

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071918\
 Data File : VU025518.D
 Acq On : 19 Jul 2018 13:36
 Operator : MD/SY
 Sample : J3984-13DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL

Quant Time: Jul 20 02:45:23 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	311433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284473	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60502	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.38%
7) Chloroethane-d5	1.68	69	56815	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.82%
11) 1,1-Dichloroethene-d2	2.28	63	106292	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	4.17	46	166583	106.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.59%
24) Chloroform-d	4.65	84	176924	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.31	65	123663	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.40%
32) Benzene-d6	5.35	84	324627	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.33	67	108638	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.57	98	304493	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.85	79	52560	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.70%
47) 2-Hexanone-d5	8.31	63	123891	104.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	167897	49.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	136582	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

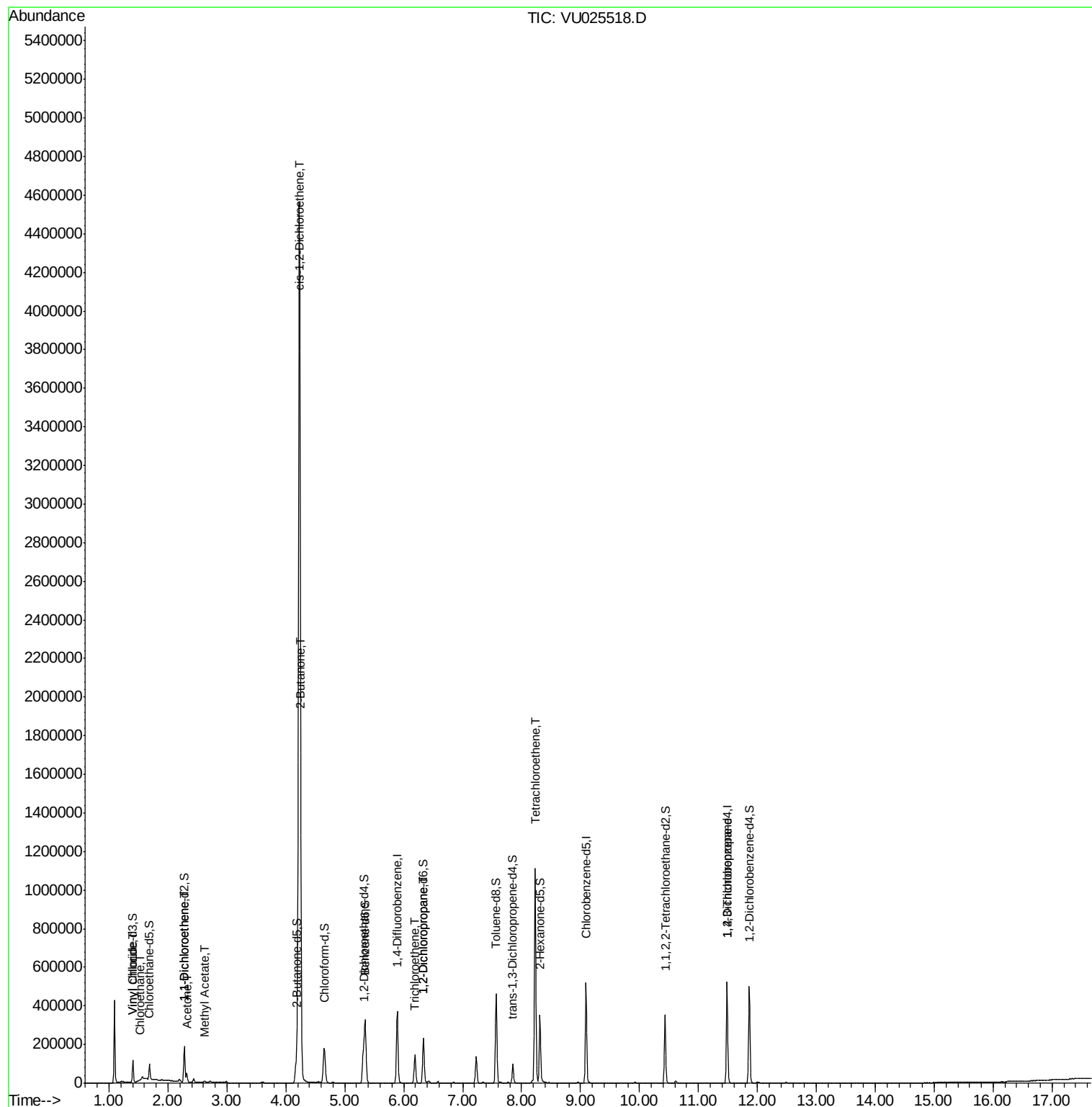
					Qvalue
5) Vinyl chloride	1.41	62	17815	7.814 ug/L	91
8) Chloroethane	1.52	64	10688	7.834 ug/L #	50
12) 1,1-Dichloroethene	2.29	96	3448	2.043 ug/L #	1
13) Acetone	2.32	43	49204	36.054 ug/L	98
15) Methyl Acetate	2.62	43	4756	1.886 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	2562051	1048.056 ug/L	98
22) 2-Butanone	4.26	43	57883	30.814 ug/L #	18
34) Trichloroethene	6.19	95	49807	22.357 ug/L	98
37) 1,2-Dichloropropane	6.33	63	12882	5.549 ug/L #	88
46) Tetrachloroethene	8.23	164	250155	134.601 ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	14989	4.855 ug/L #	86

