

Data File : VU026550.D
Acq On : 05 Sep 2018 18:32
Operator : MD/SY
Sample : J4694-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE18

Quant Time: Sep 06 06:00:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	60665	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	21655	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	17391	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.54%
7) Chloroethane-d5	1.68	69	23821	70.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	140.34%#
11) 1,1-Dichloroethene-d2	2.27	63	8764	10.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	20.70%#
21) 2-Butanone-d5	4.21	46	118203	405.19	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	405.19%#
24) Chloroform-d	4.65	84	51131	72.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.04%#
26) 1,2-Dichloroethane-d4	5.31	65	33870	71.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.32%#
32) Benzene-d6	5.34	84	79375	58.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.18%
36) 1,2-Dichloropropane-d6	6.33	67	33933	72.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	144.58%#
41) Toluene-d8	7.57	98	50910	38.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.20%#
43) trans-1,3-Dichloropropene-	7.85	79	7952	37.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.20%
47) 2-Hexanone-d5	8.32	63	68020	315.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	315.95%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	52710	76.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	152.44%#
64) 1,2-Dichlorobenzene-d4	11.86	152	20229	51.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.98%

Target Compounds

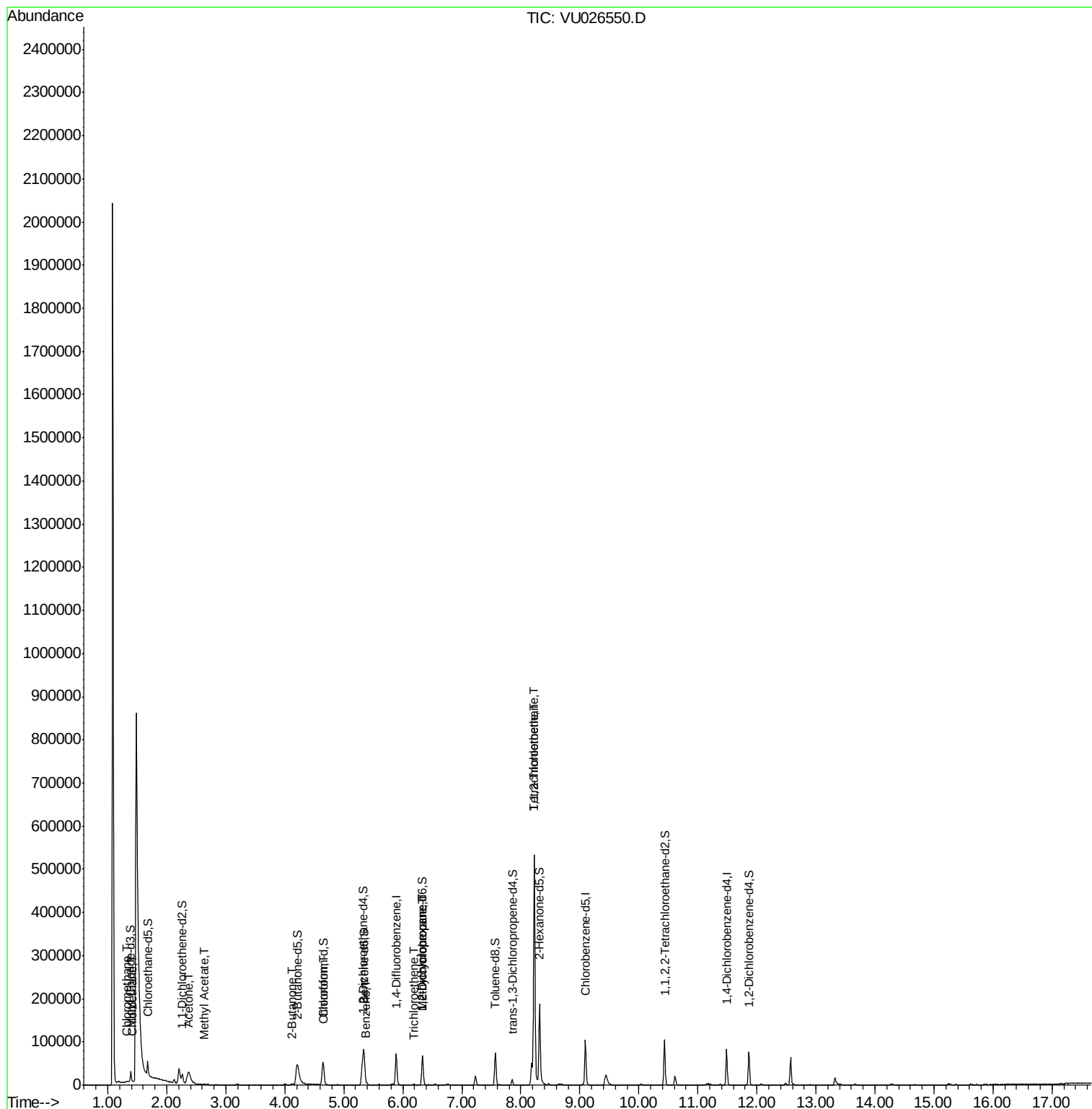
					Qvalue
3) Chloromethane	1.32	50	929	1.591 ug/L	83
8) Chloroethane	1.42	64	2204	5.797 ug/L #	43
13) Acetone	2.36	43	76068	301.132 ug/L	67
15) Methyl Acetate	2.63	43	2422	4.883 ug/L #	91
22) 2-Butanone	4.12	43	7889	23.234 ug/L #	51
25) Chloroform	4.67	83	1030	1.310 ug/L	83
33) Benzene	5.39	78	3354	1.973 ug/L	100
34) Trichloroethene	6.19	95	633	1.485 ug/L	96
35) Methylcyclohexane	6.33	83	7509	11.280 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	3623	7.700 ug/L #	88
45) 1,1,2-Trichloroethane	8.23	97	1326	3.076 ug/L #	2
46) Tetrachloroethene	8.23	164	119093	341.681 ug/L	98

