

Data File : VU025395.D
Acq On : 13 Jul 2018 16:13
Operator : MD/SY
Sample : J3984-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB173

Quant Time: Jul 13 16:52:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 13 14:43:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309539	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132462	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82489	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.68	69	69708	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.36%
11) 1,1-Dichloroethene-d2	2.27	63	126817	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.84%
21) 2-Butanone-d5	4.18	46	166031	107.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.35%
24) Chloroform-d	4.65	84	176965	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.31	65	126656	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
32) Benzene-d6	5.34	84	347737	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
36) 1,2-Dichloropropane-d6	6.33	67	111972	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.02%
41) Toluene-d8	7.57	98	332171	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%
43) trans-1,3-Dichloropropene-	7.85	79	50817	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.31	63	126063	112.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161481	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	134820	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

Target Compounds

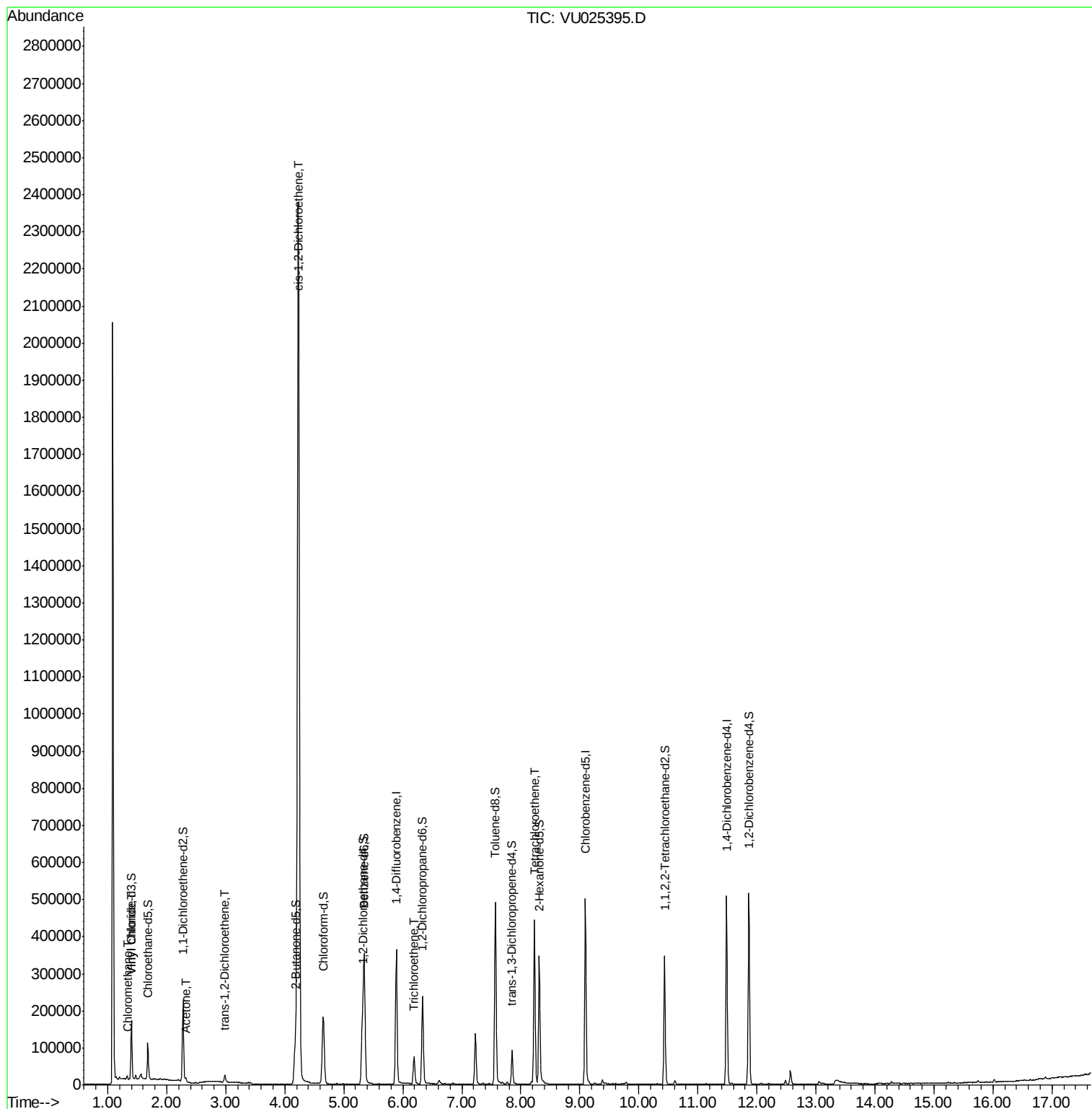
					Qvalue
3) Chloromethane	1.33	50	6759	2.913 ug/L	98
5) Vinyl chloride	1.40	62	28019	11.671 ug/L	92
13) Acetone	2.32	43	11700	7.360 ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	7673	3.733 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	1330818	560.551 ug/L	98
34) Trichloroethene	6.19	95	26005	11.449 ug/L	95
46) Tetrachloroethene	8.23	164	99482	51.740 ug/L	100

