

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025449.D
 Acq On : 17 Jul 2018 01:26
 Operator : MD/SY
 Sample : J3984-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1A0

Quant Time: Jul 17 03:58:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	321841	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294522	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76205	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.06%
7) Chloroethane-d5	1.68	69	65054	45.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.56%
11) 1,1-Dichloroethene-d2	2.27	63	127467	34.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.16%
21) 2-Butanone-d5	4.18	46	165112	94.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.43%
24) Chloroform-d	4.65	84	178345	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	5.31	65	124587	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
32) Benzene-d6	5.35	84	340020	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
36) 1,2-Dichloropropane-d6	6.33	67	112871	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.57	98	322555	44.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.72%
43) trans-1,3-Dichloropropene-	7.85	79	42955	35.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.74%
47) 2-Hexanone-d5	8.31	63	119201	93.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.36%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164408	44.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	130966	45.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.62%

Target Compounds

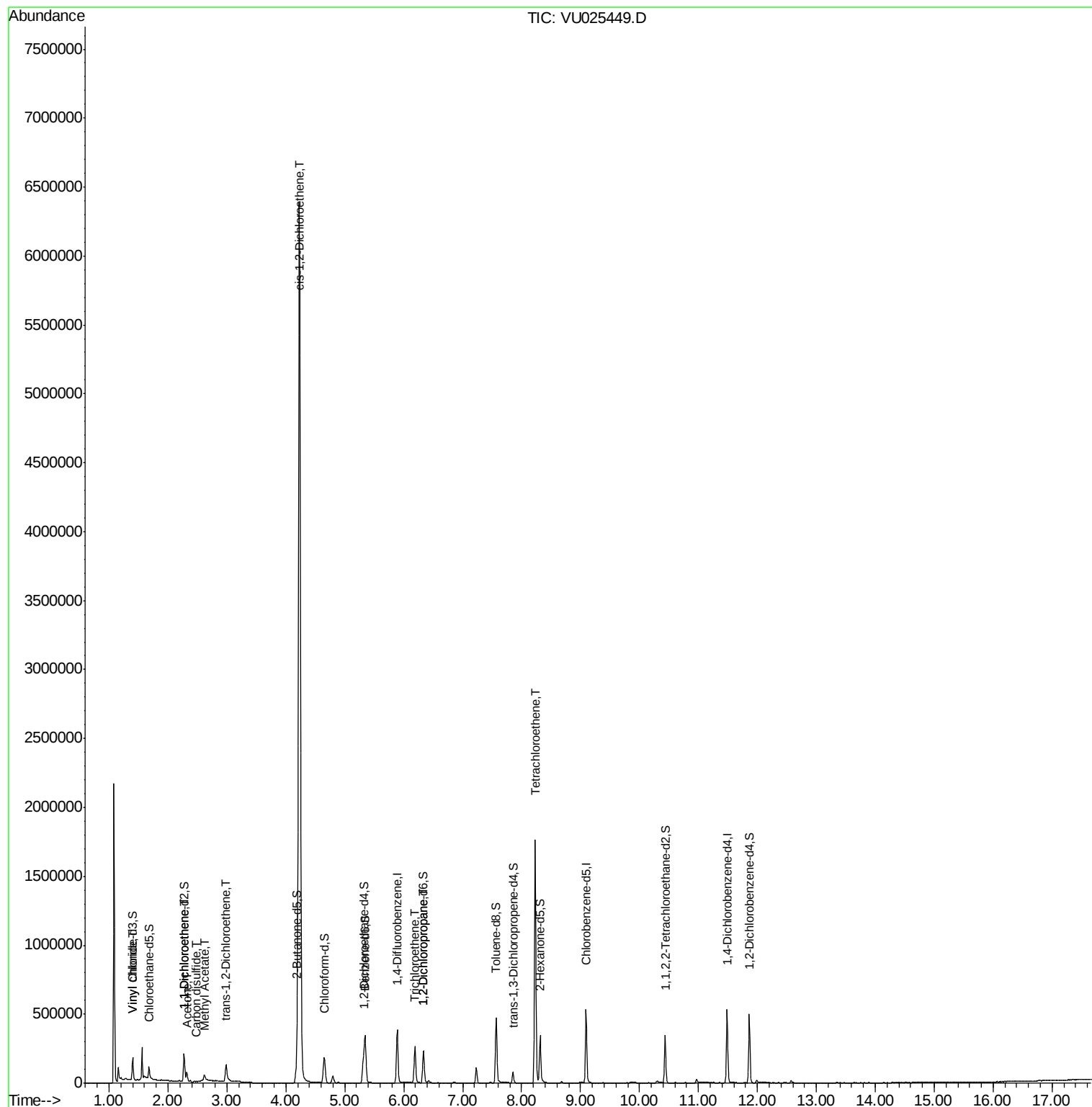
						Qvalue
5) Vinyl chloride	1.40	62	36168	14.718	ug/L	93
12) 1,1-Dichloroethene	2.28	96	8792	4.654	ug/L #	1
13) Acetone	2.32	43	70485	38.292	ug/L	99
14) Carbon disulfide	2.48	76	13516	2.276	ug/L #	94
15) Methyl Acetate	2.62	43	43927	16.053	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	62422	29.661	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	3674702	1487.995	ug/L	99
34) Trichloroethene	6.19	95	91489	39.879	ug/L	98
37) 1,2-Dichloropropane	6.33	63	12473	5.302	ug/L #	88
46) Tetrachloroethene	8.23	164	401503	211.179	ug/L	99