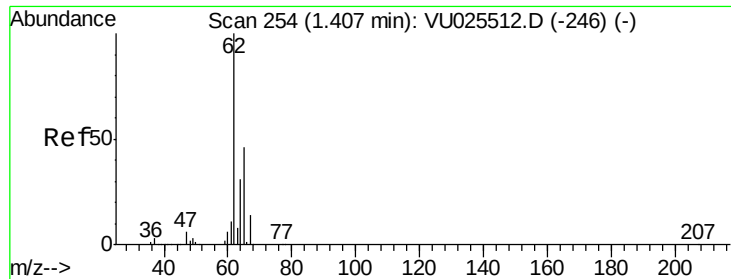
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 7.814 ug/L

RT: 1.41 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU025518.D

Acq: 19 Jul 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

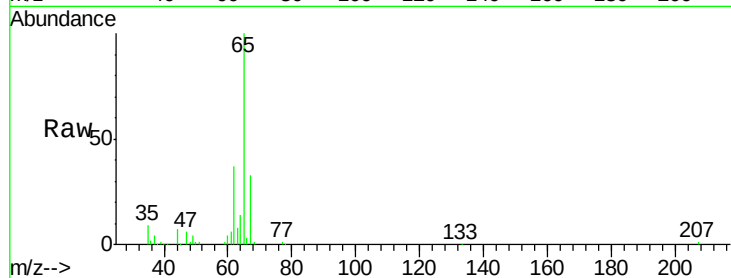
DB189DL

Tgt Ion: 62 Resp: 17815

Ion Ratio Lower Upper

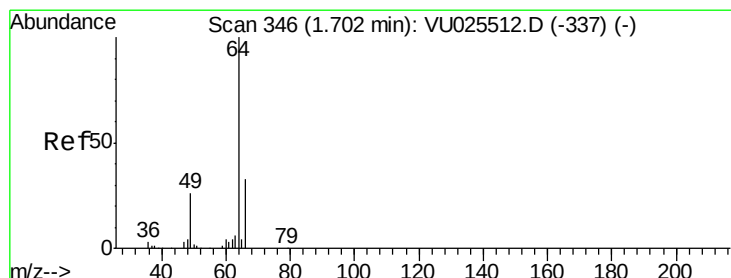
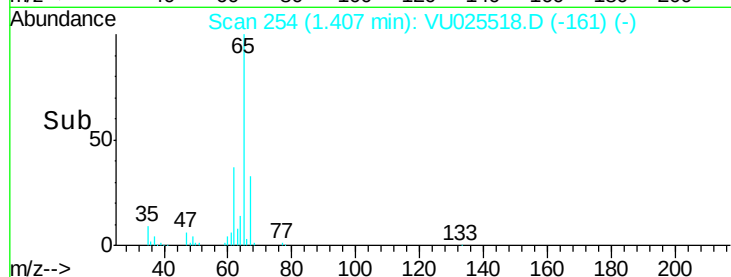
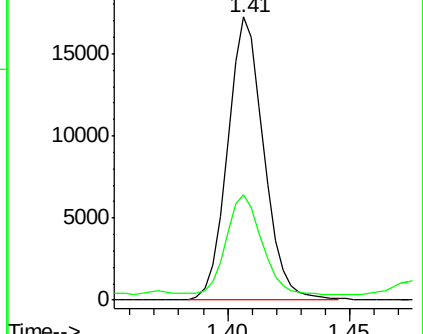
62 100