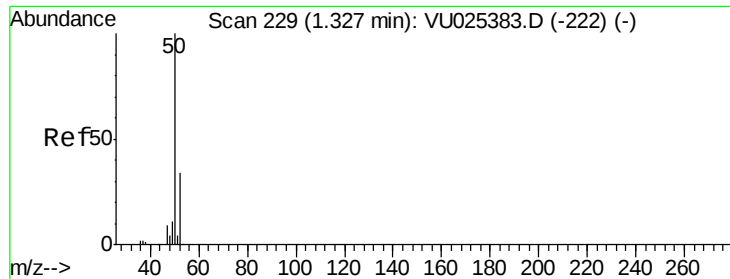
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.913 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025395.D

Acq: 13 Jul 2018 16:13

Instrument :

MSVOA_U

ClientSampled :

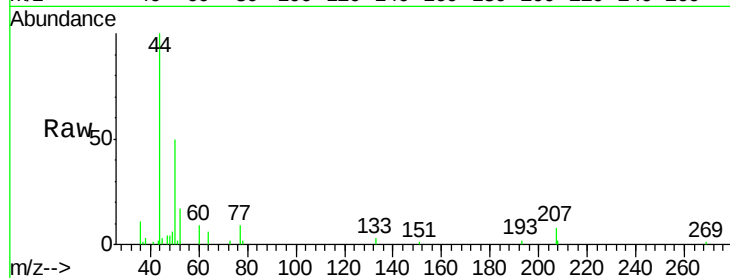
DB173

Tgt Ion: 50 Resp: 6759

Ion Ratio Lower Upper

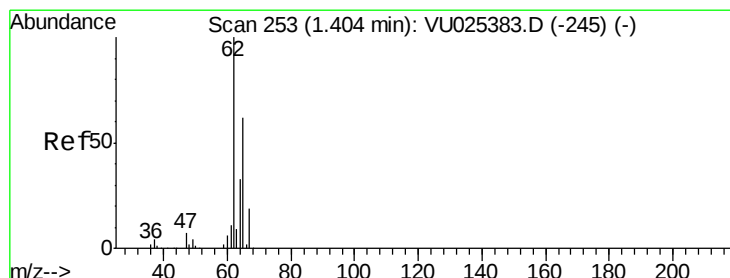
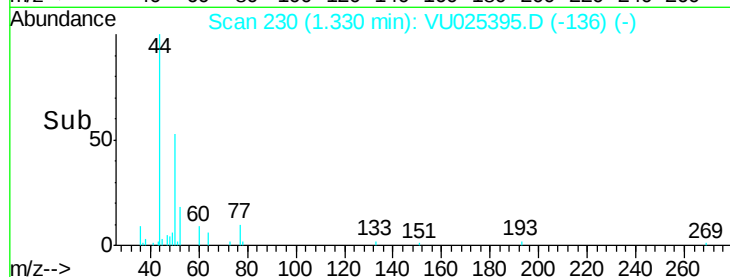
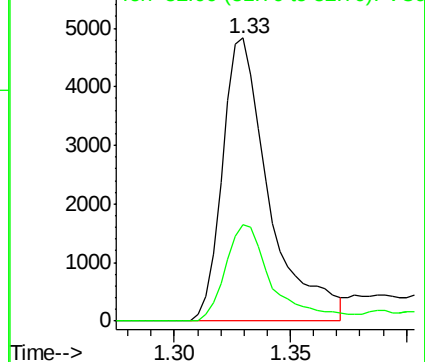
50 100

