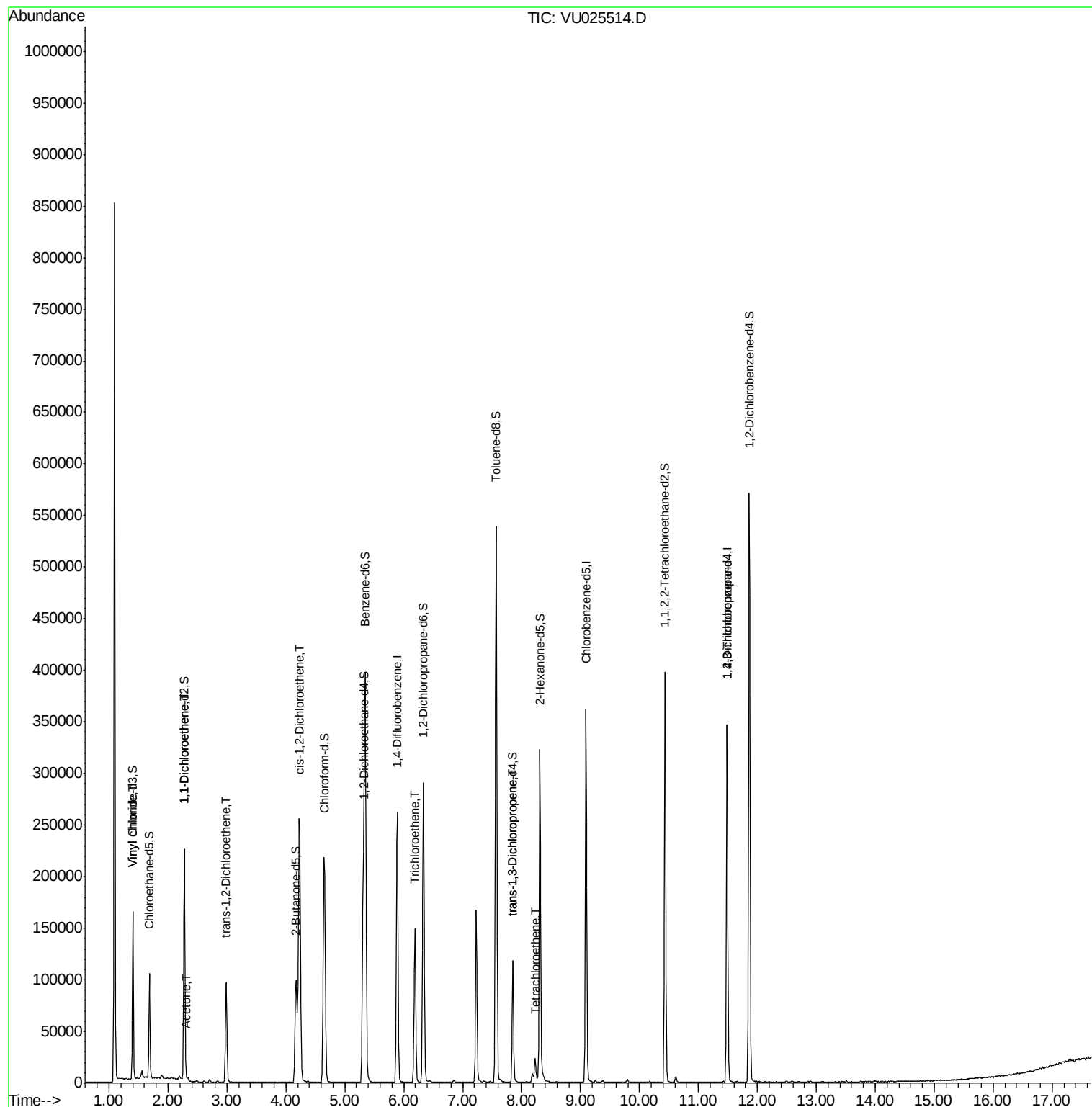
					Qvalue
5) Vinyl chloride	1.41	62	29647	18.240 ug/L	90
12) 1,1-Dichloroethene	2.28	96	1650	1.371 ug/L #	1
13) Acetone	2.32	43	1799	1.849 ug/L	79
17) trans-1,2-Dichloroethene	2.99	96	38500	27.046 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	143321	82.233 ug/L	99
34) Trichloroethene	6.19	95	51549	32.971 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3330	1.374 ug/L	98
46) Tetrachloroethene	8.23	164	4372	3.352 ug/L	93
59) 1,2,3-Trichloropropane	11.49	75	10462	4.829 ug/L	89