64 37.3 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#8

Chloroethane

Concen: 7.834 ug/L

RT: 1.52 min Scan# 289

Delta R.T. -0.18 min

Lab File: VU025518.D

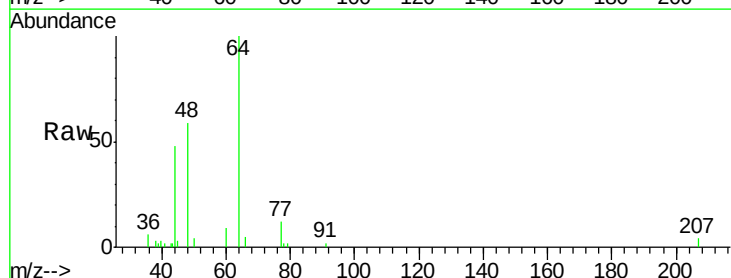
Acq: 19 Jul 2018 13:36

Tgt Ion: 64 Resp: 10688

Ion Ratio Lower Upper

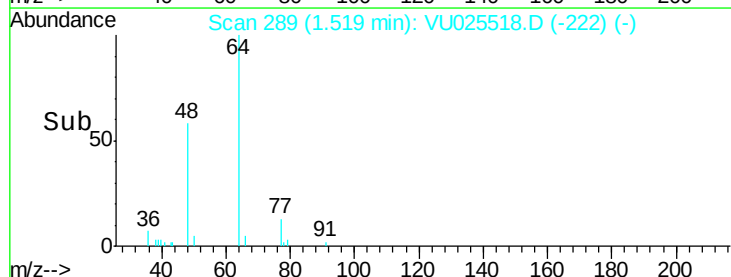
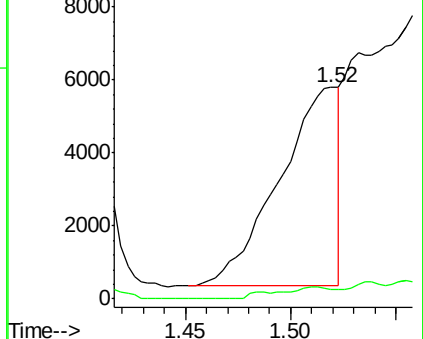
64 100