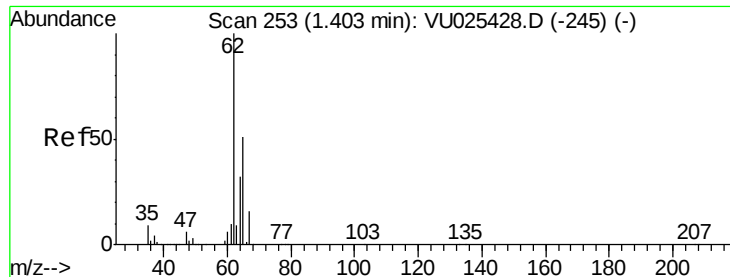
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 17 02:54:19 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 14.718 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025449.D

Acq: 17 Jul 2018 01:26

Instrument :

MSVOA_U

ClientSampleId :

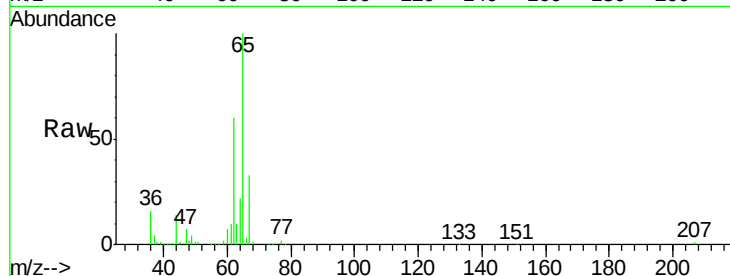
DB1A0

Tgt Ion: 62 Resp: 36168

Ion Ratio Lower Upper

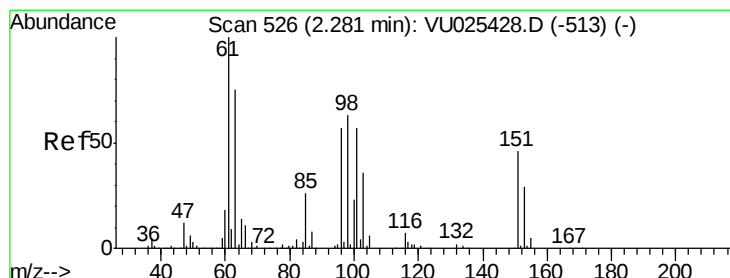
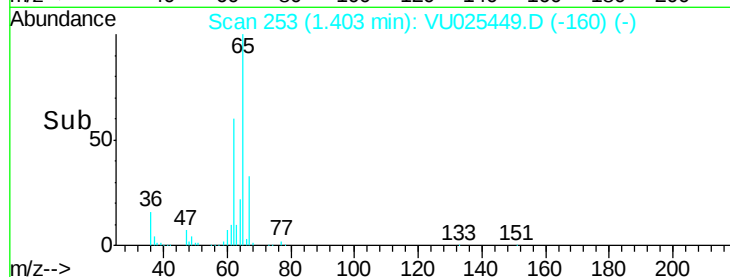
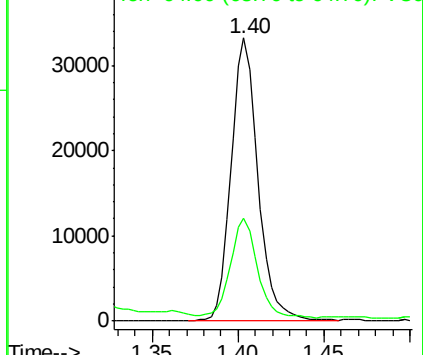
62 100

