

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082218\
 Data File : VU026252.D
 Acq On : 22 Aug 2018 17:12
 Operator : MD/SY
 Sample : J4598-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ6

Quant Time: Aug 23 07:28:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:27:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	229174	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	104585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82844	59.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.54%
7) Chloroethane-d5	1.68	69	71101	62.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.76%
11) 1,1-Dichloroethene-d2	2.27	63	130519	47.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.02%
21) 2-Butanone-d5	4.18	46	151430	135.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.74%#
24) Chloroform-d	4.65	84	196743	63.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.30%#
26) 1,2-Dichloroethane-d4	5.31	65	130717	64.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.94%#
32) Benzene-d6	5.35	84	377981	63.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.82%#
36) 1,2-Dichloropropane-d6	6.33	67	125576	66.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	132.26%#
41) Toluene-d8	7.57	98	345197	61.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.14%#
43) trans-1,3-Dichloropropene-	7.85	79	60061	61.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.44%
47) 2-Hexanone-d5	8.31	63	106692	131.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.46%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174706	62.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.32%#
64) 1,2-Dichlorobenzene-d4	11.86	152	150324	67.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	135.48%#

Target Compounds

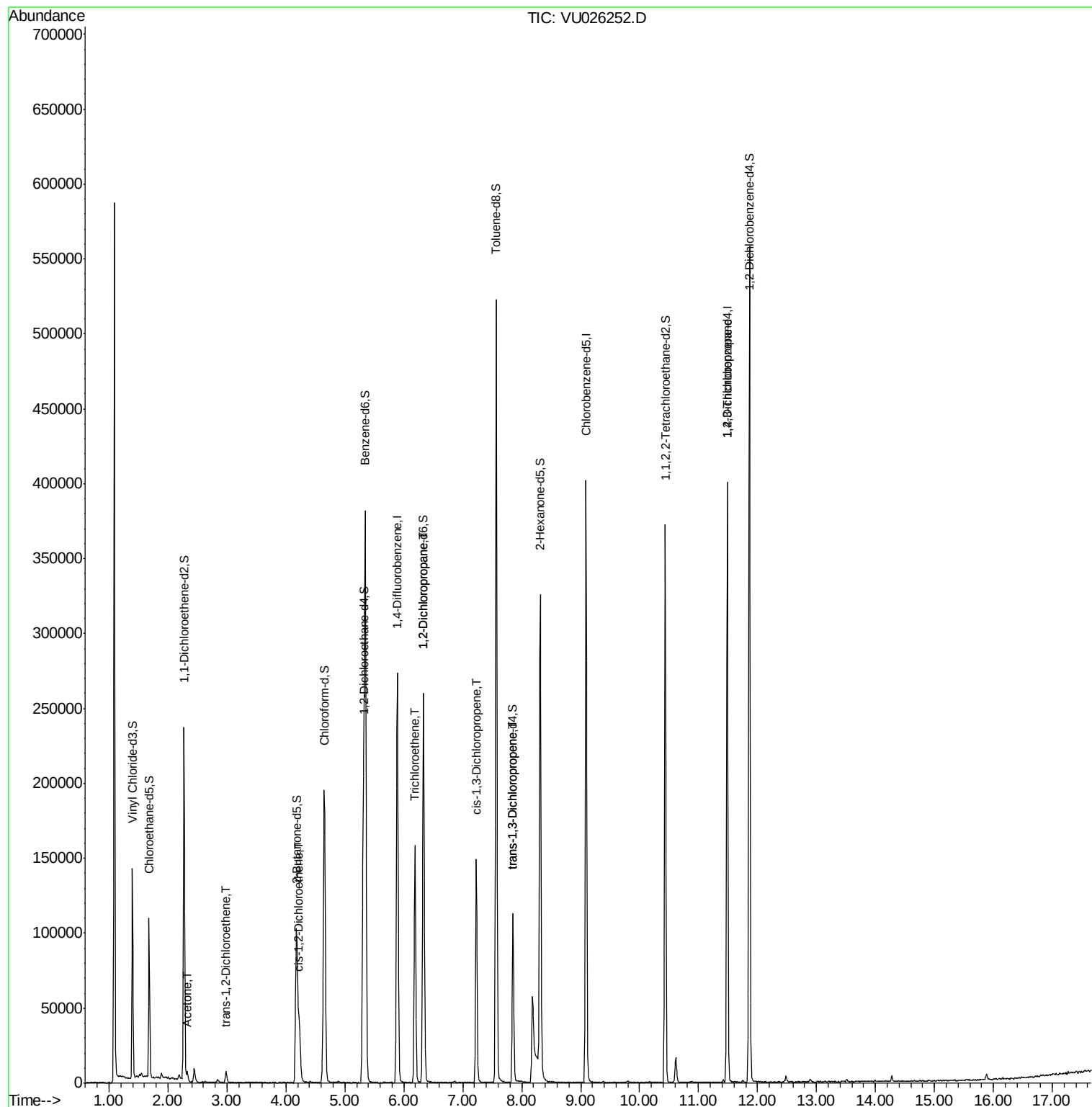
					Qvalue
13) Acetone	2.32	43	4854	5.622 ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	3467	2.332 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	17426	10.619 ug/L	97
34) Trichloroethene	6.19	95	53721	33.709 ug/L	97
37) 1,2-Dichloropropane	6.33	63	13803	8.380 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	4009	1.602 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	3173	1.318 ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	12347	6.013 ug/L	89

