

Data File : VU026519.D
Acq On : 04 Sep 2018 12:48
Operator : MD/SY
Sample : J4694-04 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE22DL

Quant Time: Sep 05 01:11:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:11:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156241	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37003	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.68	69	36885	42.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.38%
11) 1,1-Dichloroethene-d2	2.27	63	58003	26.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.22%#
21) 2-Butanone-d5	4.18	46	77099	102.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	4.65	84	82204	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
26) 1,2-Dichloroethane-d4	5.31	65	56099	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
32) Benzene-d6	5.34	84	157526	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.33	67	57364	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.02%
41) Toluene-d8	7.57	98	138294	42.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.94%
43) trans-1,3-Dichloropropene-	7.85	79	4560	8.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	17.24%#
47) 2-Hexanone-d5	8.31	63	54805	103.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83105	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	57821	51.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.72%

Target Compounds

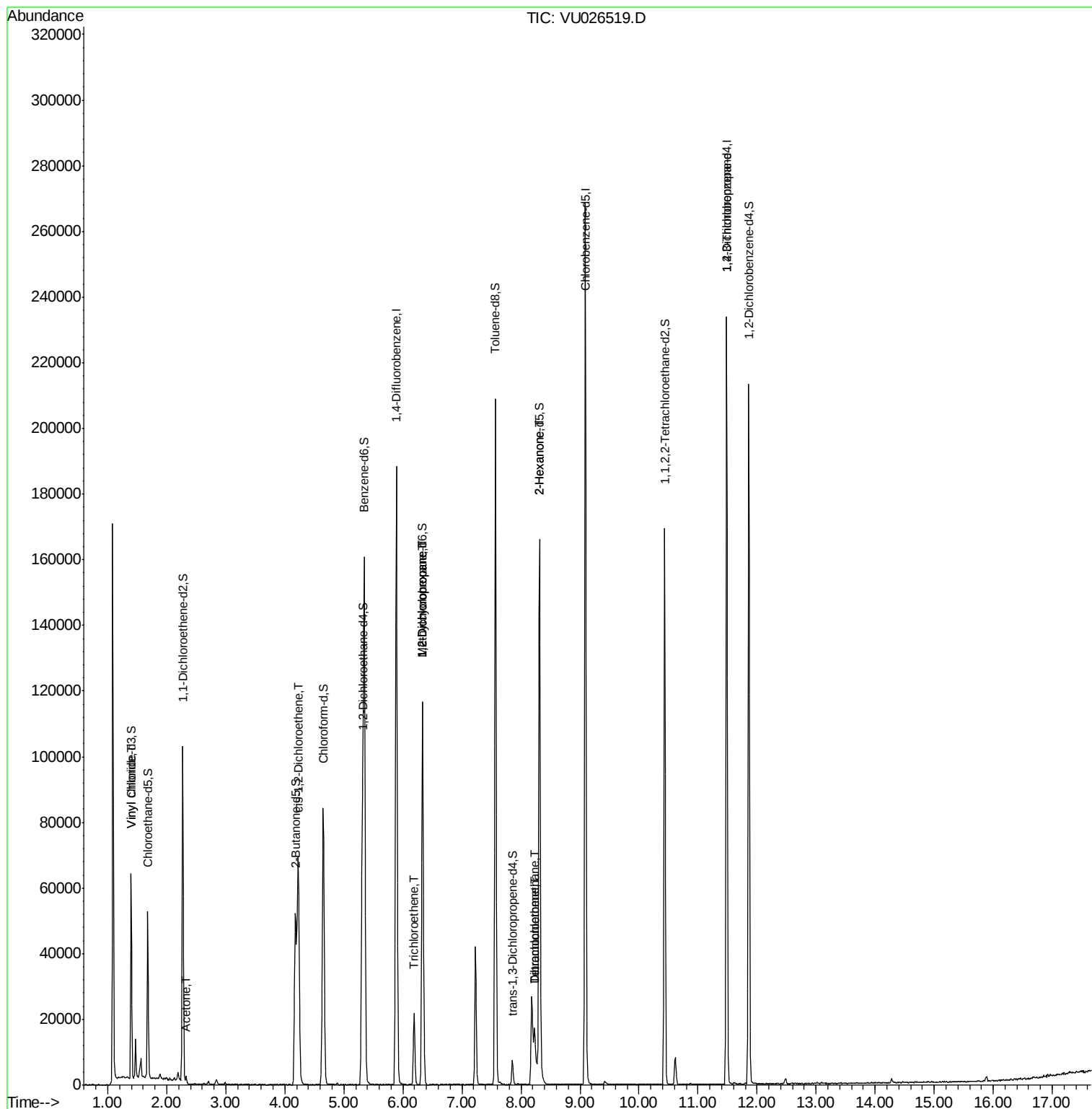
					Qvalue	
5) Vinyl chloride	1.40	62	3855	2.364	ug/L #	63
13) Acetone	2.32	43	1960	3.013	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	35845	31.720	ug/L	99
34) Trichloroethene	6.19	95	7747	7.362	ug/L	95
35) Methylcyclohexane	6.33	83	12492	7.602	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6135	5.282	ug/L #	88
46) Tetrachloroethene	8.23	164	2480	2.882	ug/L	93
48) 2-Hexanone	8.31	43	6608	5.356	ug/L #	66
49) Dibromochloromethane	8.23	129	2194	1.830	ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	7234	4.992	ug/L #	88