52 34.3 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#5

Vinyl chloride

Concen: 11.671 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

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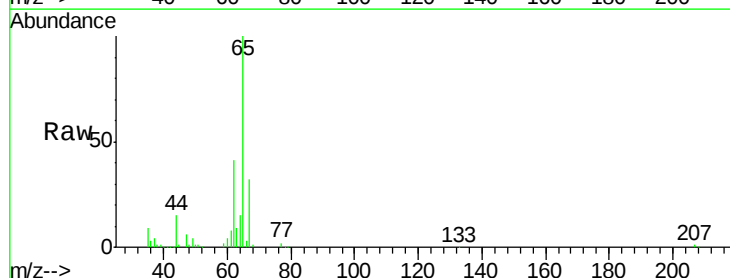
Acq: 13 Jul 2018 16:13

Tgt Ion: 62 Resp: 28019

Ion Ratio Lower Upper

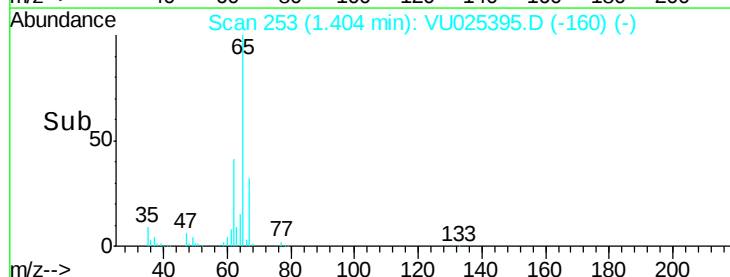
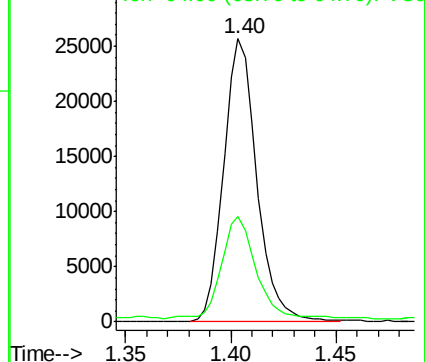
62 100

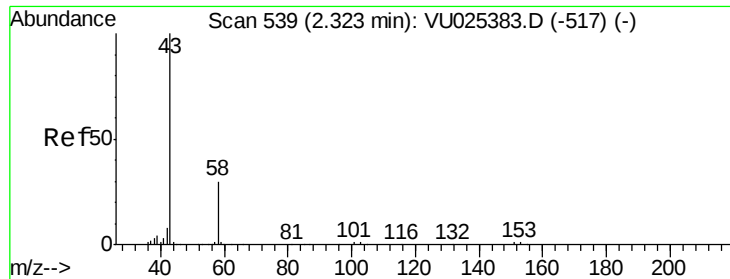
64 37.3 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#13

Acetone

Concen: 7.360 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025395.D

Acq: 13 Jul 2018 16:13

Instrument :

MSVOA_U

ClientSampleId :