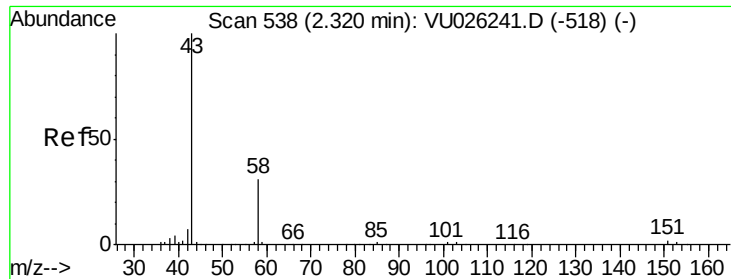
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.622 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026252.D

Acq: 22 Aug 2018 17:12

Instrument :

MSVOA_U

ClientSampleId :

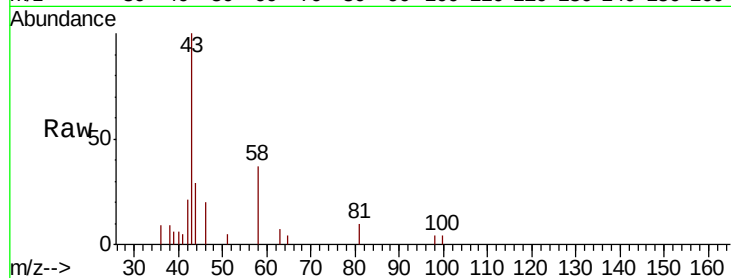
ETBJ6

Tgt Ion: 43 Resp: 4854

Ion Ratio Lower Upper

43 100

58 31.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

3000

2000

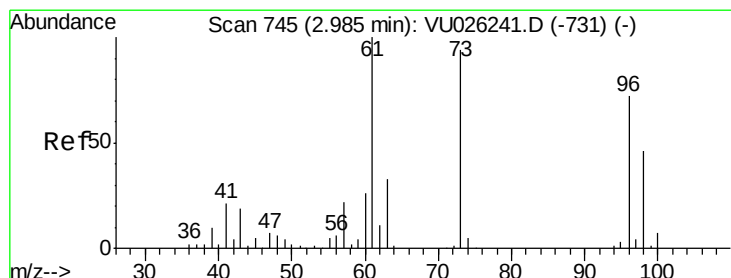
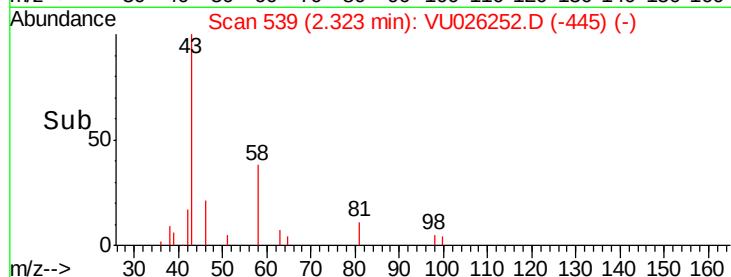
1000