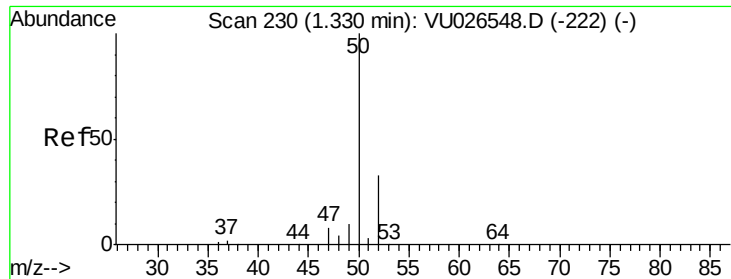
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

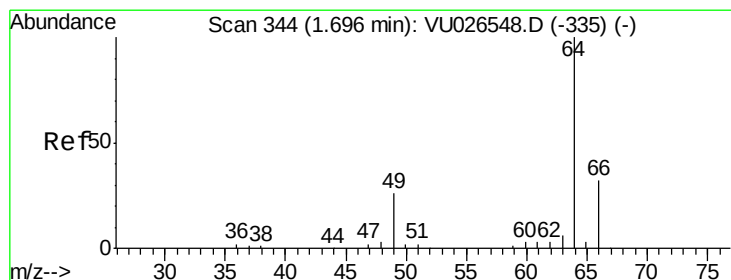
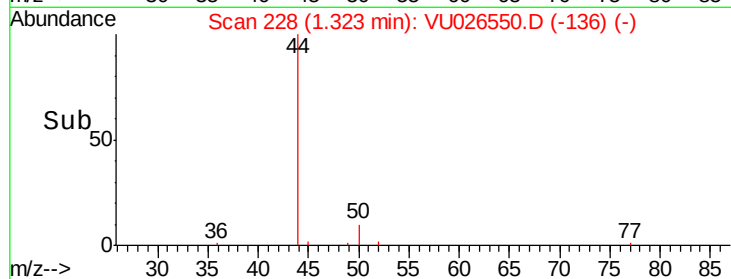
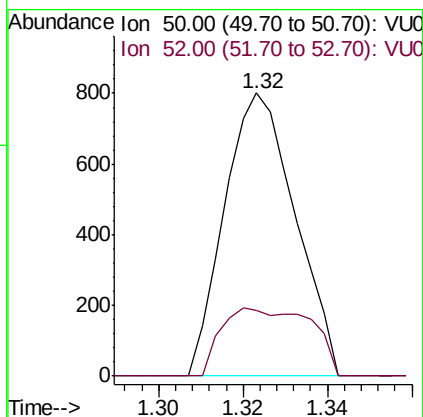
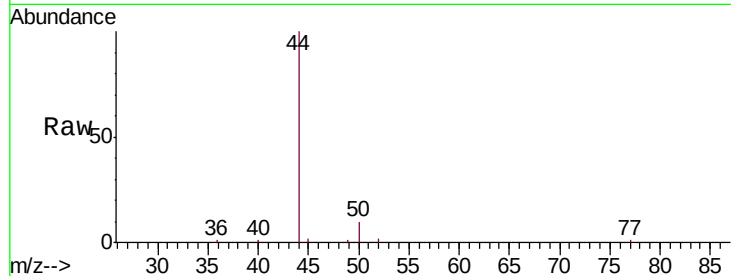




#3
Chloromethane
Concen: 1.591 ug/L
RT: 1.32 min Scan# 228
Delta R.T. -0.00 min
Lab File: VU026550.D
Acq: 05 Sep 2018 18:32