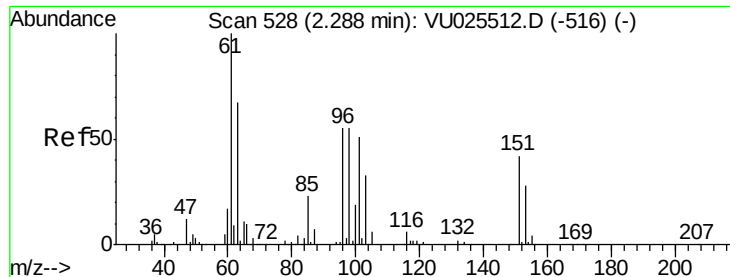
66 4.5 23.0 42.8#



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#12

1,1-Dichloroethene

Concen: 2.043 ug/L

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025518.D

Acq: 19 Jul 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

DB189DL

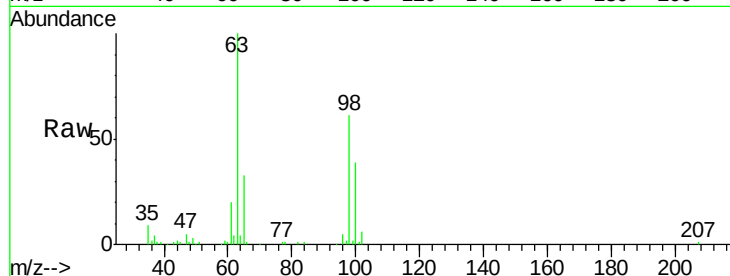
Tgt Ion: 96 Resp: 3448

Ion Ratio Lower Upper

96 100

61 374.6 120.6 224.0#

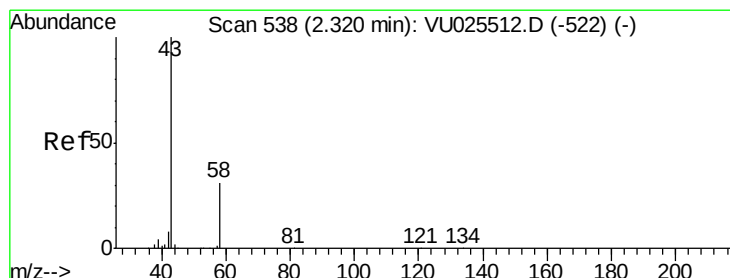
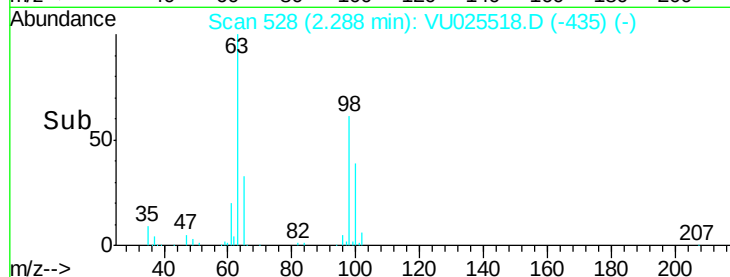
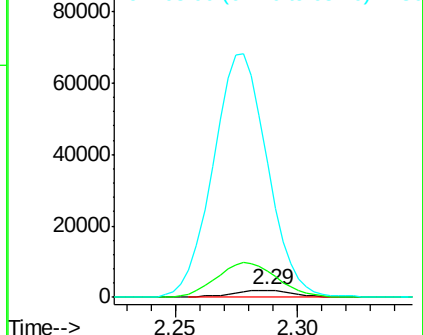
63 1903.4 79.3 147.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 36.054 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025518.D

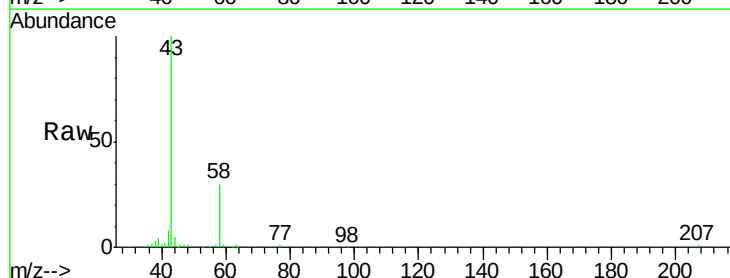
Acq: 19 Jul 2018 13:36

Tgt Ion: 43 Resp: 49204

Ion Ratio Lower Upper

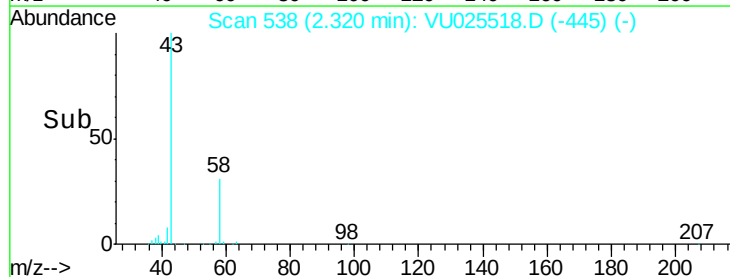
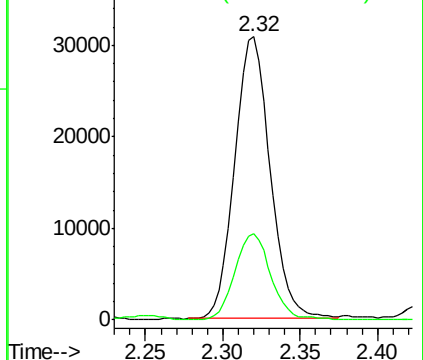
43 100

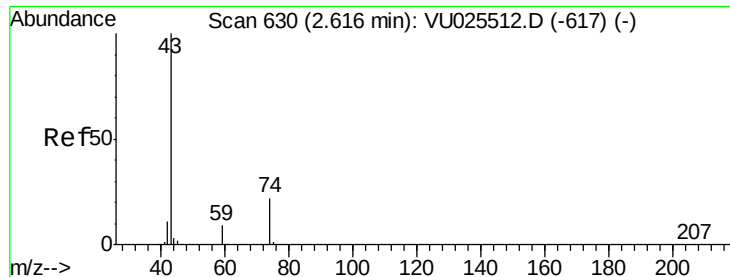
58 30.7 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