0

Time-->

2.30

2.35



#17

trans-1,2-Dichloroethene

Concen: 2.332 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026252.D

Acq: 22 Aug 2018 17:12

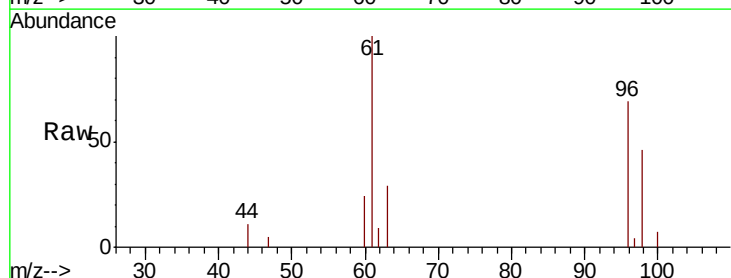
Tgt Ion: 96 Resp: 3467

Ion Ratio Lower Upper

96 100

61 144.3 97.9 181.9

98 65.8 45.1 83.7



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

3000

2000

1000

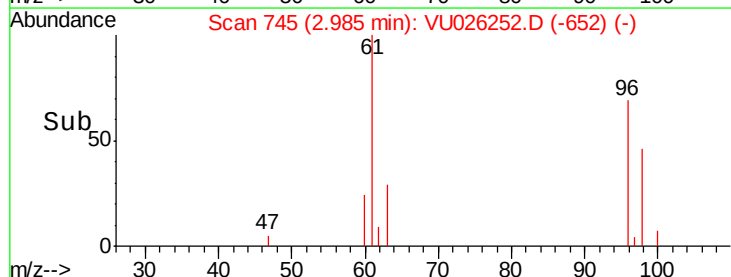
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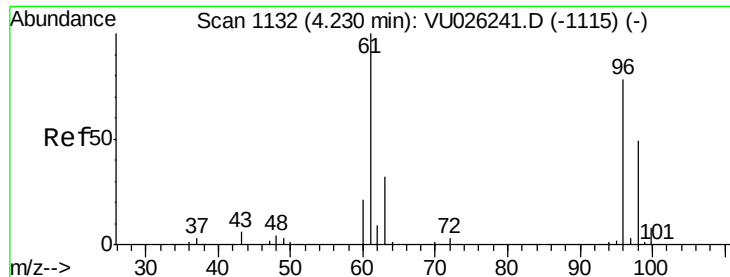
Time-->

2.95

3.00

3.05

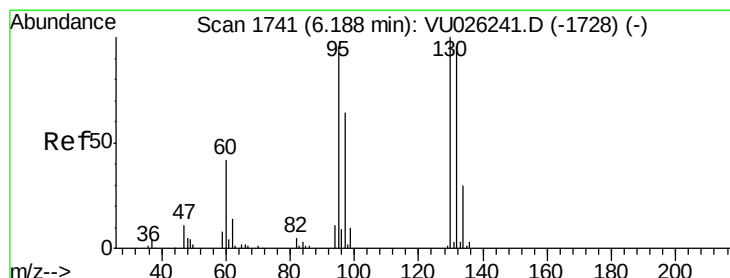
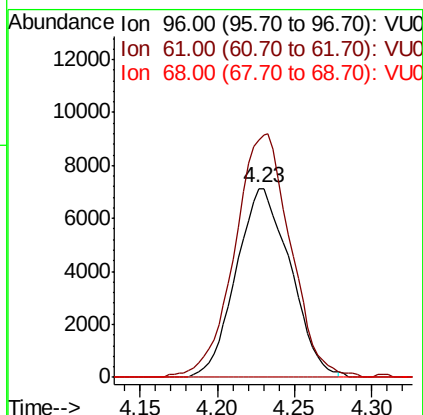
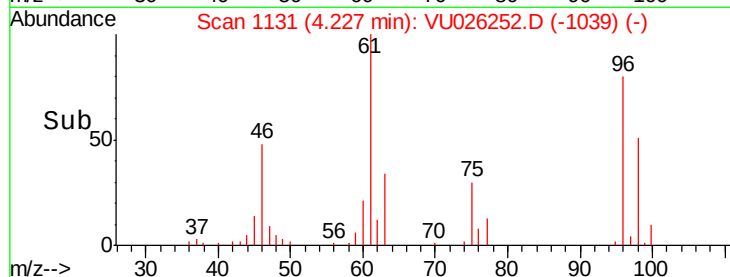
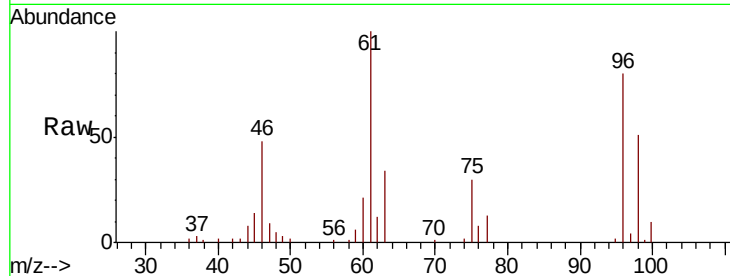