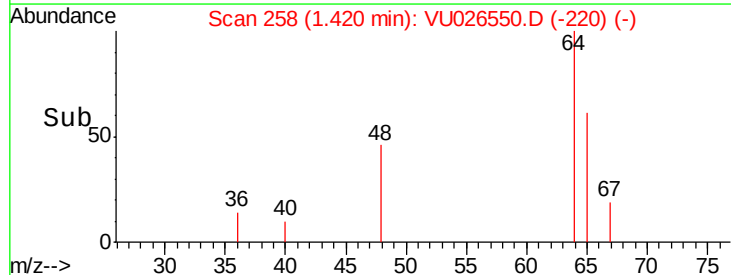
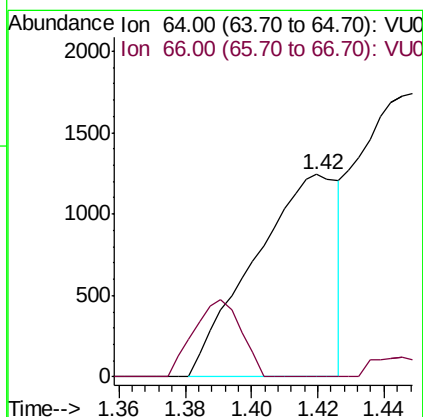
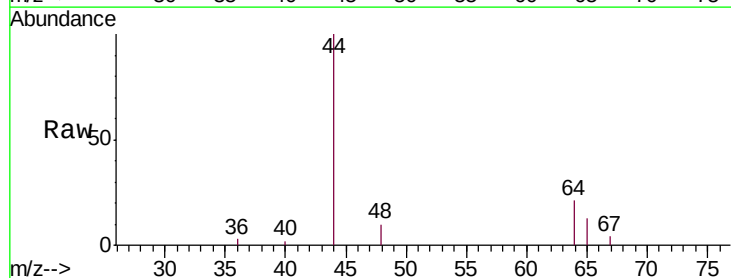
Instrument :
MSVOA_U
ClientSampleId :
BEE18

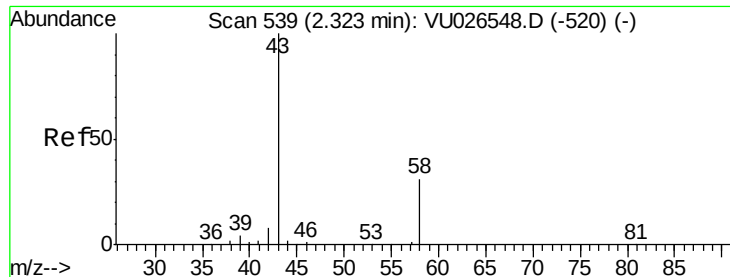
Tgt Ion: 50 Resp: 929
Ion Ratio Lower Upper
50 100
52 23.3 23.0 42.6



#8
Chloroethane
Concen: 5.797 ug/L
RT: 1.42 min Scan# 258
Delta R.T. -0.28 min
Lab File: VU026550.D
Acq: 05 Sep 2018 18:32

Tgt Ion: 64 Resp: 2204
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#





#13

Acetone

Concen: 301.132 ug/L

RT: 2.36 min Scan# 552

Delta R.T. 0.05 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

Instrument :

MSVOA_U

ClientSampleId :