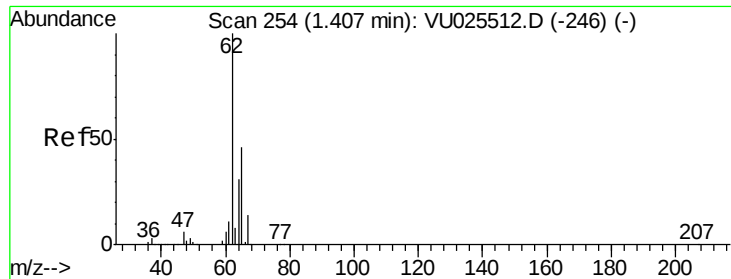
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 18.240 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

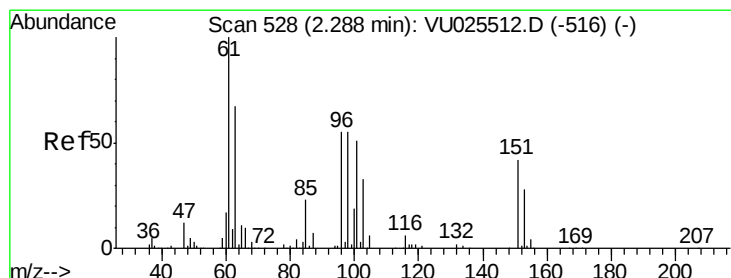
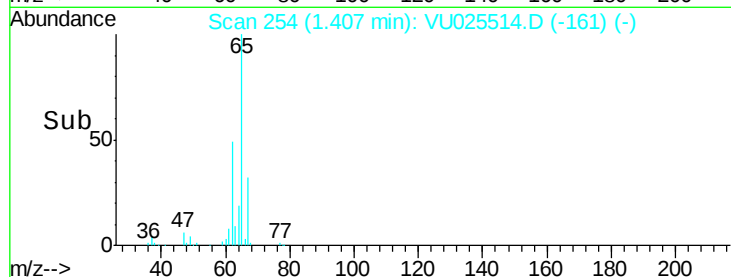
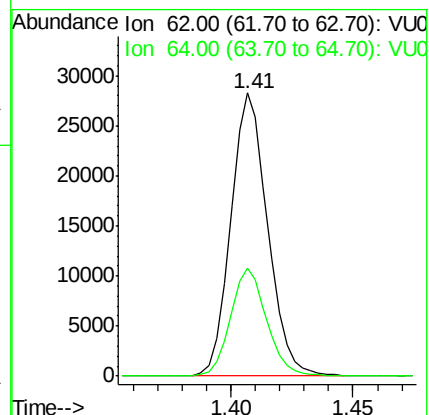
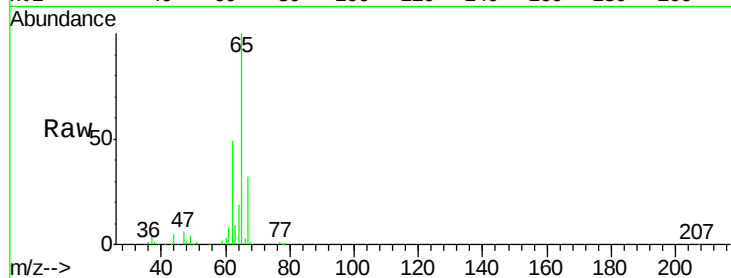
DB1A5DL