#20
 cis-1,2-Dichloroethene
 Concen: 10.619 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026252.D
 Acq: 22 Aug 2018 17:12

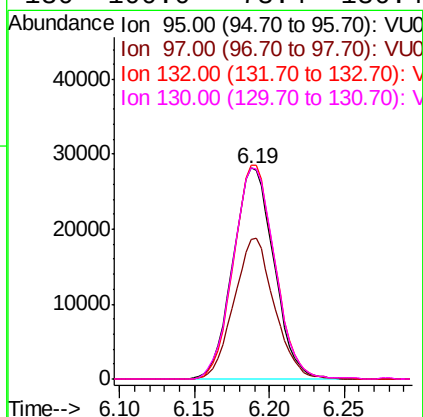
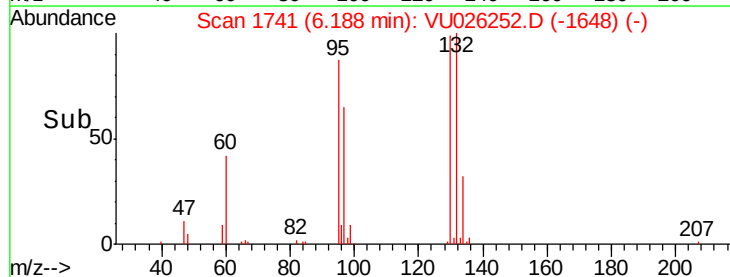
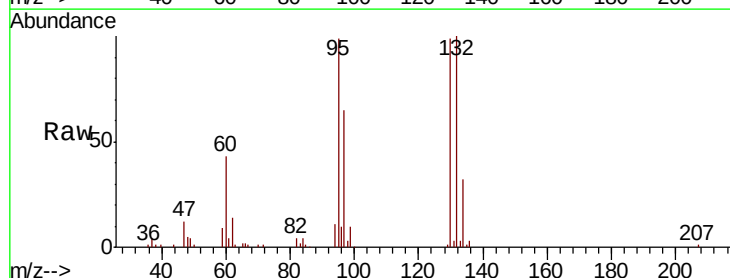
Instrument :
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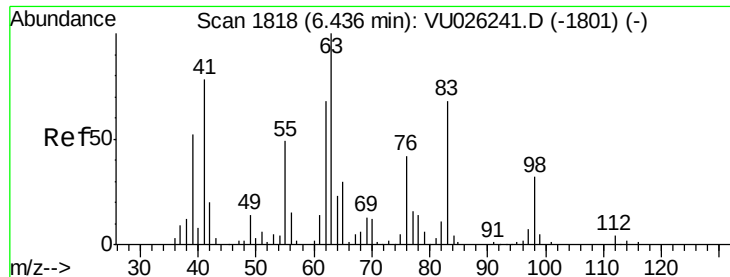
Tgt Ion: 96 Resp: 17426
 Ion Ratio Lower Upper
 96 100
 61 125.5 90.3 167.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 33.709 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026252.D
 Acq: 22 Aug 2018 17:12

Tgt Ion: 95 Resp: 53721
 Ion Ratio Lower Upper
 95 100
 97 66.0 47.2 87.6
 132 101.4 70.2 130.4
 130 100.0 73.4 136.4