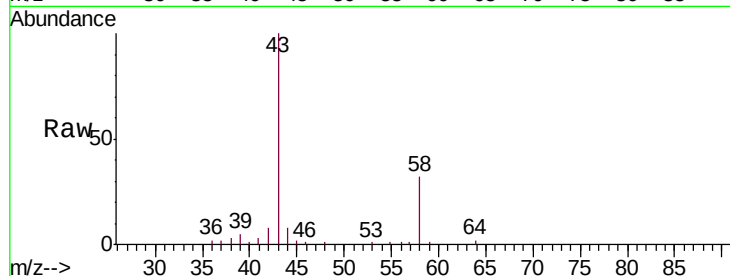
BEE18

Tgt Ion: 43 Resp: 76068

Ion Ratio Lower Upper

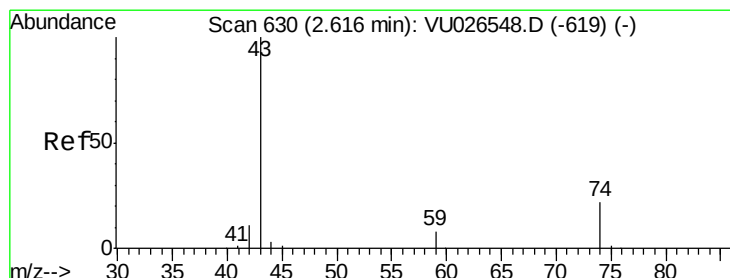
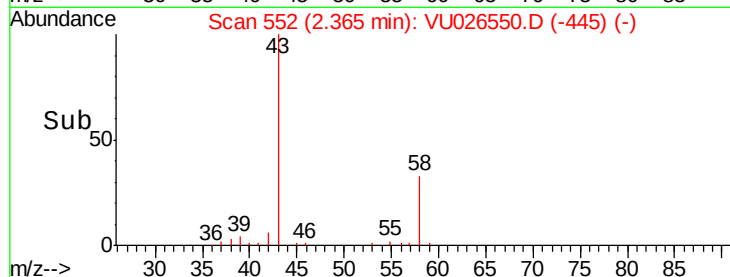
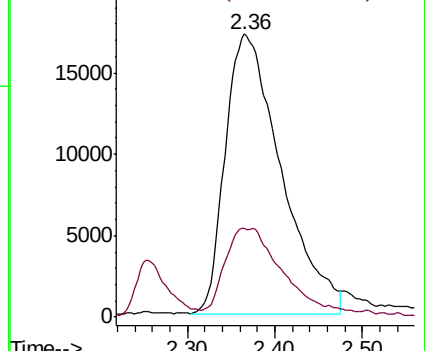
43 100

58 12.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 4.883 ug/L

RT: 2.63 min Scan# 634

Delta R.T. 0.01 min

Lab File: VU026550.D

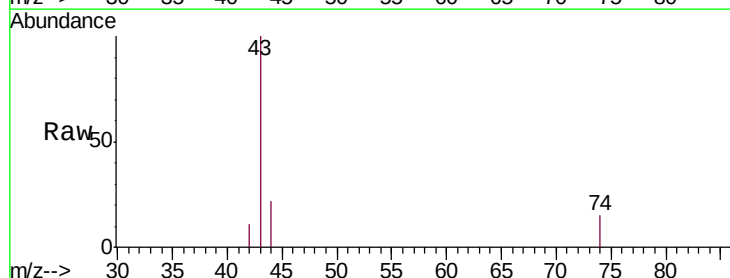
Acq: 05 Sep 2018 18:32

Tgt Ion: 43 Resp: 2422

Ion Ratio Lower Upper

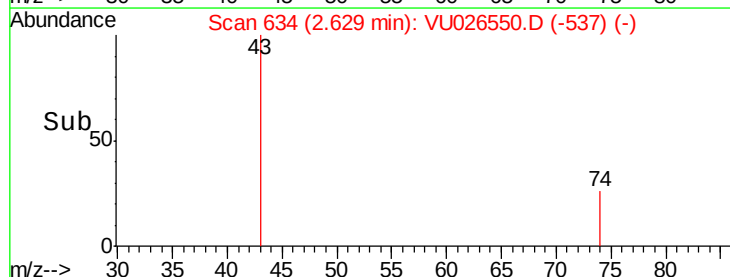
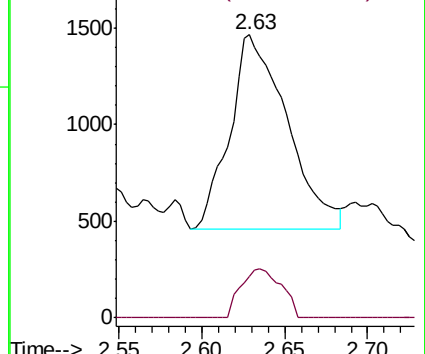
43 100

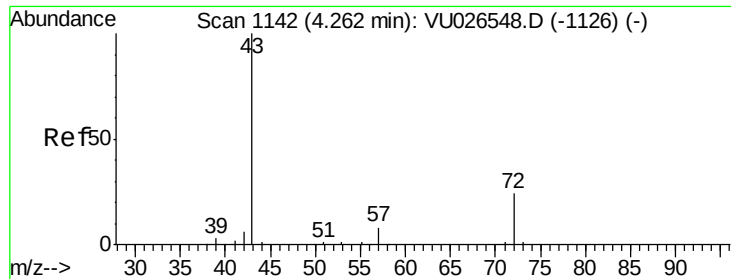
74 17.7 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#22

2-Butanone

Concen: 23.234 ug/L

RT: 4.12 min Scan# 1099

Delta R.T. -0.14 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

Instrument :

MSVOA_U

ClientSampleId :