64 36.3 22.6 42.0



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 4.654 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025449.D

Acq: 17 Jul 2018 01:26

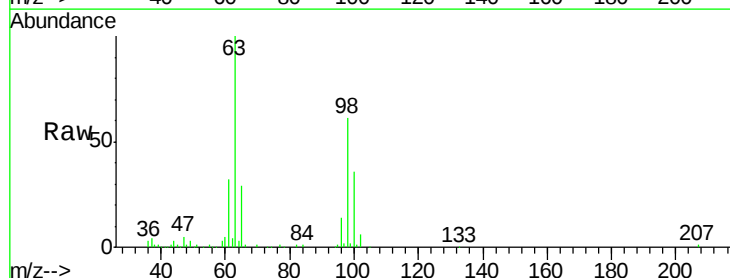
Tgt Ion: 96 Resp: 8792

Ion Ratio Lower Upper

96 100

61 236.2 125.9 233.9#

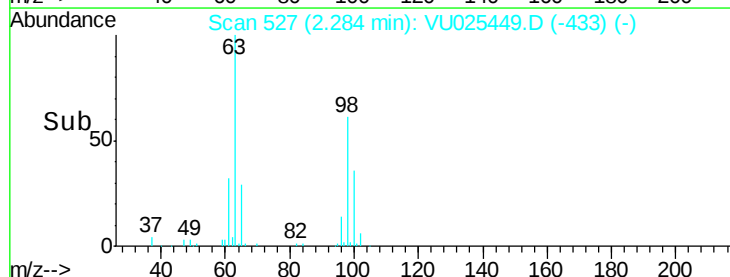
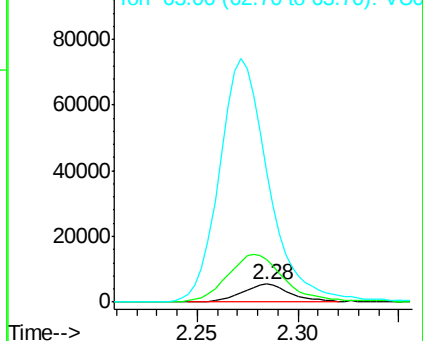
63 739.0 90.4 167.8#

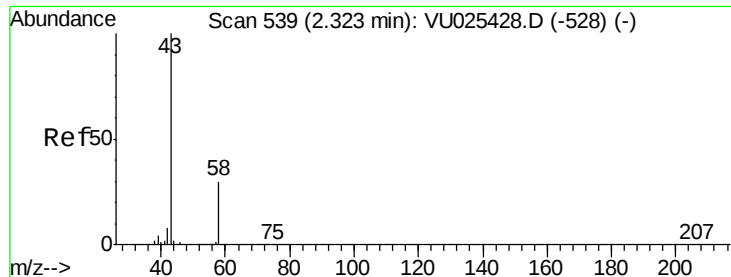


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 38.292 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU025449.D

Acq: 17 Jul 2018 01:26

Instrument :

MSVOA_U

ClientSampleId :