Tgt Ion: 62 Resp: 29647

Ion Ratio Lower Upper

62 100

64 38.1 22.7 42.1



#12

1,1-Dichloroethene

Concen: 1.371 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

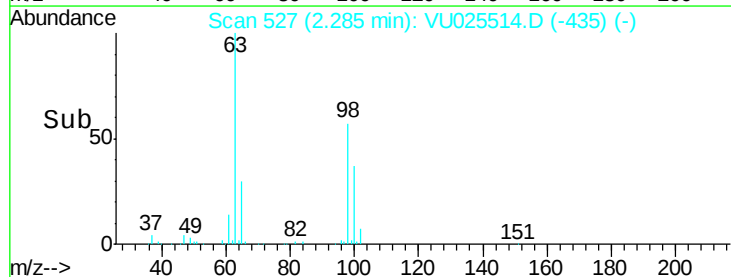
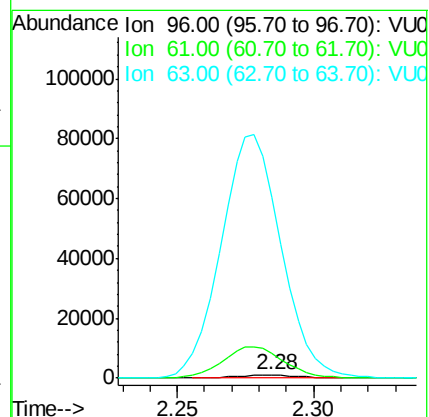
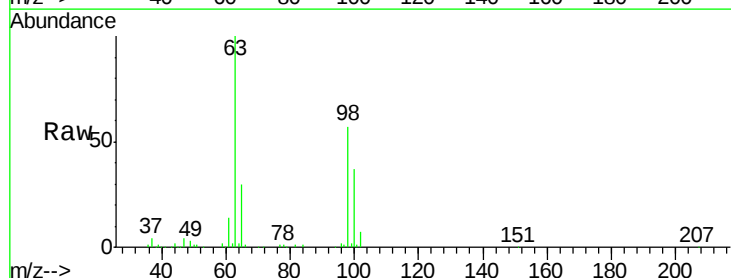
Tgt Ion: 96 Resp: 1650

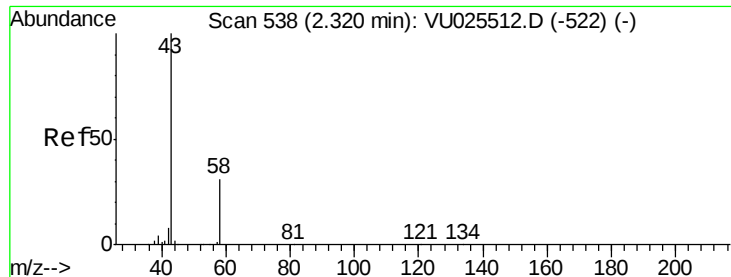
Ion Ratio Lower Upper

96 100

61 831.5 120.6 224.0#

63 6091.6 79.3 147.3#





#13

Acetone

Concen: 1.849 ug/L

RT: 2.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

Instrument :

MSVOA_U

ClientSampled :