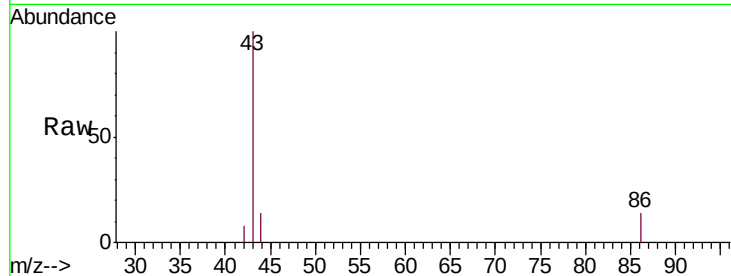
BEE18

Tgt Ion: 43 Resp: 7889

Ion Ratio Lower Upper

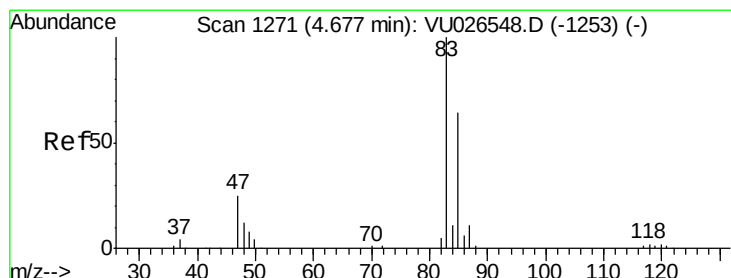
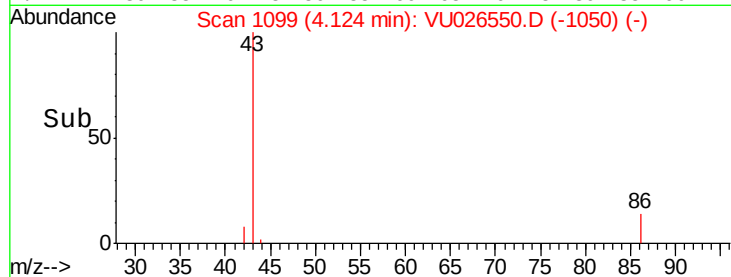
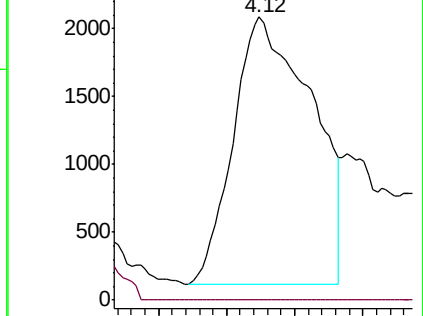
43 100

72 0.8 13.0 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VU026550.D (-1050) (-)

Ion 72.00 (71.70 to 72.70): VU026550.D (-1050) (-)



#25

Chloroform

Concen: 1.310 ug/L

RT: 4.67 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VU026550.D

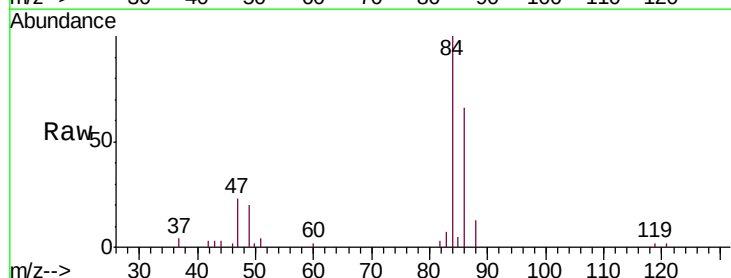
Acq: 05 Sep 2018 18:32

Tgt Ion: 83 Resp: 1030

Ion Ratio Lower Upper

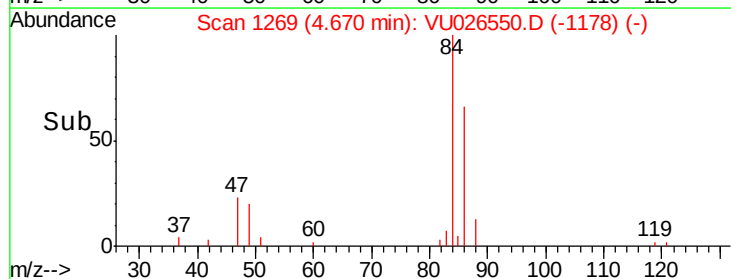
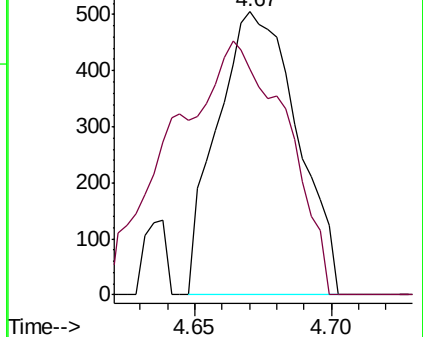
83 100

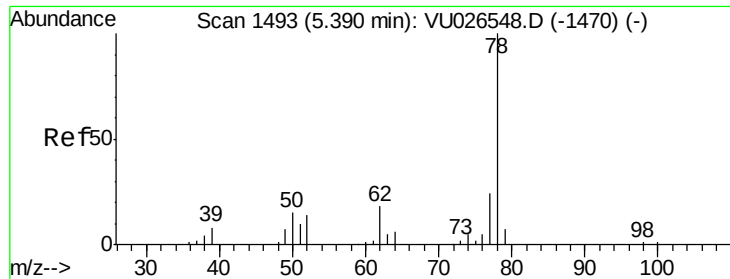
85 79.8 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU026550.D (-1178) (-)