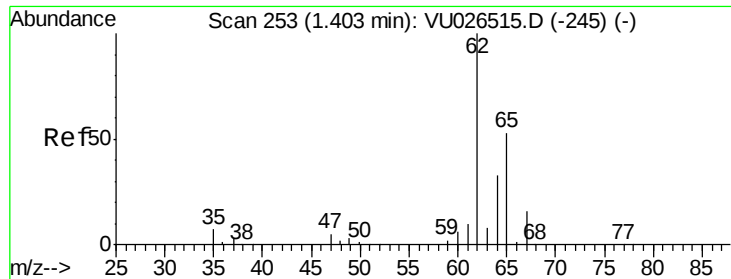
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.364 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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Acq: 04 Sep 2018 12:48

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MSVOA_U

ClientSampleId :

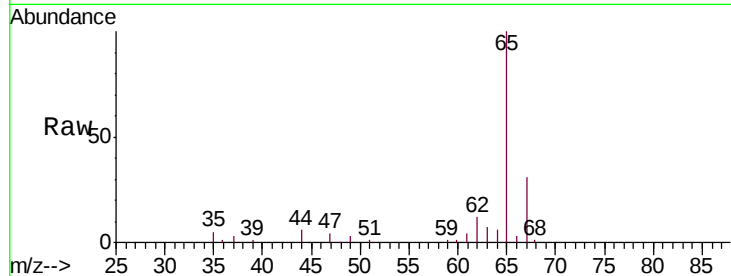
BEE22DL

Tgt Ion: 62 Resp: 3855

Ion Ratio Lower Upper

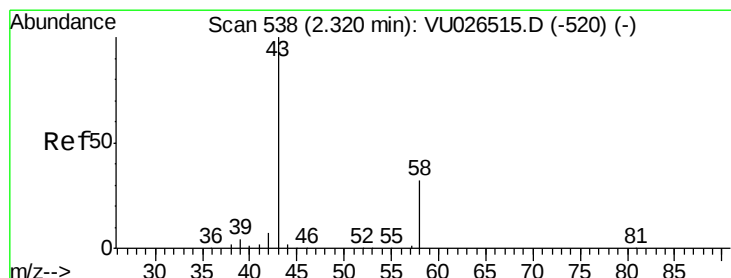
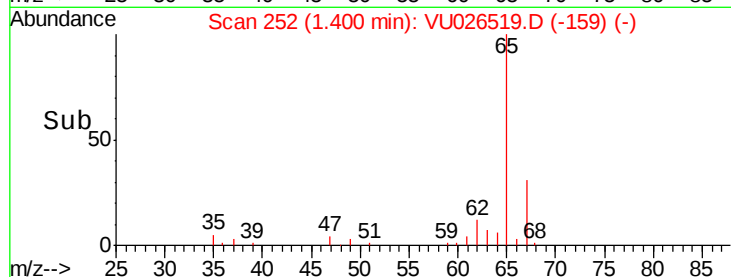
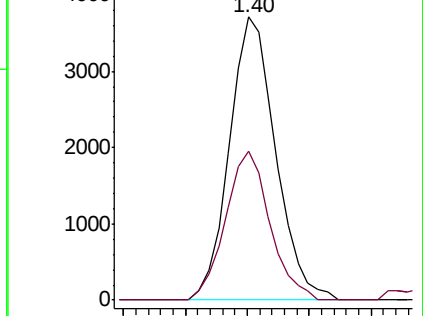
62 100