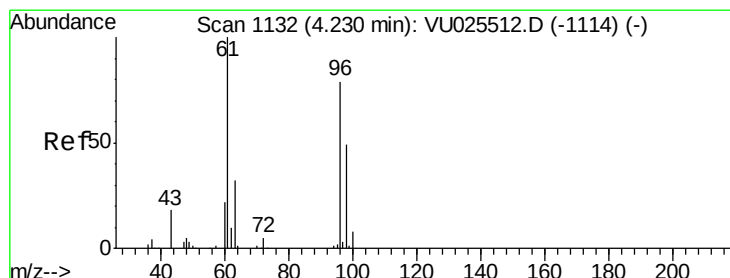
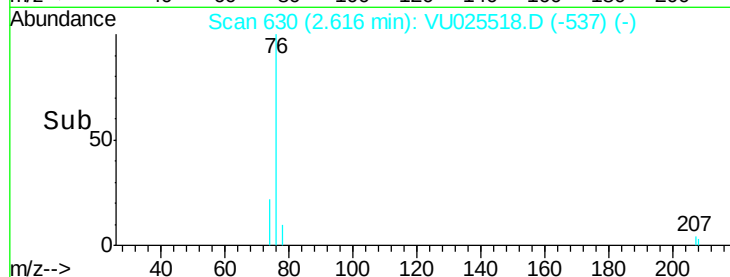
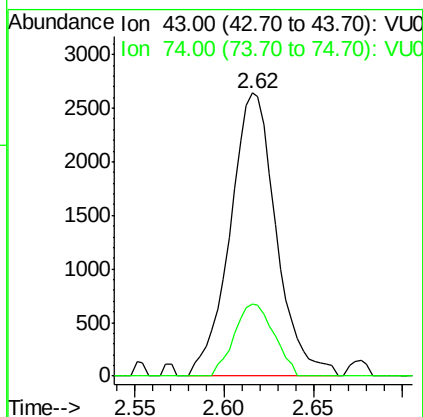
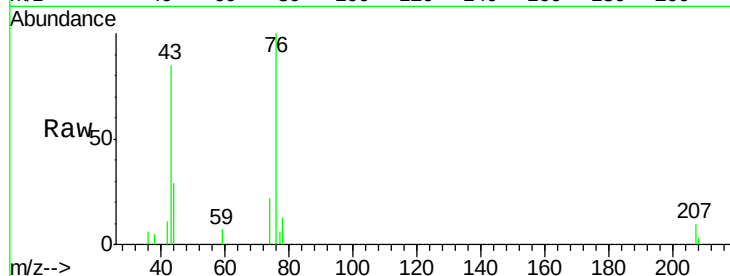




#15
Methyl Acetate
Concen: 1.886 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025518.D
Acq: 19 Jul 2018 13:36

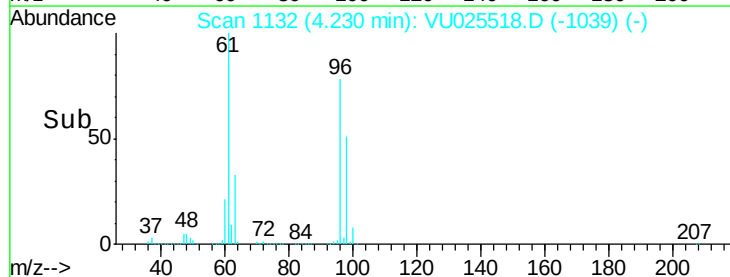
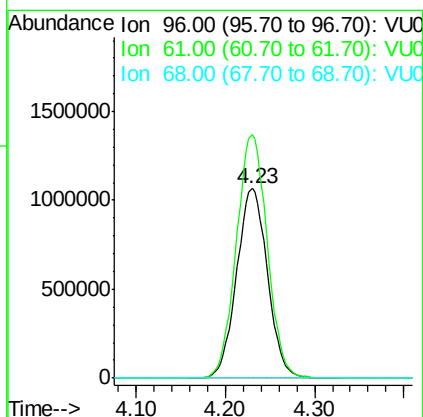
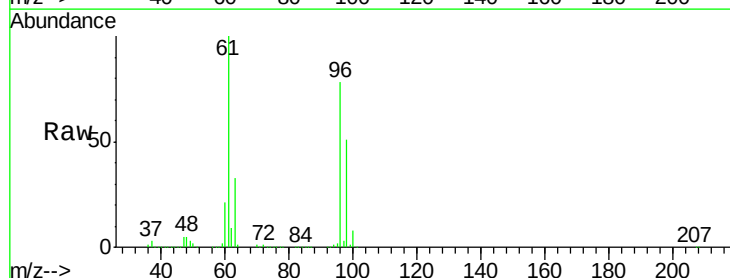
Instrument :
MSVOA_U
ClientSampleId :
DB189DL