Ion 85.00 (84.70 to 85.70): VU026550.D (-1178) (-)





#33

Benzene

Concen: 1.973 ug/L

RT: 5.39 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

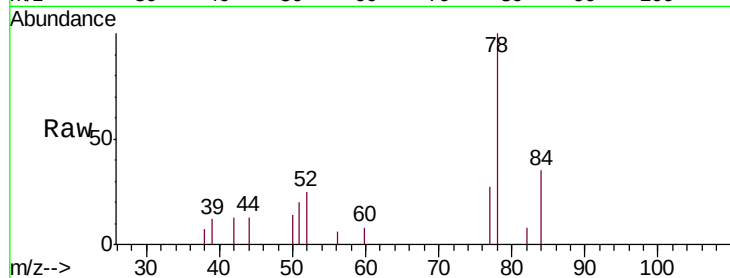
Instrument :

MSVOA_U

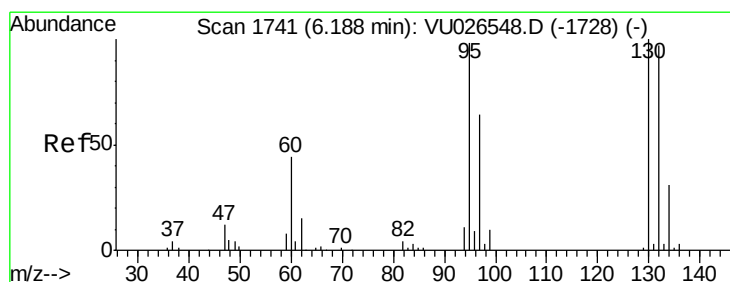
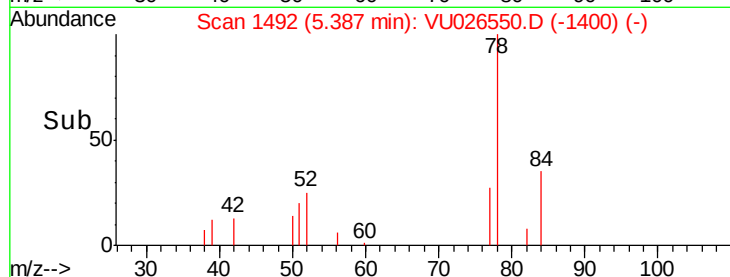
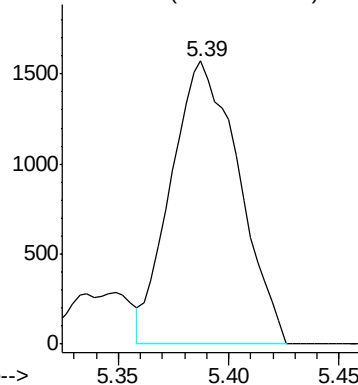
ClientSampled :

BEE18

Tgt Ion: 78 Resp: 3354



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 1.485 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

Tgt Ion: 95 Resp: 633

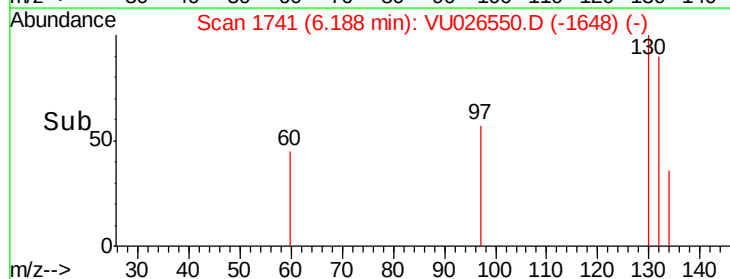
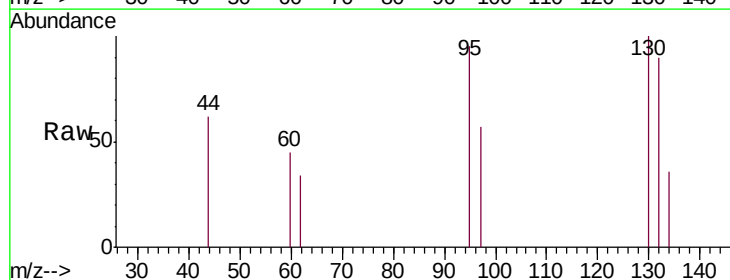
Ion	Ratio	Lower	Upper
95	100		
97	59.9	45.1	83.7
132	94.8	67.5	125.3
130	104.9	69.3	128.7

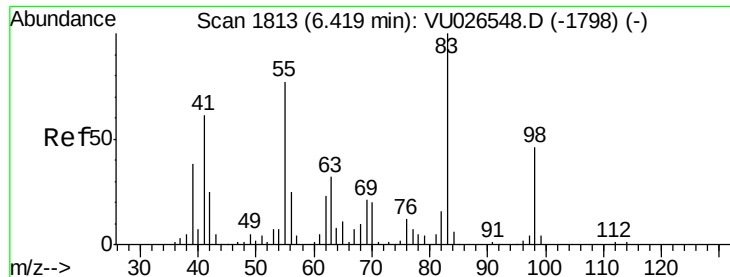
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