64 52.7 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 3.013 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026519.D

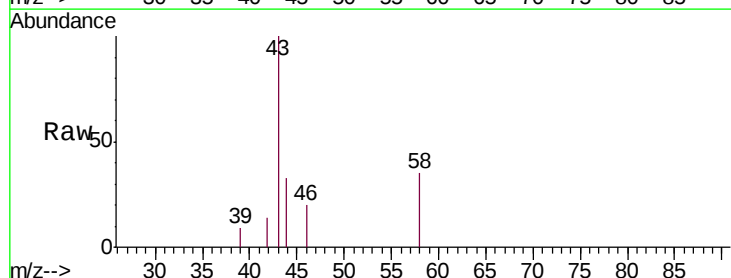
Acq: 04 Sep 2018 12:48

Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

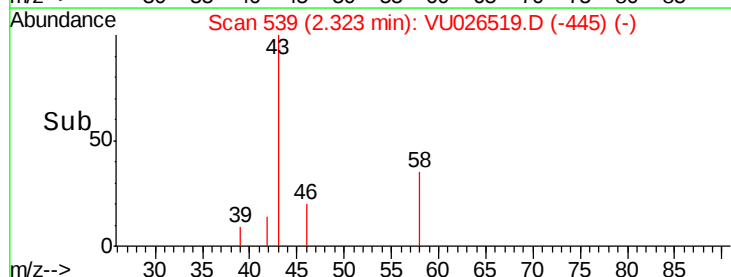
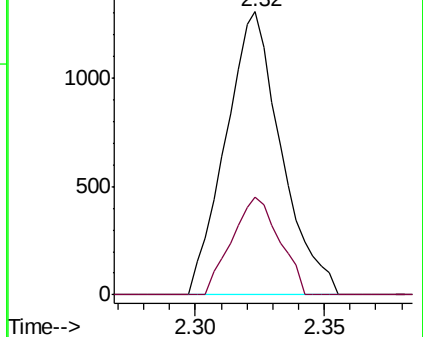
43 100

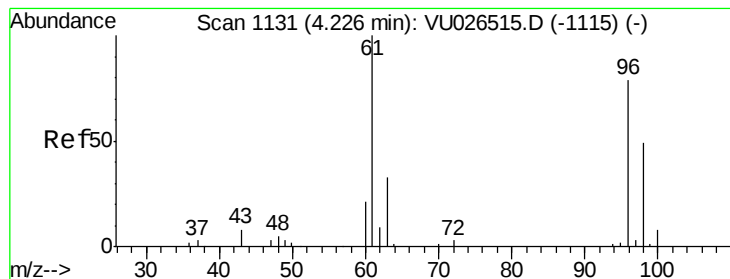
58 29.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 31.720 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026519.D

Acq: 04 Sep 2018 12:48

Instrument :

MSVOA_U

ClientSampleId :