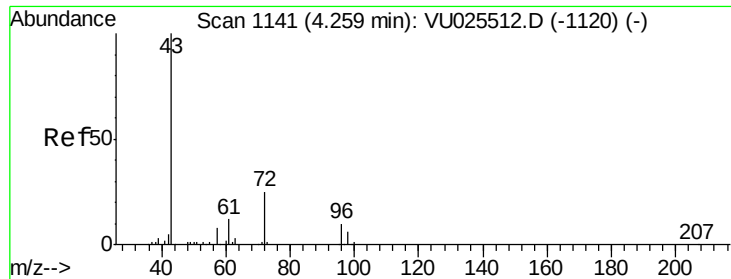
Tgt Ion: 43 Resp: 4756
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8



#20
cis-1,2-Dichloroethene
Concen: 1048.056 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VU025518.D
Acq: 19 Jul 2018 13:36

Tgt Ion: 96 Resp: 2562051
Ion Ratio Lower Upper
96 100
61 128.3 91.7 170.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 30.814 ug/L

RT: 4.26 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VU025518.D

Acq: 19 Jul 2018 13:36

Instrument :

MSVOA_U

ClientSampled :

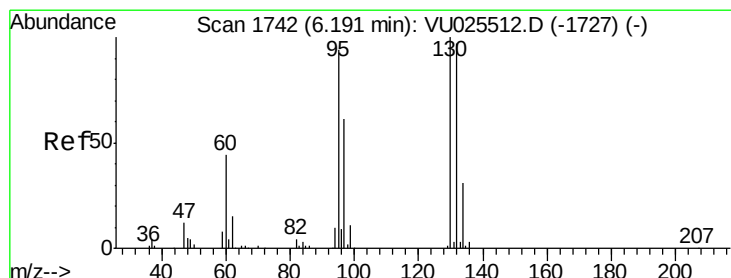
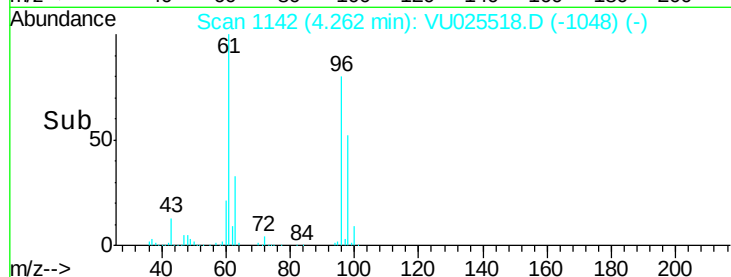
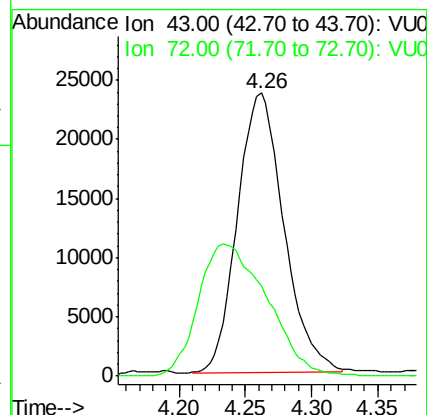
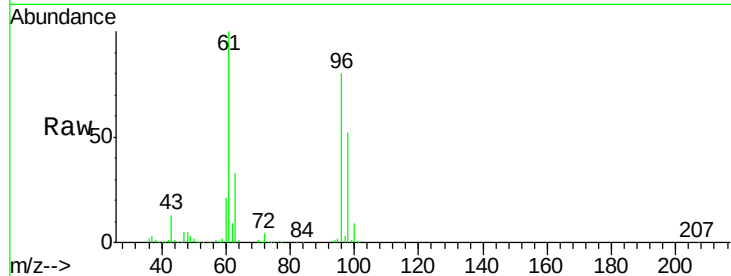
DB189DL