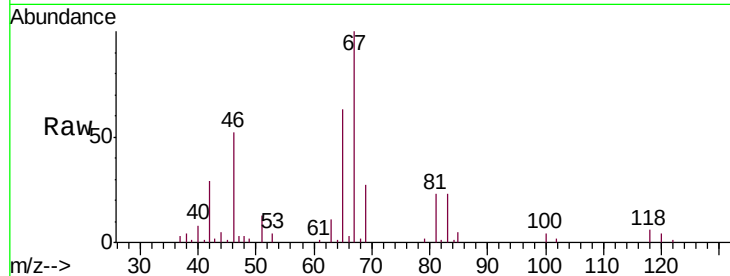




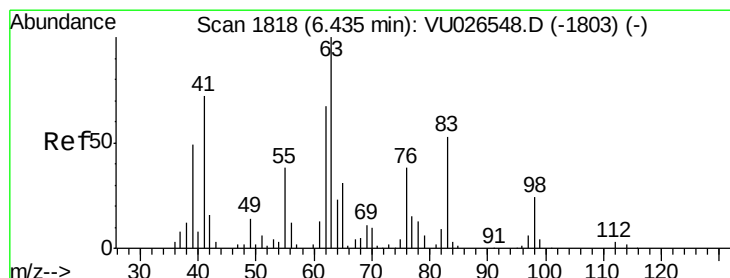
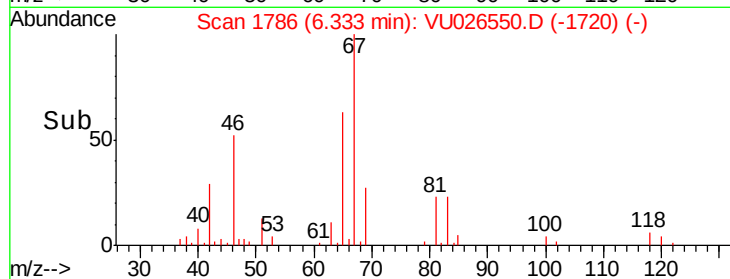
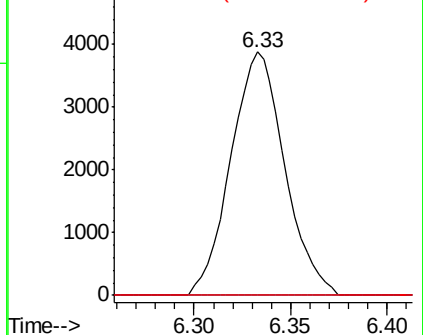
#35
Methylcyclohexane
Concen: 11.280 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026550.D
Acq: 05 Sep 2018 18:32

Instrument :
MSVOA_U
ClientSampleId :
BEE18

Tgt Ion: 83 Resp: 7509
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

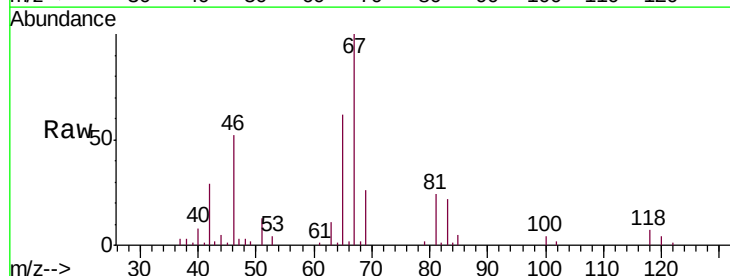


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

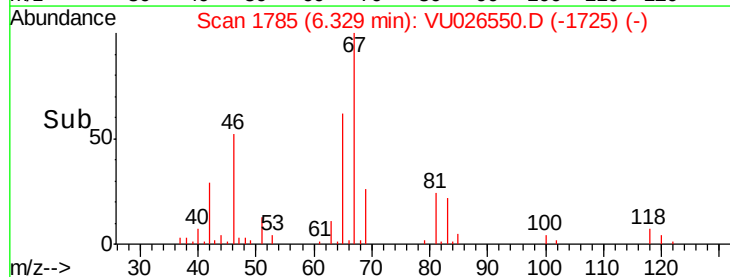
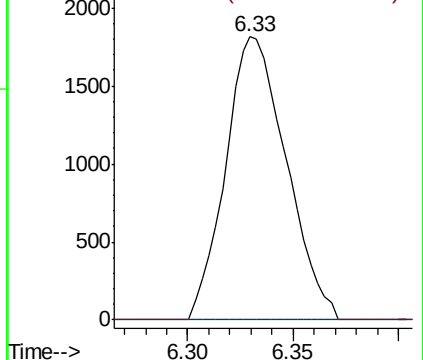