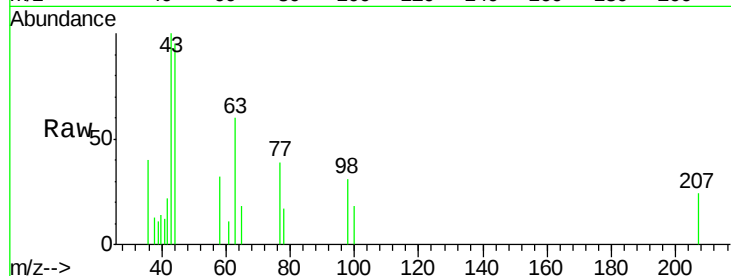
DB1A5DL

Tgt Ion: 43 Resp: 1799

Ion Ratio Lower Upper

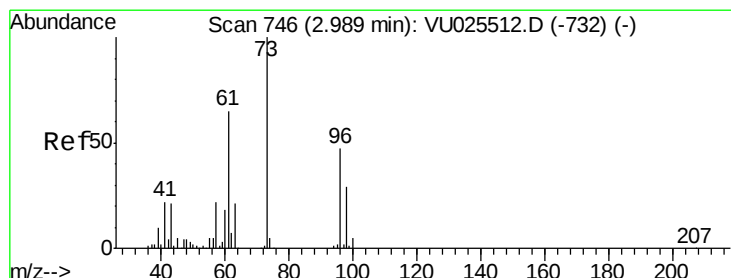
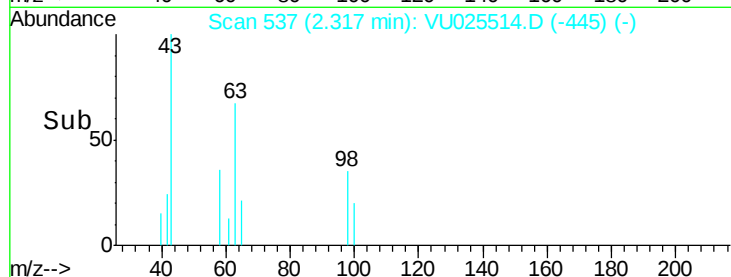
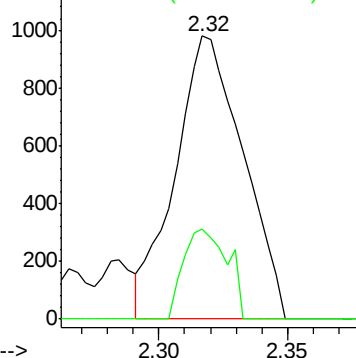
43 100

58 18.2 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 27.046 ug/L

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

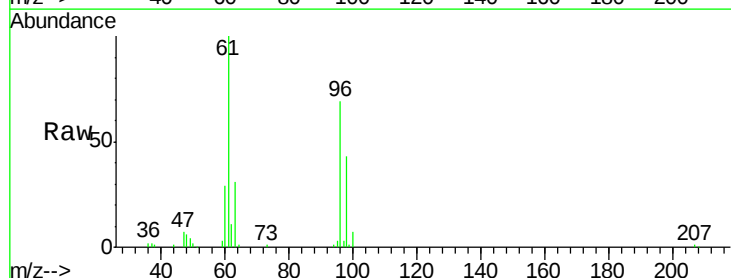
Tgt Ion: 96 Resp: 38500

Ion Ratio Lower Upper

96 100

61 144.4 103.6 192.4

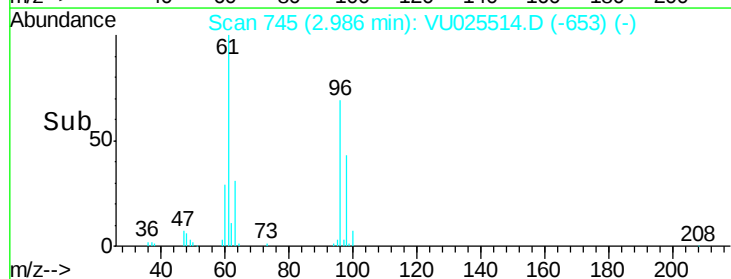
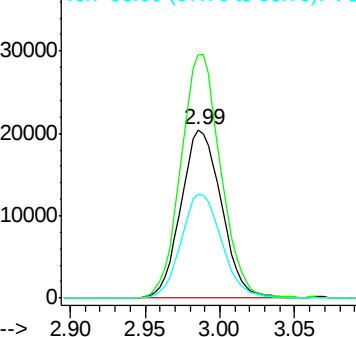
98 61.9 44.8 83.2