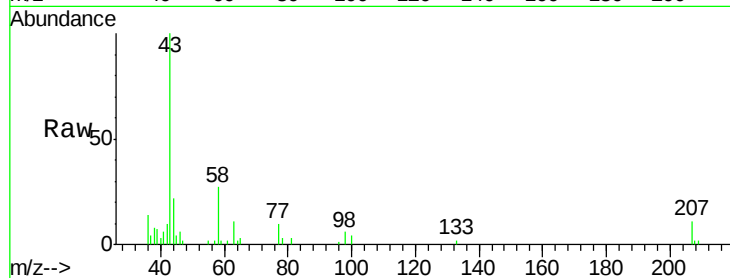
DB173

Tgt Ion: 43 Resp: 11700

Ion Ratio Lower Upper

43 100

58 32.5 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU025383.D (-517) (-)

Ion 58.00 (57.70 to 58.70): VU025383.D (-517) (-)

2.32

8000

6000

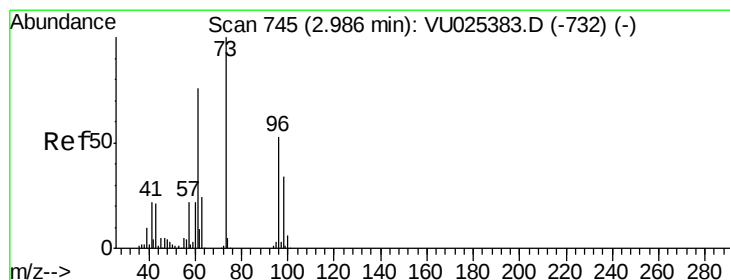
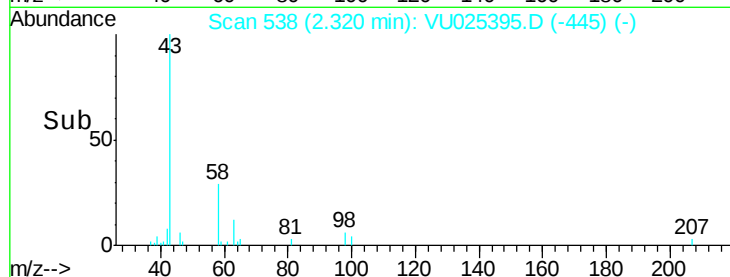
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#17

trans-1,2-Dichloroethene

Concen: 3.733 ug/L

RT: 2.98 min Scan# 744

Delta R.T. -0.00 min

Lab File: VU025395.D

Acq: 13 Jul 2018 16:13

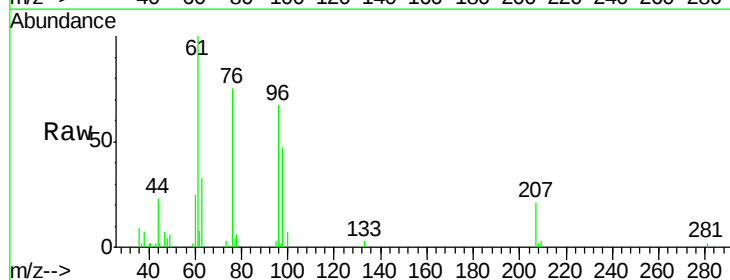
Tgt Ion: 96 Resp: 7673

Ion Ratio Lower Upper

96 100

61 149.4 102.7 190.7

98 70.9 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VU025383.D (-732) (-)

Ion 61.00 (60.70 to 61.70): VU025383.D (-732) (-)

Ion 98.00 (97.70 to 98.70): VU025383.D (-732) (-)