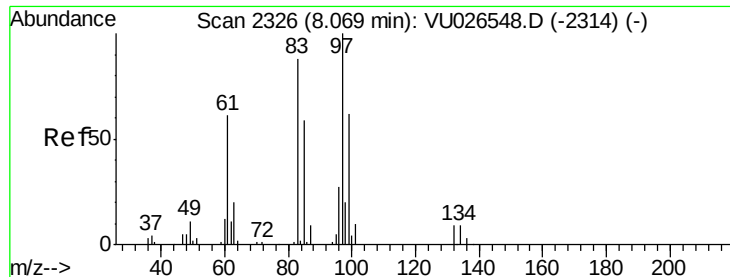
#37
1,2-Dichloropropane
Concen: 7.700 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.11 min
Lab File: VU026550.D
Acq: 05 Sep 2018 18:32

Tgt Ion: 63 Resp: 3623
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





#45

1,1,2-Trichloroethane

Concen: 3.076 ug/L

RT: 8.23 min Scan# 2375

Delta R.T. 0.16 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

Instrument :

MSVOA_U

ClientSampled :

BEE18

Tgt Ion: 97 Resp: 1326

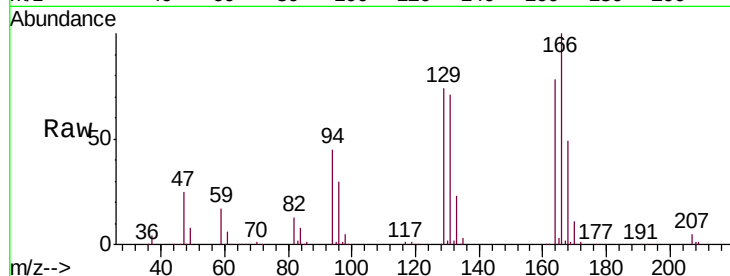
Ion Ratio Lower Upper

97 100

99 16.7 43.9 81.5#

83 252.0 62.7 116.5#

85 41.1 39.4 73.2

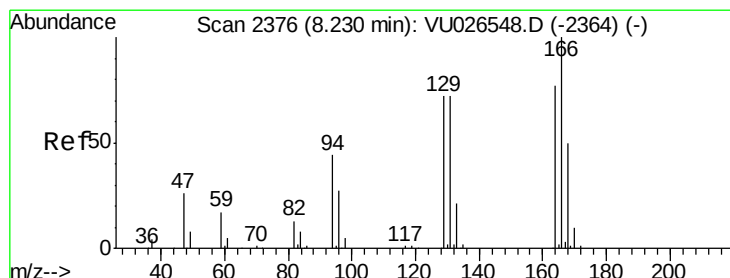
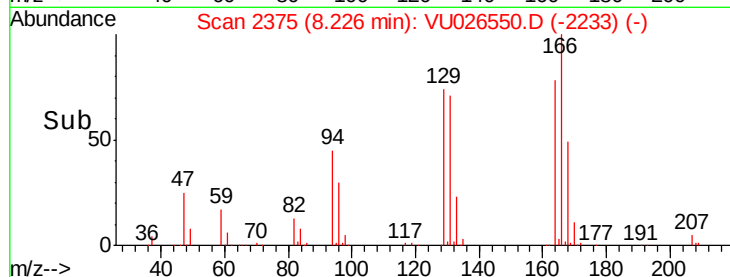
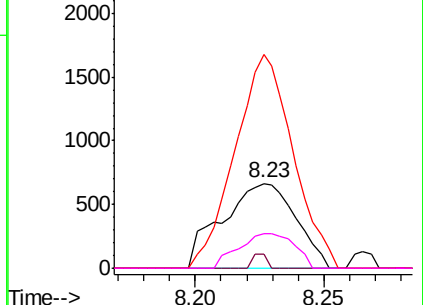


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 341.681 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026550.D

Acq: 05 Sep 2018 18:32

Tgt Ion: 164 Resp: 119093

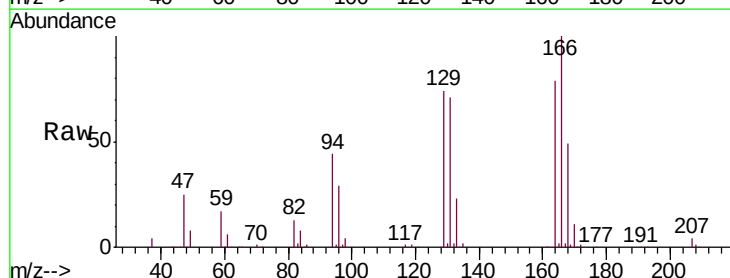
Ion Ratio Lower Upper

164 100

129 93.8 67.3 125.1

131 90.7 65.3 121.3

166 127.3 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