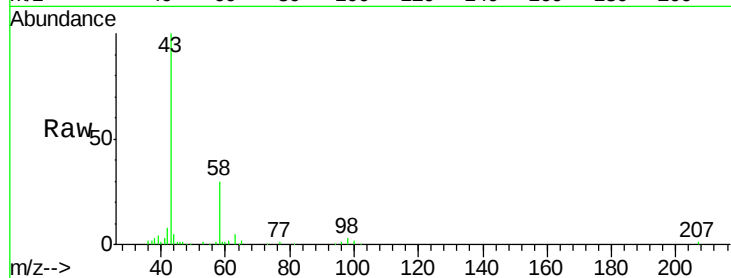
DB1A0

Tgt Ion: 43 Resp: 70485

Ion Ratio Lower Upper

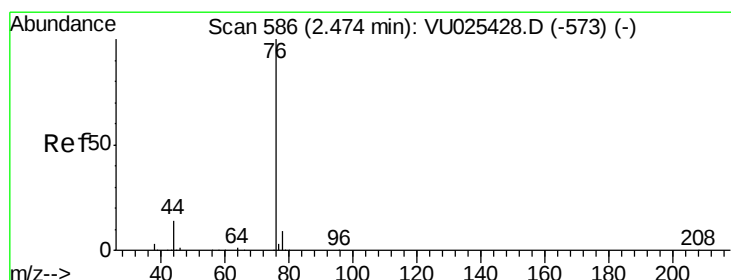
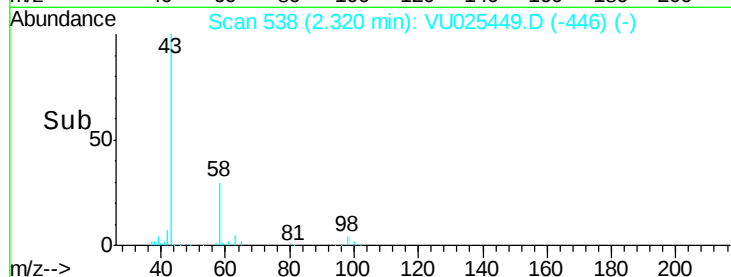
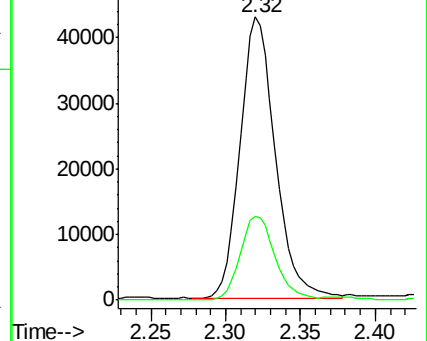
43 100

58 29.6 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 2.276 ug/L

RT: 2.48 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU025449.D

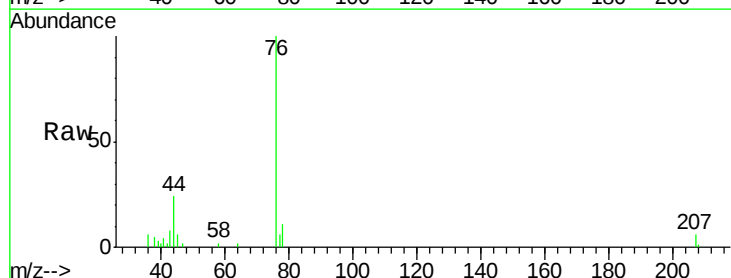
Acq: 17 Jul 2018 01:26

Tgt Ion: 76 Resp: 13516

Ion Ratio Lower Upper

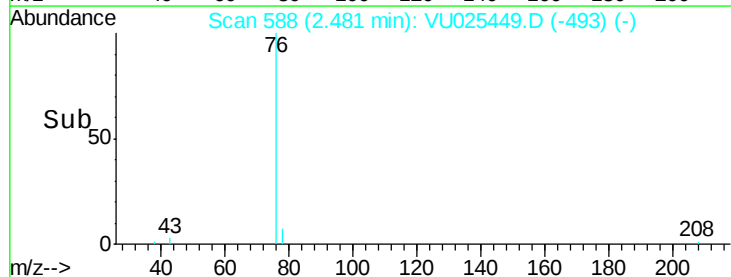
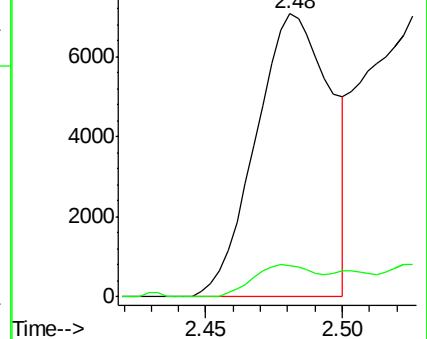
76 100