2.98

6000

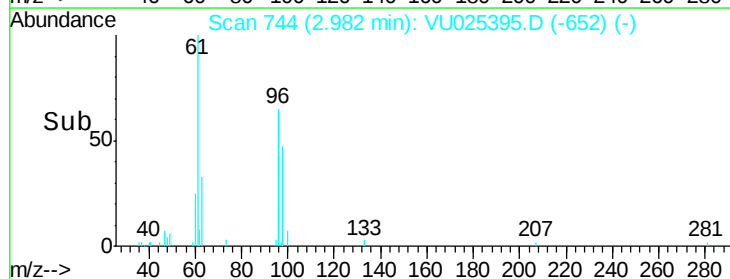
4000

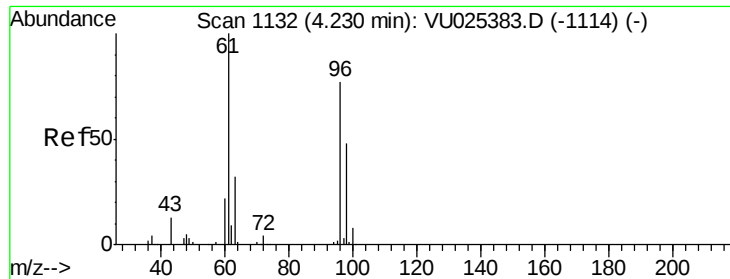
2000

0

Time-->

2.90 2.95 3.00 3.05

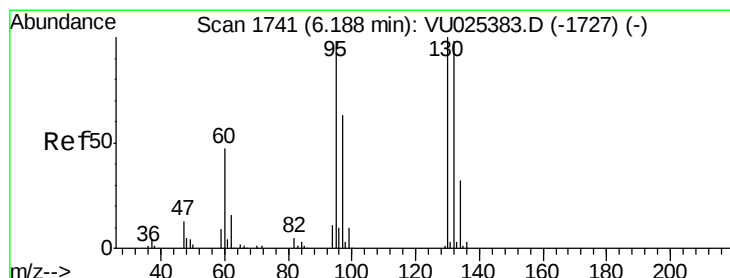
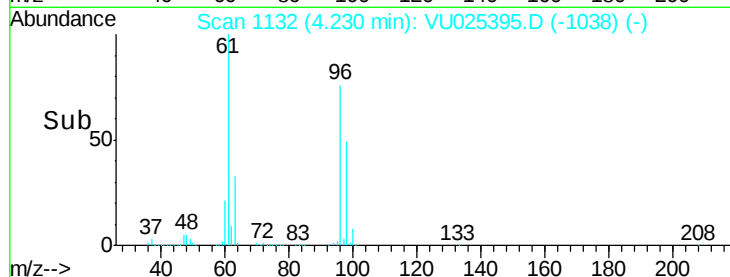
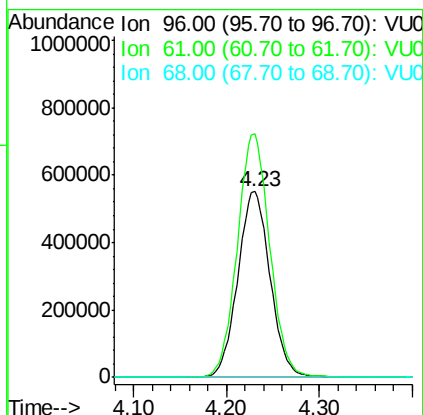
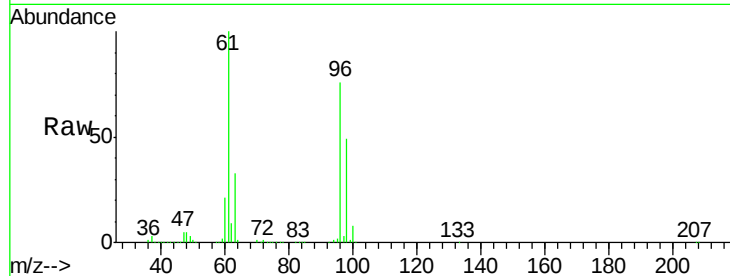




#20
 cis-1,2-Dichloroethene
 Concen: 560.551 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025395.D
 Acq: 13 Jul 2018 16:13