BEE22DL

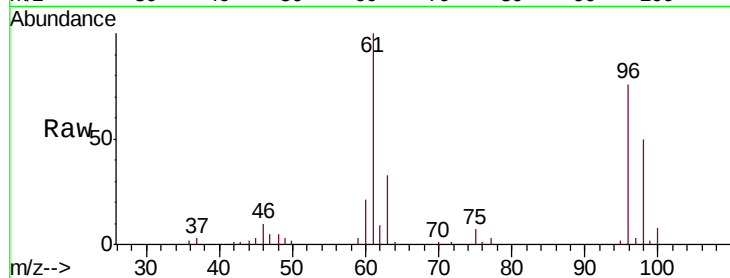
Tgt Ion: 96 Resp: 35845

Ion Ratio Lower Upper

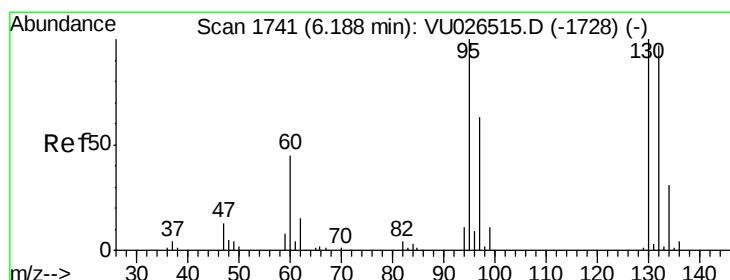
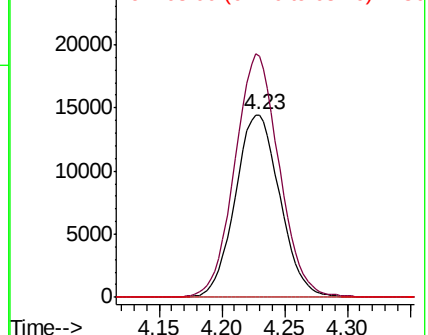
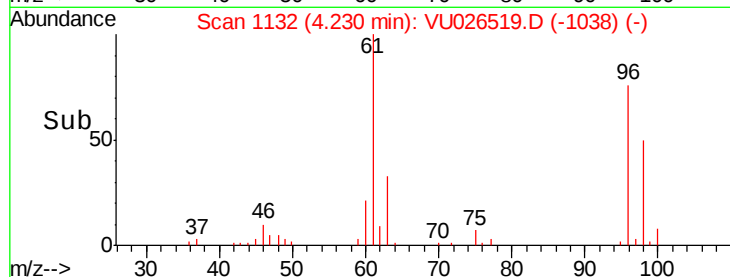
96 100

61 131.7 91.6 170.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU026519.D (-1038) (-)



#34

Trichloroethene

Concen: 7.362 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026519.D

Acq: 04 Sep 2018 12:48

Tgt Ion: 95 Resp: 7747

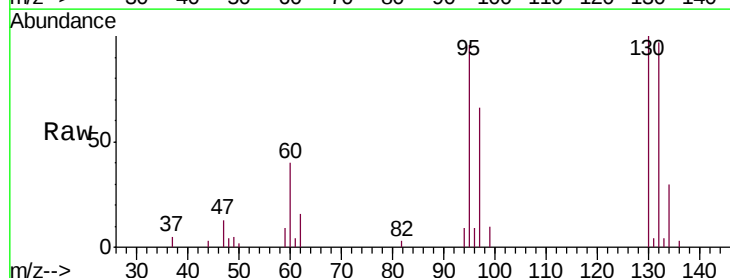
Ion Ratio Lower Upper

95 100

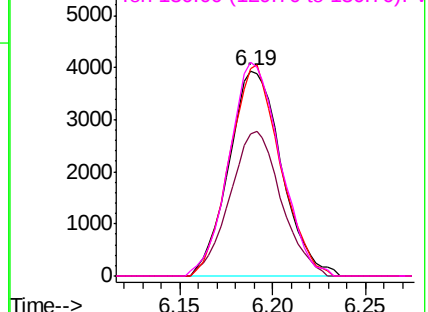
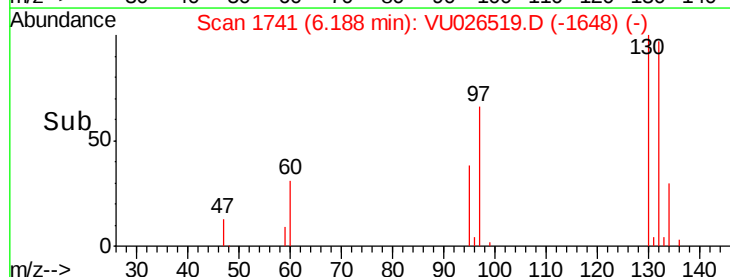
97 69.0 45.1 83.7