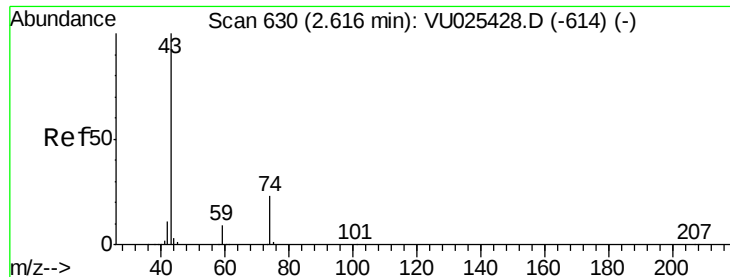
78 11.1 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

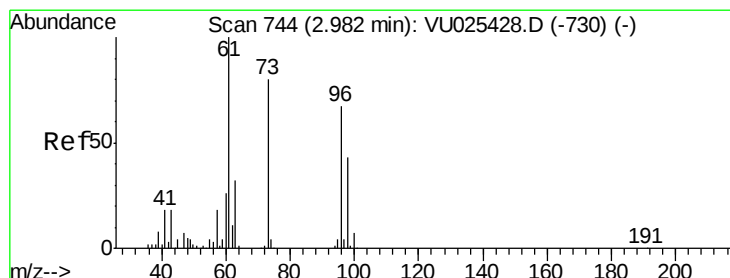
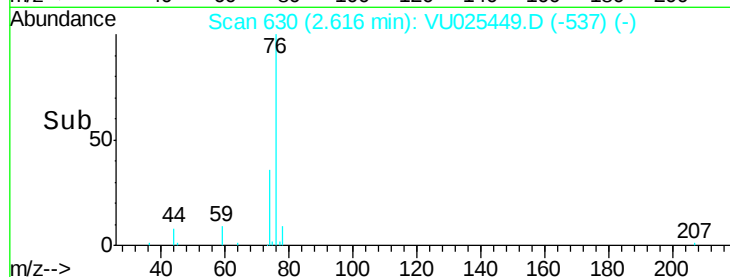
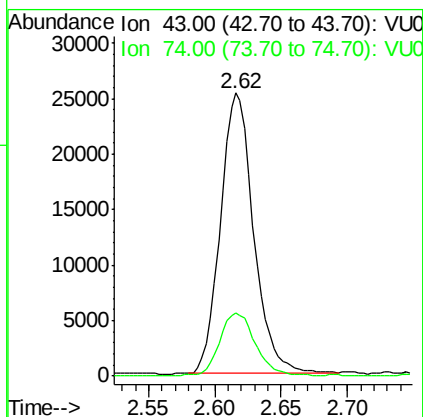
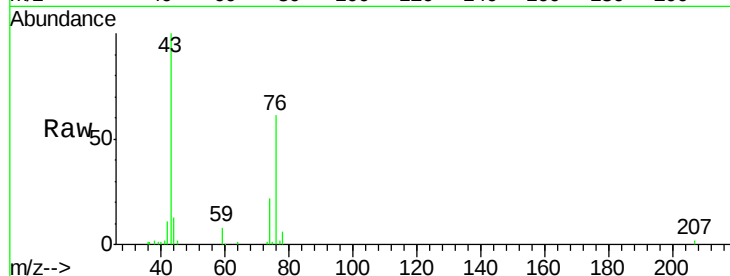




#15
Methyl Acetate
Concen: 16.053 ug/L
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU025449.D
Acq: 17 Jul 2018 01:26