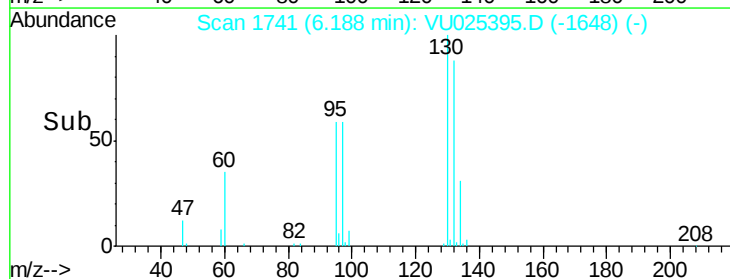
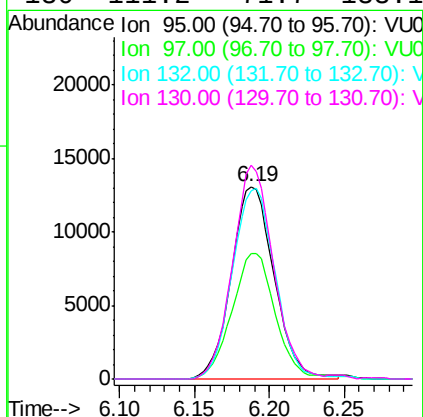
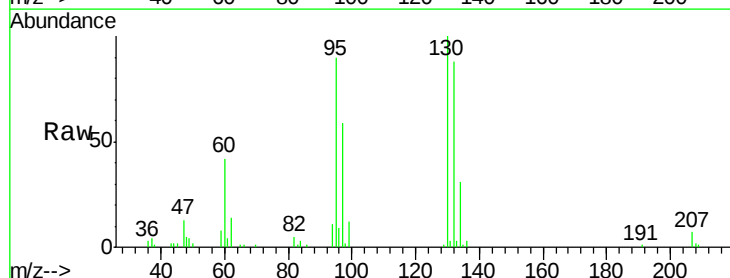
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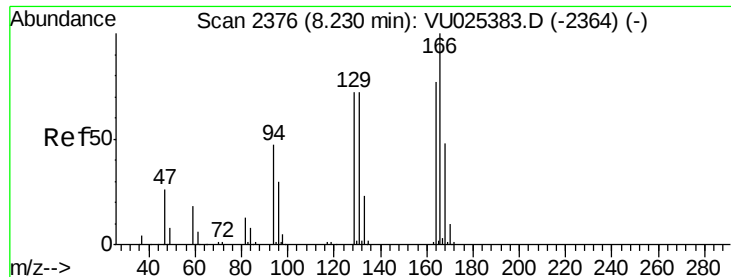
Tgt Ion: 96 Resp: 1330818
 Ion Ratio Lower Upper
 96 100
 61 131.1 93.4 173.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 11.449 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU025395.D
 Acq: 13 Jul 2018 16:13

Tgt Ion: 95 Resp: 26005
 Ion Ratio Lower Upper
 95 100
 97 65.0 44.1 81.9
 132 98.1 70.2 130.4
 130 111.2 71.7 133.1





#46

Tetrachloroethene

Concen: 51.740 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025395.D

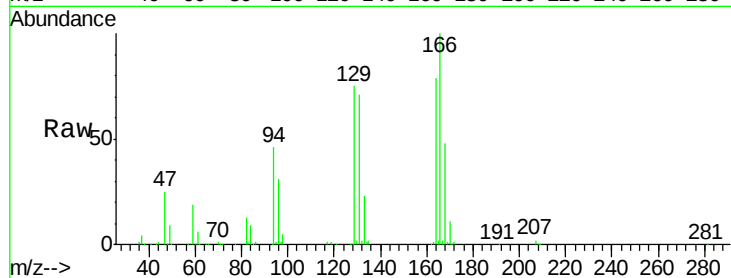
Acq: 13 Jul 2018 16:13

Instrument :

MSVOA_U

ClientSampleId :

DB173



Tgt Ion:164 Resp: 99482

Ion Ratio Lower Upper

164 100

129 94.3 66.1 122.8

131 89.5 62.7 116.5

166 126.6 88.8 165.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