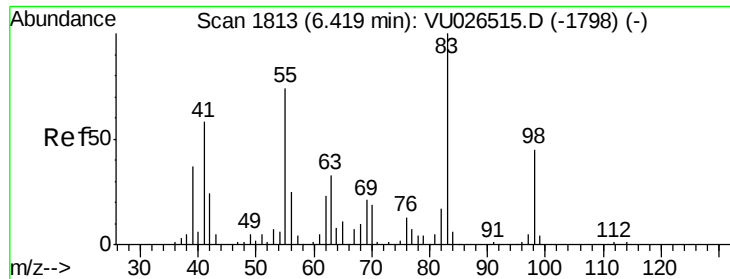
132 100.9 67.5 125.3

130 104.1 69.3 128.7



Abundance Ion 95.00 (94.70 to 95.70): VU026519.D (-1648) (-)

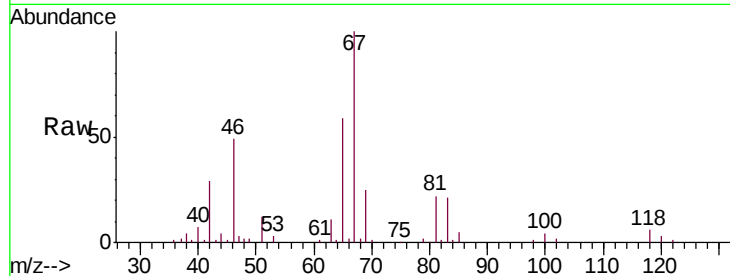




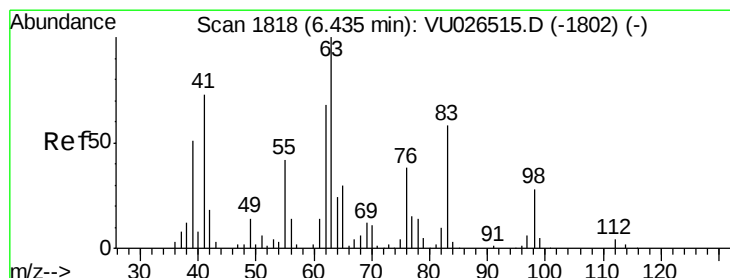
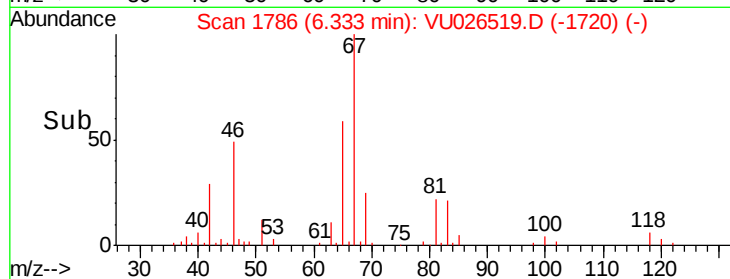
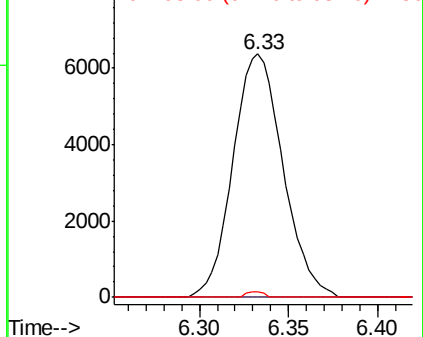
#35
Methylcyclohexane
Concen: 7.602 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026519.D
Acq: 04 Sep 2018 12:48

Instrument :
MSVOA_U
ClientSampleId :
BEE22DL

Tgt Ion: 83 Resp: 12492
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.8 36.7 55.1#