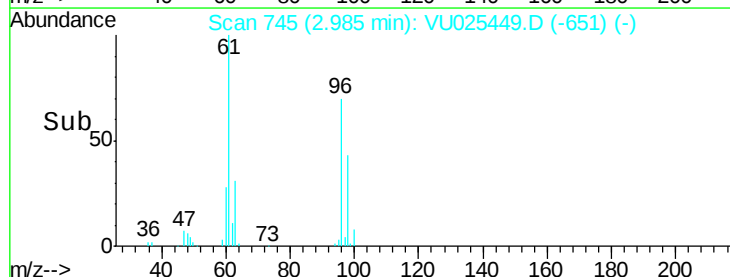
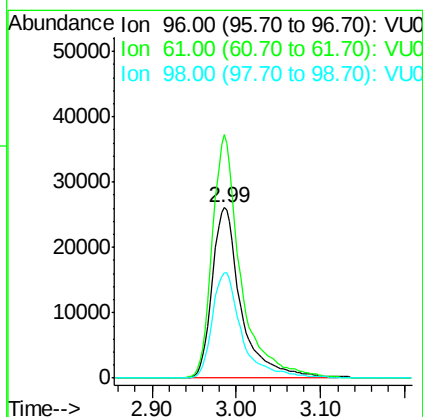
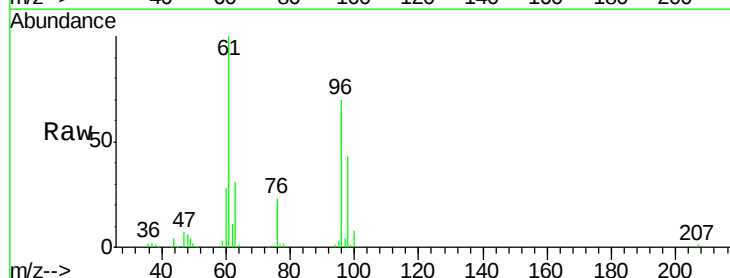
Instrument :
MSVOA_U
ClientSampleId :
DB1A0

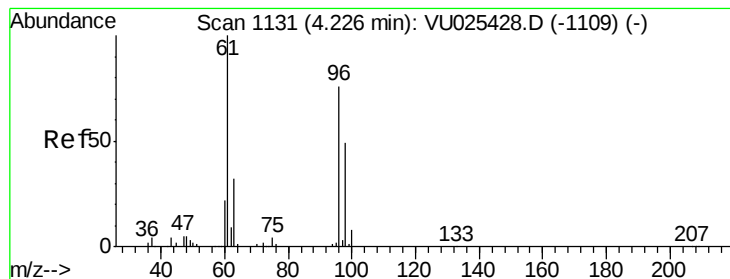
Tgt Ion: 43 Resp: 43927
Ion Ratio Lower Upper
43 100
74 24.2 18.8 28.2



#17
trans-1,2-Dichloroethene
Concen: 29.661 ug/L
RT: 2.99 min Scan# 745
Delta R.T. 0.00 min
Lab File: VU025449.D
Acq: 17 Jul 2018 01:26

Tgt Ion: 96 Resp: 62422
Ion Ratio Lower Upper
96 100
61 143.1 98.2 182.4
98 61.7 44.4 82.5