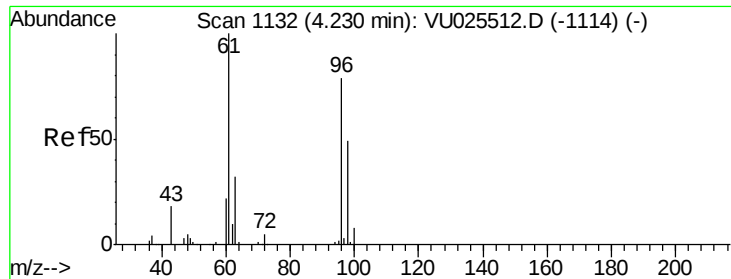


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

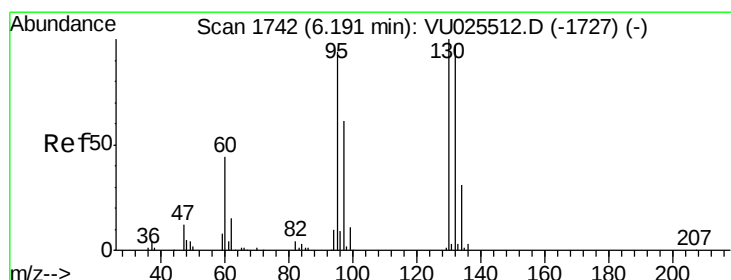
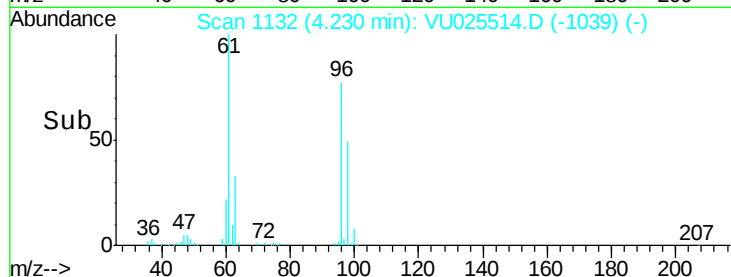
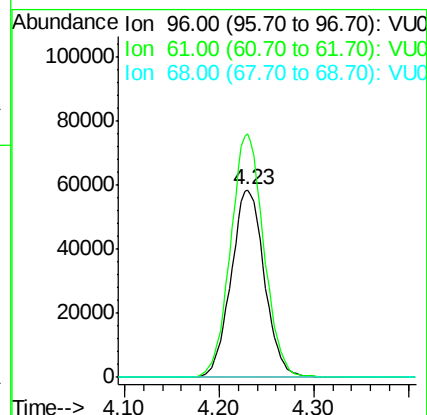
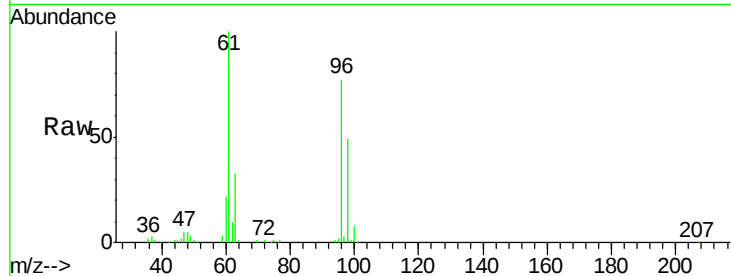




#20
 cis-1,2-Dichloroethene
 Concen: 82.233 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025514.D
 Acq: 19 Jul 2018 11:47

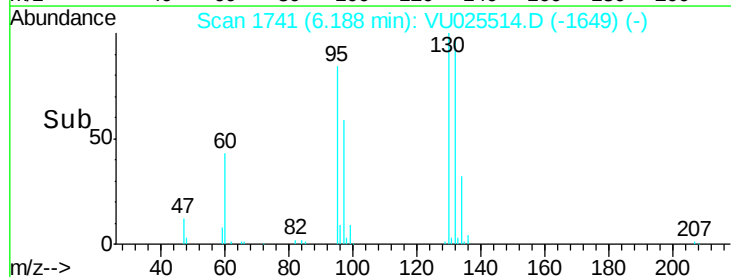
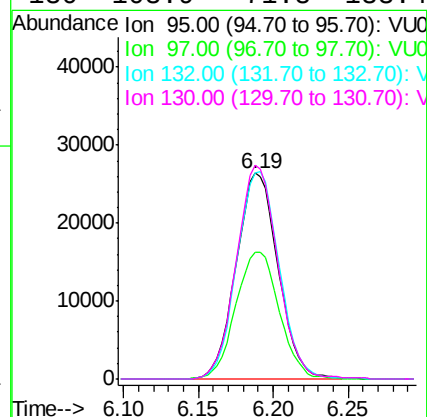
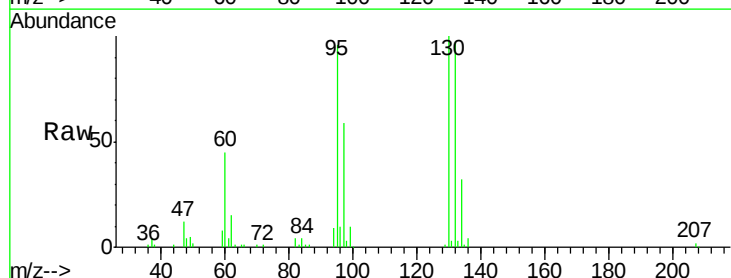
Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A5DL