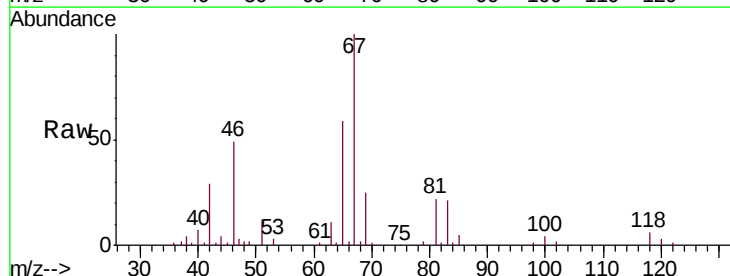


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

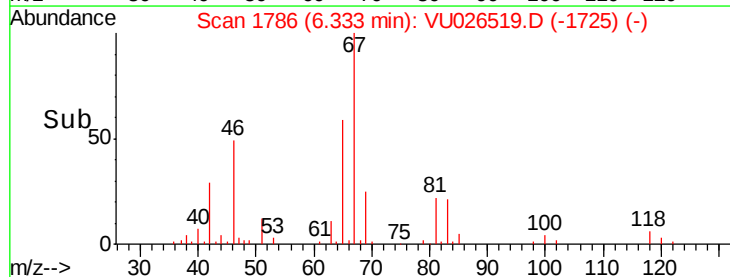
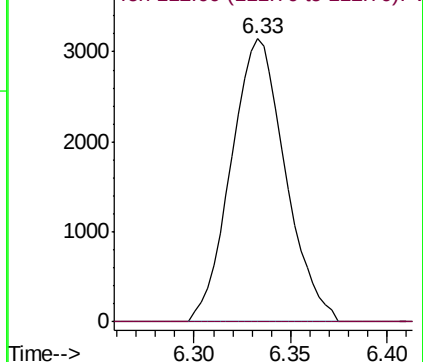


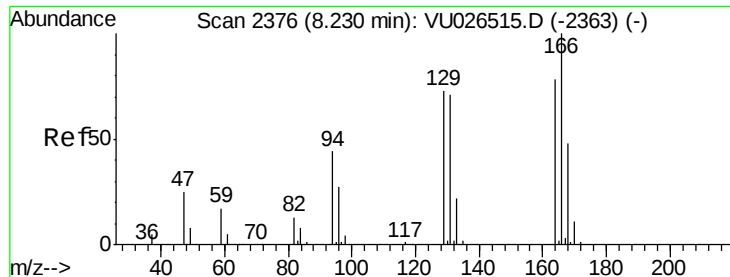
#37
1,2-Dichloropropane
Concen: 5.282 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026519.D
Acq: 04 Sep 2018 12:48