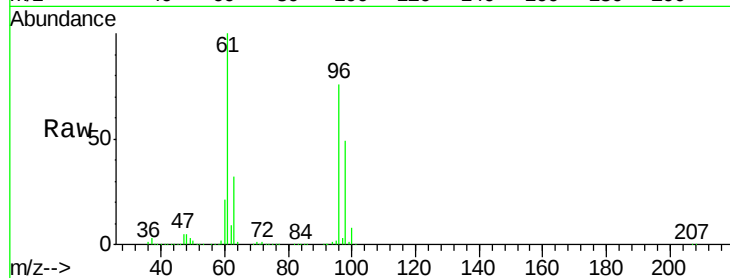


#20

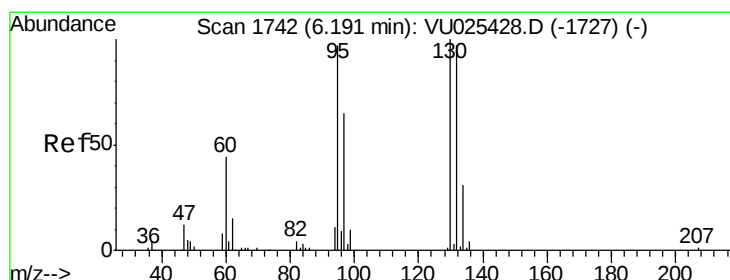
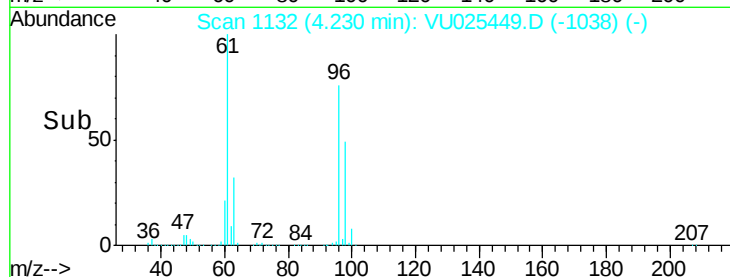
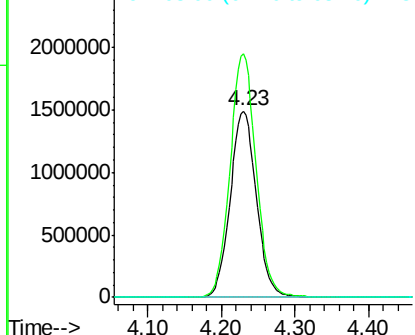
cis-1,2-Dichloroethene
 Concen: 1487.995 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025449.D
 Acq: 17 Jul 2018 01:26

Instrument :
 MSVOA_U
 ClientSampled :
 DB1A0

Tgt Ion: 96 Resp: 3674702
 Ion Ratio Lower Upper
 96 100
 61 130.9 92.0 170.9
 68 0.0 0.0 0.0



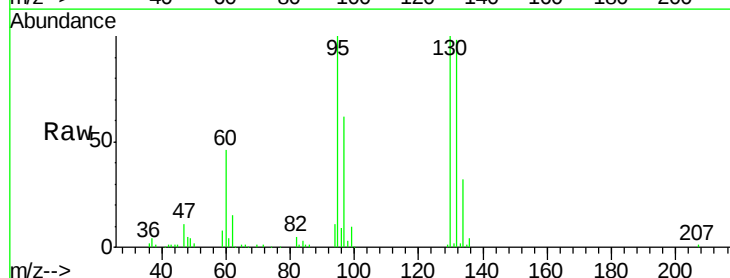
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



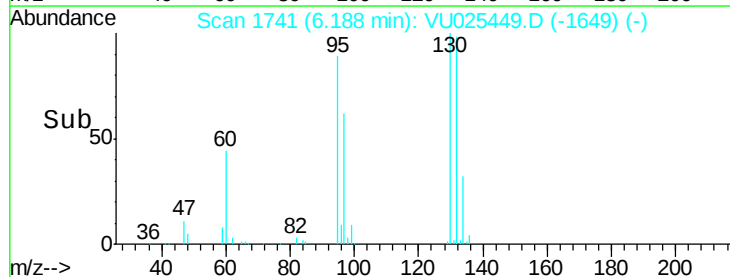
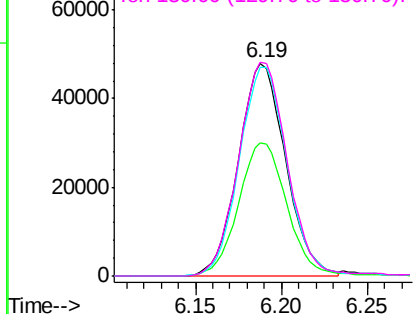
#34