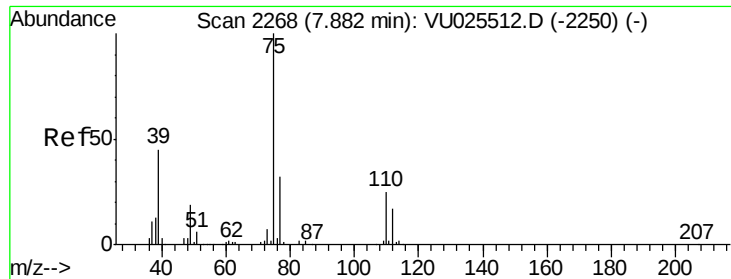
Tgt Ion: 96 Resp: 143321
 Ion Ratio Lower Upper
 96 100
 61 130.0 91.7 170.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 32.971 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025514.D
 Acq: 19 Jul 2018 11:47

Tgt Ion: 95 Resp: 51549
 Ion Ratio Lower Upper
 95 100
 97 61.8 45.9 85.3
 132 100.4 68.2 126.6
 130 103.9 71.8 133.4





#44

trans-1,3-Dichloropropene

Concen: 1.374 ug/L

RT: 7.85 min Scan# 2258

Delta R.T. -0.03 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

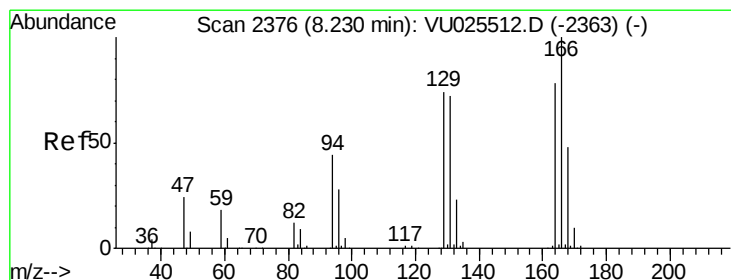
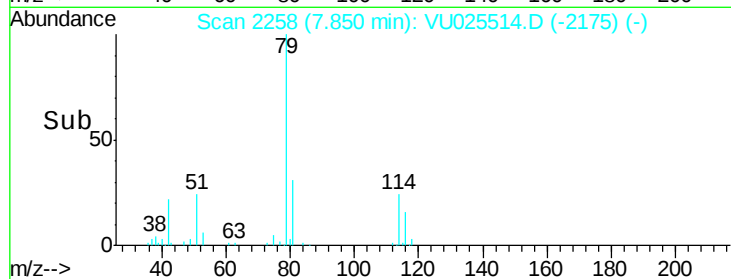
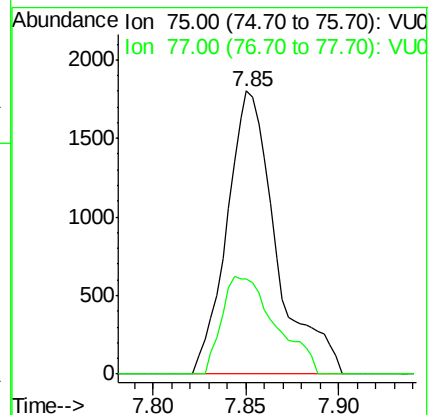
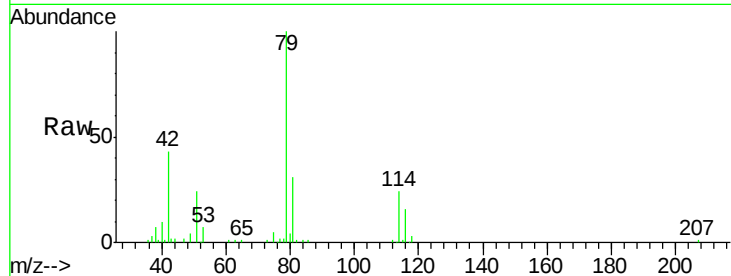
DB1A5DL