Tgt Ion: 63 Resp: 6135
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

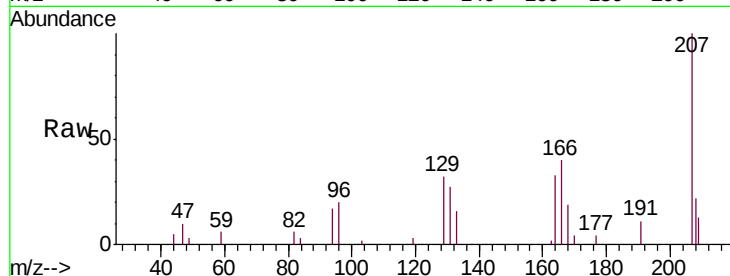




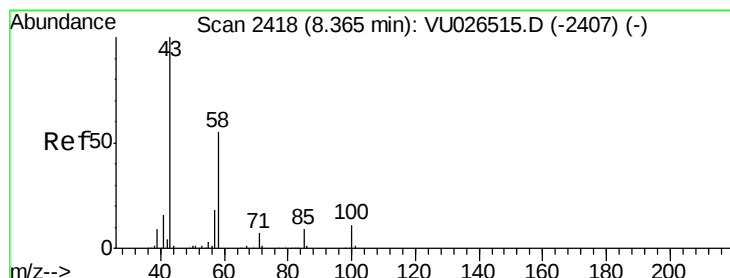
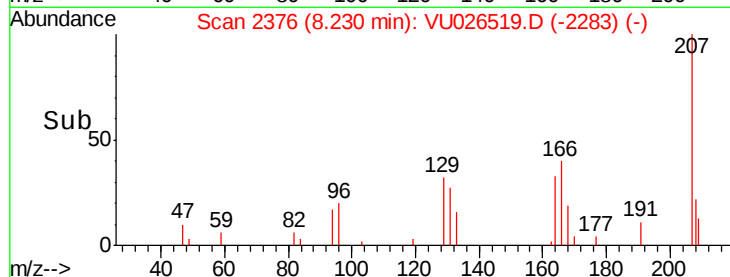
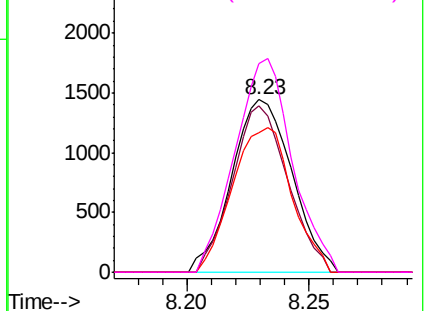
#46
Tetrachloroethene
Concen: 2.882 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026519.D
Acq: 04 Sep 2018 12:48

Instrument :
MSVOA_U
ClientSampled :
BEE22DL

Tgt Ion:164 Resp: 2480
Ion Ratio Lower Upper
164 100
129 96.7 67.3 125.1
131 80.8 65.3 121.3
166 121.1 90.9 168.7

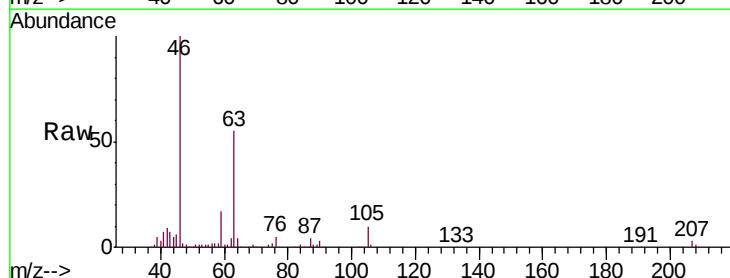


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

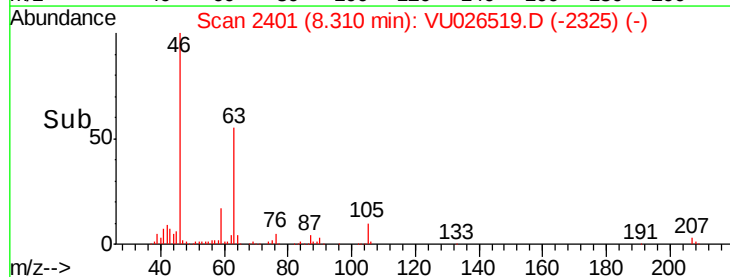
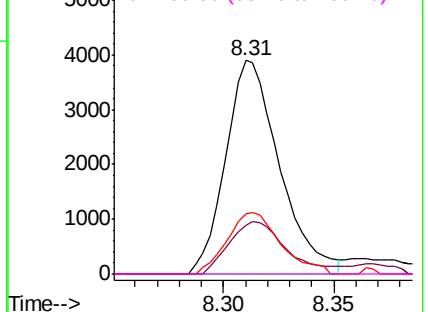


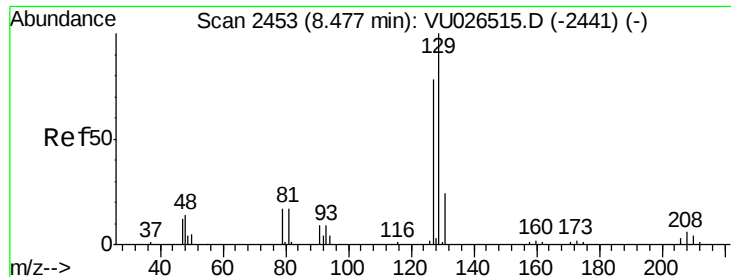
#48
2-Hexanone
Concen: 5.356 ug/L
RT: 8.31 min Scan# 2401
Delta R.T. -0.05 min
Lab File: VU026519.D
Acq: 04 Sep 2018 12:48