Tgt Ion: 43 Resp: 57883

Ion Ratio Lower Upper

43 100

72 69.3 13.4 40.2#



#34

Trichloroethene

Concen: 22.357 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025518.D

Acq: 19 Jul 2018 13:36

Tgt Ion: 95 Resp: 49807

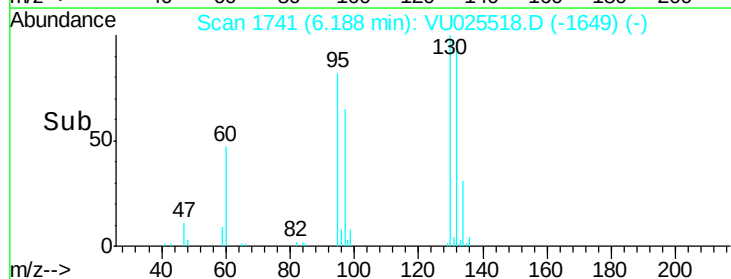
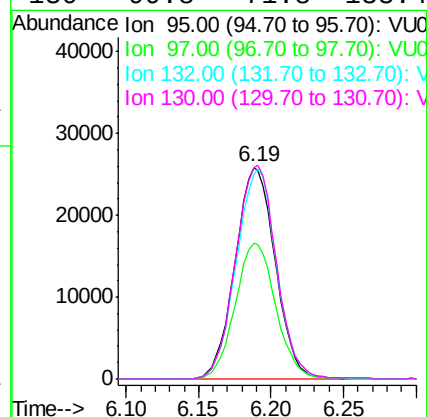
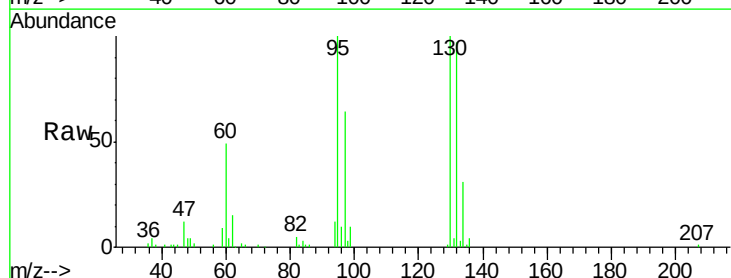
Ion Ratio Lower Upper

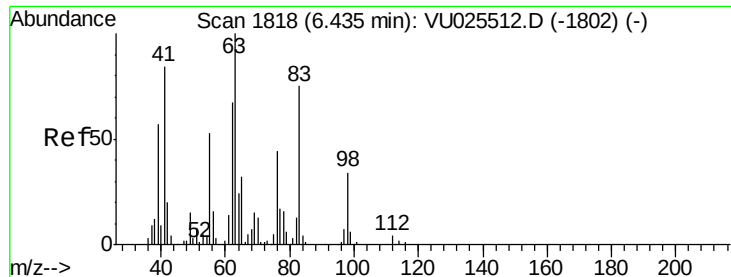
95 100

97 64.4 45.9 85.3

132 96.5 68.2 126.6

130 99.8 71.8 133.4

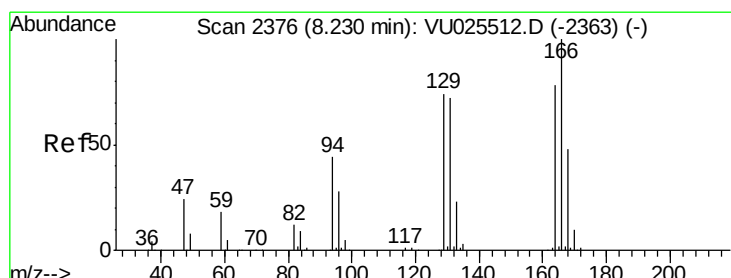
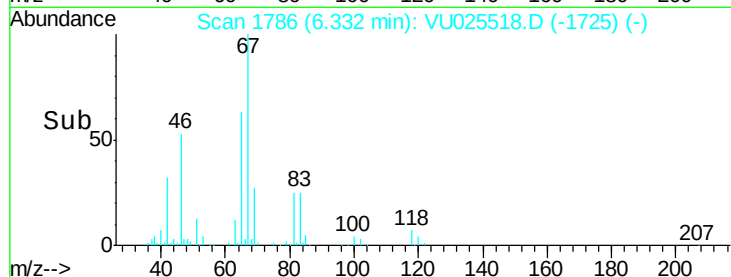
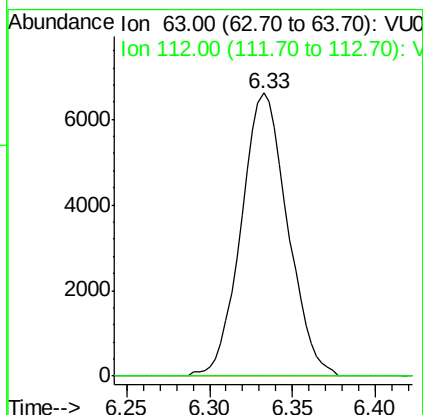
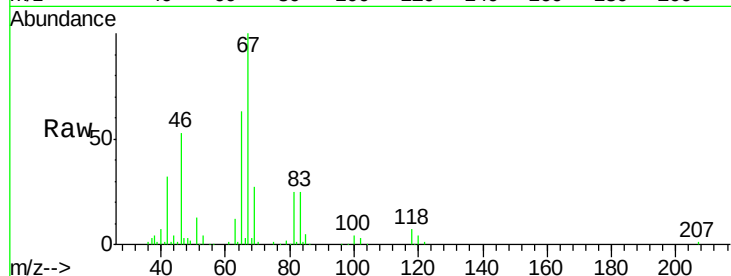