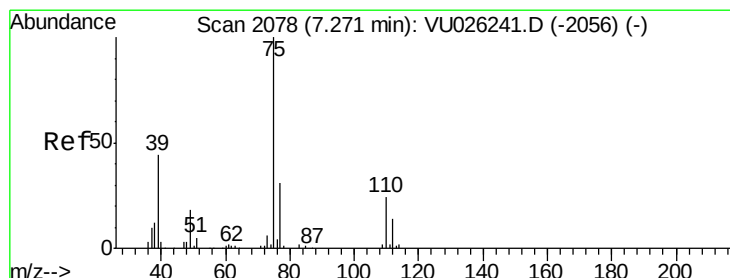
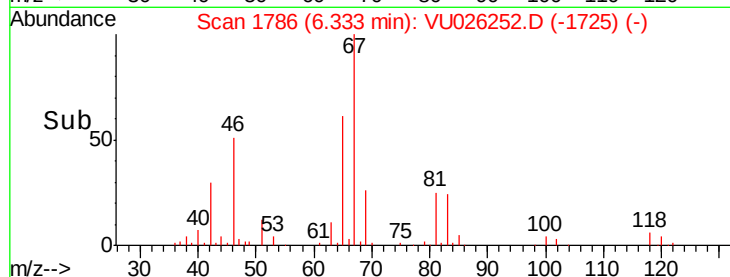
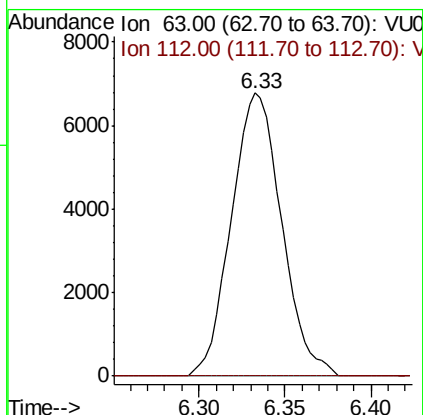
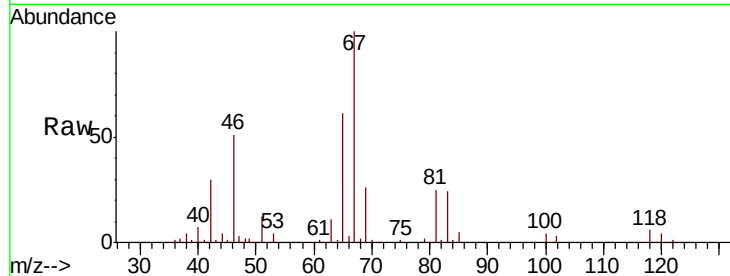




#37
 1,2-Dichloropropane
 Concen: 8.380 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026252.D
 Acq: 22 Aug 2018 17:12

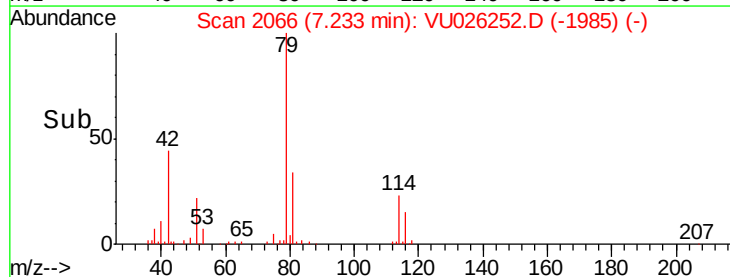
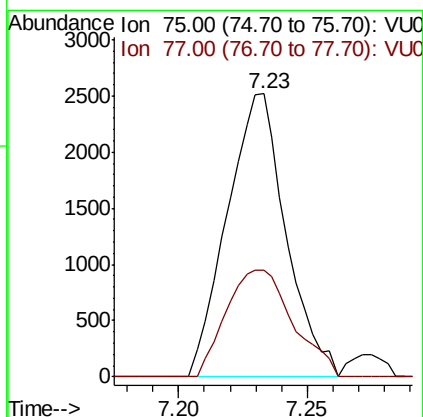
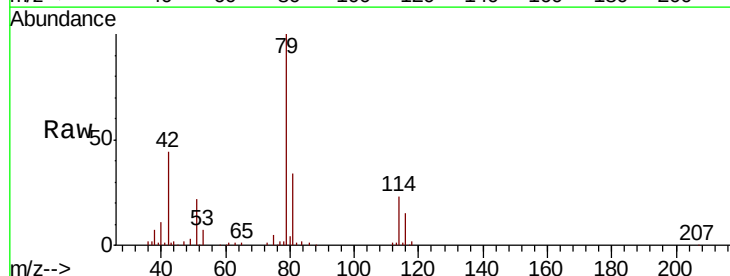
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBJ6

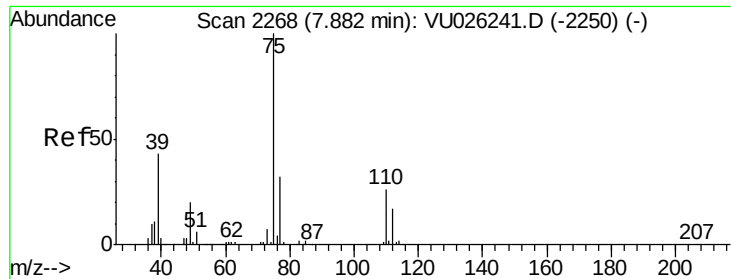
Tgt Ion: 63 Resp: 13803
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.602 ug/L
 RT: 7.23 min Scan# 2066
 Delta R.T. -0.04 min
 Lab File: VU026252.D
 Acq: 22 Aug 2018 17:12