Tgt Ion: 43 Resp: 6608
Ion Ratio Lower Upper
43 100
58 25.4 42.2 63.4#
57 28.5 14.6 21.8#
100 0.0 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 1.830 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026519.D

Acq: 04 Sep 2018 12:48

Instrument :

MSVOA_U

ClientSampleId :

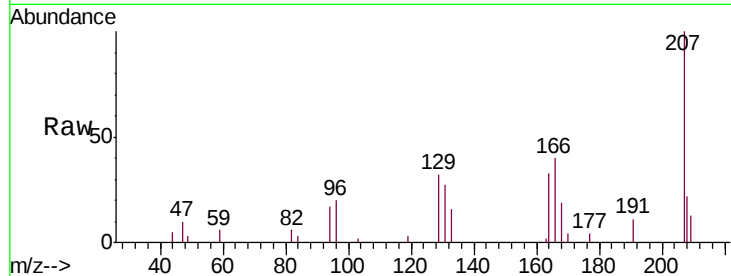
BEE22DL

Tgt Ion:129 Resp: 2194

Ion Ratio Lower Upper

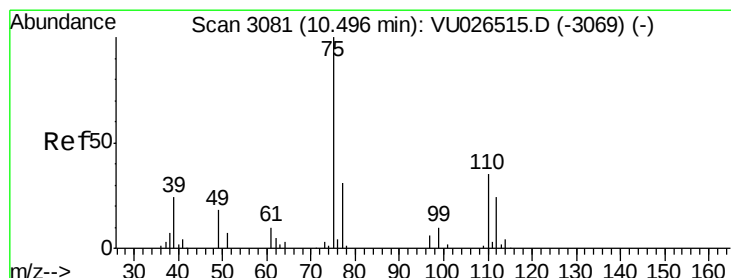
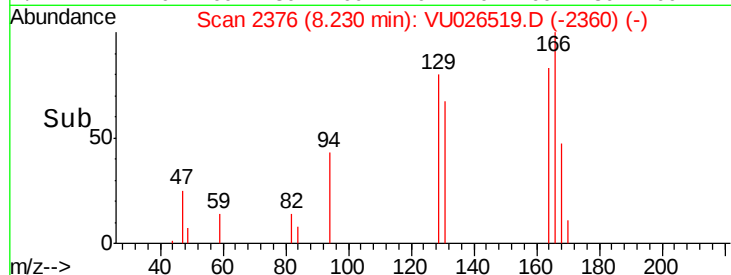
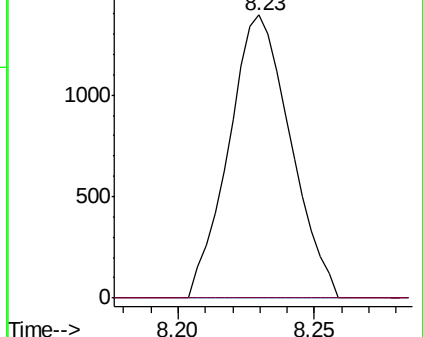
129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.992 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026519.D

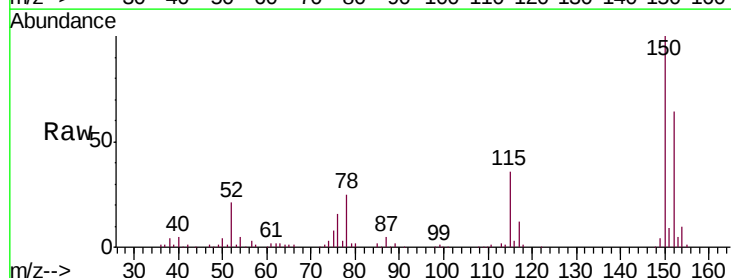
Acq: 04 Sep 2018 12:48

Tgt Ion: 75 Resp: 7234

Ion Ratio Lower Upper

75 100

77 37.7 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