Tgt Ion: 75 Resp: 3330

Ion Ratio Lower Upper

75 100

77 33.5 22.7 42.3



#46

Tetrachloroethene

Concen: 3.352 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

Tgt Ion: 164 Resp: 4372

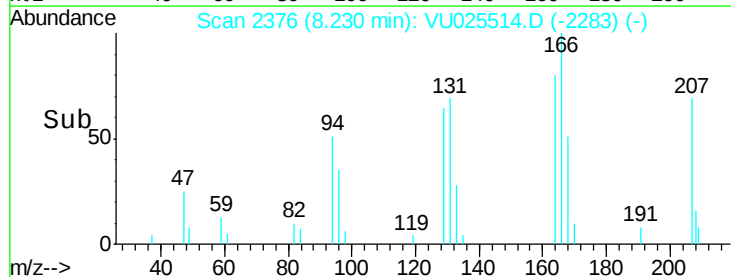
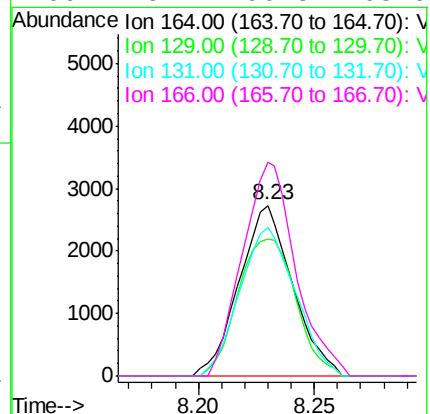
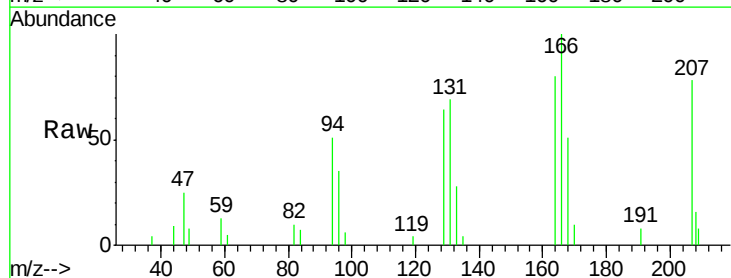
Ion Ratio Lower Upper

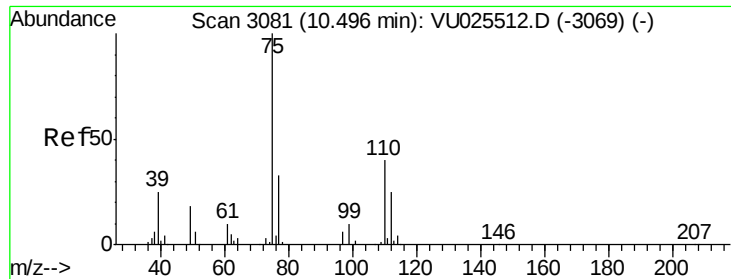
164 100

129 80.2 66.5 123.5

131 86.9 63.7 118.3

166 125.4 90.8 168.6





#59

1,2,3-Trichloropropane

Concen: 4.829 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025514.D

Acq: 19 Jul 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

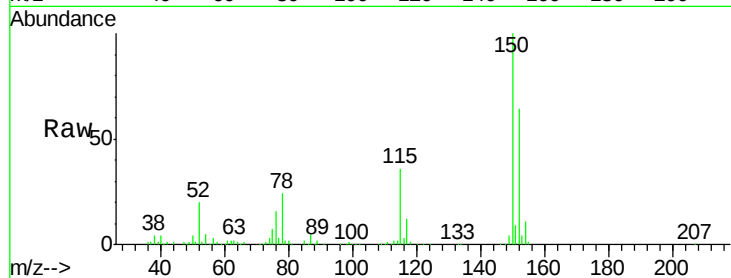
DB1A5DL

Tgt Ion: 75 Resp: 10462

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