#37
 1,2-Dichloropropane
 Concen: 5.549 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025518.D
 Acq: 19 Jul 2018 13:36

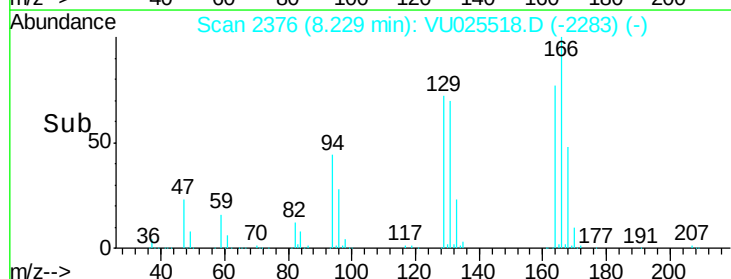
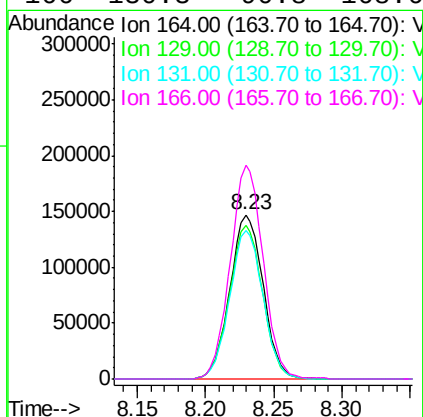
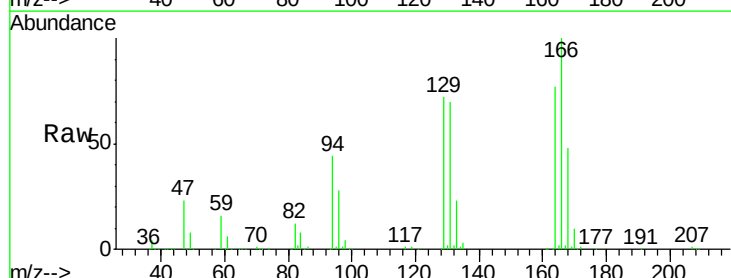
Instrument :
 MSVOA_U
 ClientSampleId :
 DB189DL

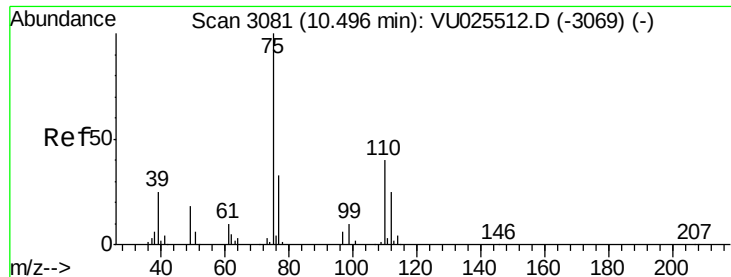
Tgt Ion: 63 Resp: 12882
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#46
 Tetrachloroethene
 Concen: 134.601 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU025518.D
 Acq: 19 Jul 2018 13:36

Tgt Ion: 164 Resp: 250155
 Ion Ratio Lower Upper
 164 100
 129 93.9 66.5 123.5
 131 90.8 63.7 118.3
 166 130.3 90.8 168.6





#59

1,2,3-Trichloropropane

Concen: 4.855 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025518.D

Acq: 19 Jul 2018 13:36

Instrument :

MSVOA_U

ClientSampleId :

DB189DL

Tgt Ion: 75 Resp: 14989

Ion Ratio Lower Upper

75 100

77 40.6 26.2 39.2#