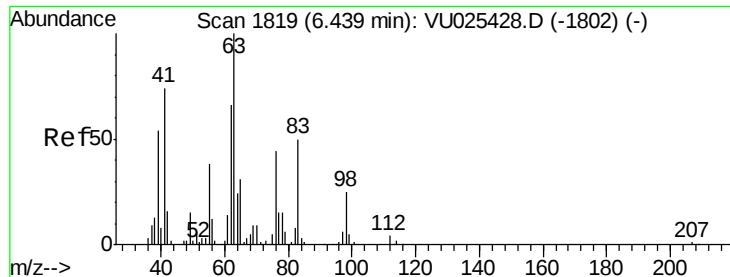
Trichloroethene
 Concen: 39.879 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU025449.D
 Acq: 17 Jul 2018 01:26

Tgt Ion: 95 Resp: 91489
 Ion Ratio Lower Upper
 95 100
 97 62.5 44.3 82.3
 132 98.0 69.6 129.2
 130 100.5 72.4 134.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

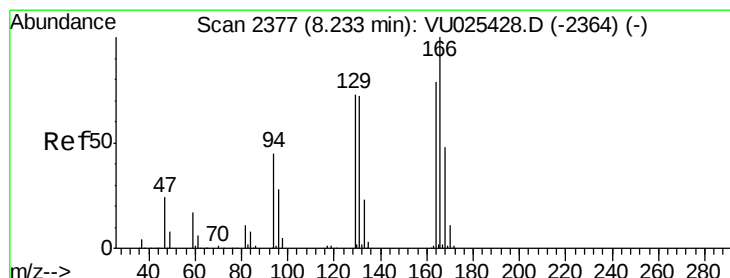
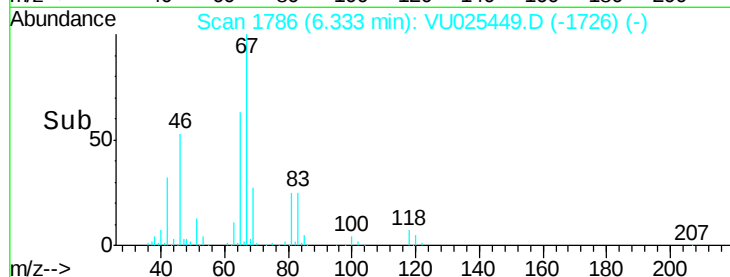
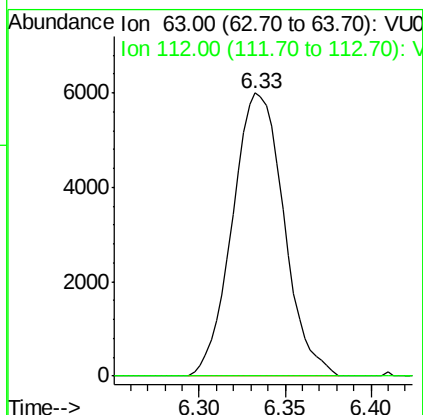
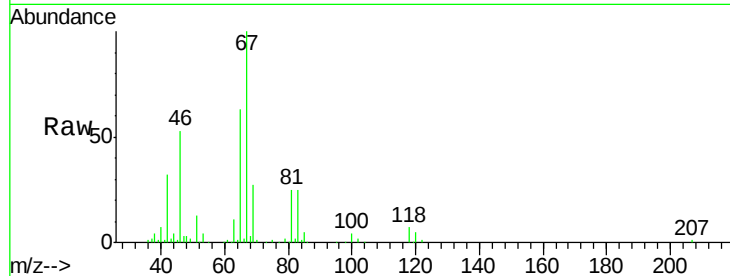




#37
 1,2-Dichloropropane
 Concen: 5.302 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.11 min
 Lab File: VU025449.D
 Acq: 17 Jul 2018 01:26

Instrument :
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 DB1A0

Tgt Ion: 63 Resp: 12473
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#46
 Tetrachloroethene
 Concen: 211.179 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU025449.D
 Acq: 17 Jul 2018 01:26

Tgt Ion: 164 Resp: 401503
 Ion Ratio Lower Upper
 164 100
 129 93.6 64.7 120.1
 131 89.8 63.1 117.3
 166 126.8 89.7 166.5