Tgt Ion: 75 Resp: 4009
 Ion Ratio Lower Upper
 75 100
 77 37.6 22.0 40.8





#44

trans-1,3-Dichloropropene

Concen: 1.318 ug/L

RT: 7.85 min Scan# 2258

Delta R.T. -0.03 min

Lab File: VU026252.D

Acq: 22 Aug 2018 17:12

Instrument :

MSVOA_U

ClientSampleId :

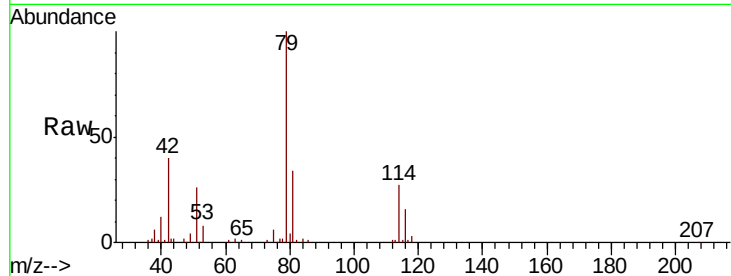
ETBJ6

Tgt Ion: 75 Resp: 3173

Ion Ratio Lower Upper

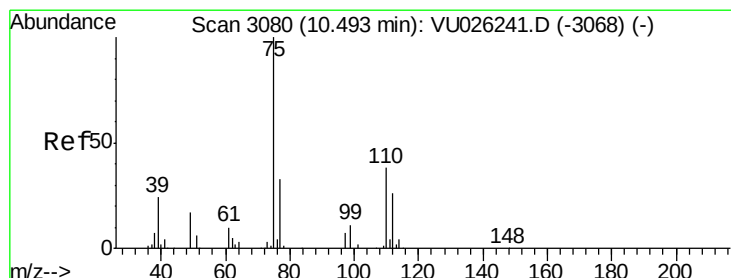
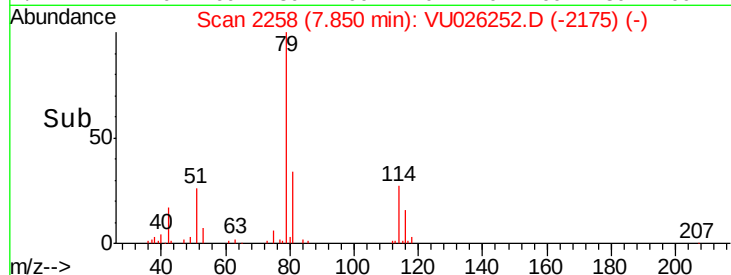
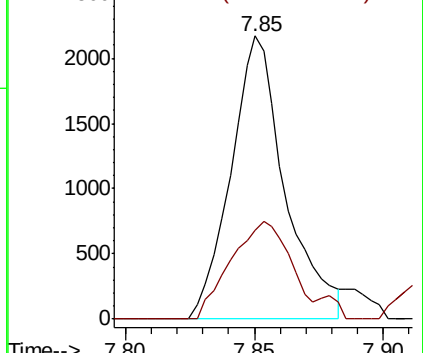
75 100

77 31.5 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 6.013 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026252.D

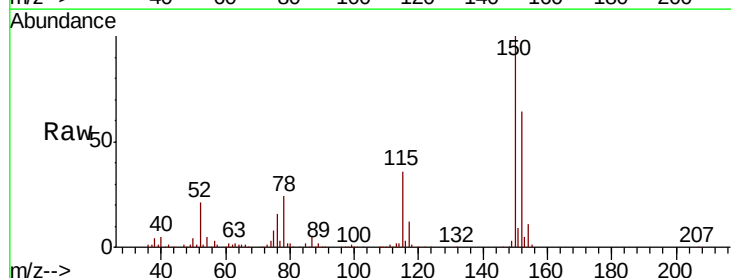
Acq: 22 Aug 2018 17:12

Tgt Ion: 75 Resp: 12347

Ion Ratio Lower Upper

75 100

77 37.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

