

Data File : VU026499.D
Acq On : 31 Aug 2018 15:00
Operator : MD/SY
Sample : J4691-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE06

Quant Time: Sep 01 01:04:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	151796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145141	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62493	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42897	45.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.22%
7) Chloroethane-d5	1.68	69	40128	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.48%
11) 1,1-Dichloroethene-d2	2.27	63	62158	29.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.70%#
21) 2-Butanone-d5	4.18	46	72769	99.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.69%
24) Chloroform-d	4.65	84	85427	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.18%
26) 1,2-Dichloroethane-d4	5.31	65	59415	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.34	84	173912	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.98%
36) 1,2-Dichloropropane-d6	6.33	67	58923	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.54%
41) Toluene-d8	7.57	98	156692	48.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.04%
43) trans-1,3-Dichloropropene-	7.85	79	23577	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.86%
47) 2-Hexanone-d5	8.31	63	54166	102.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81492	48.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	63525	56.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.06%

Target Compounds

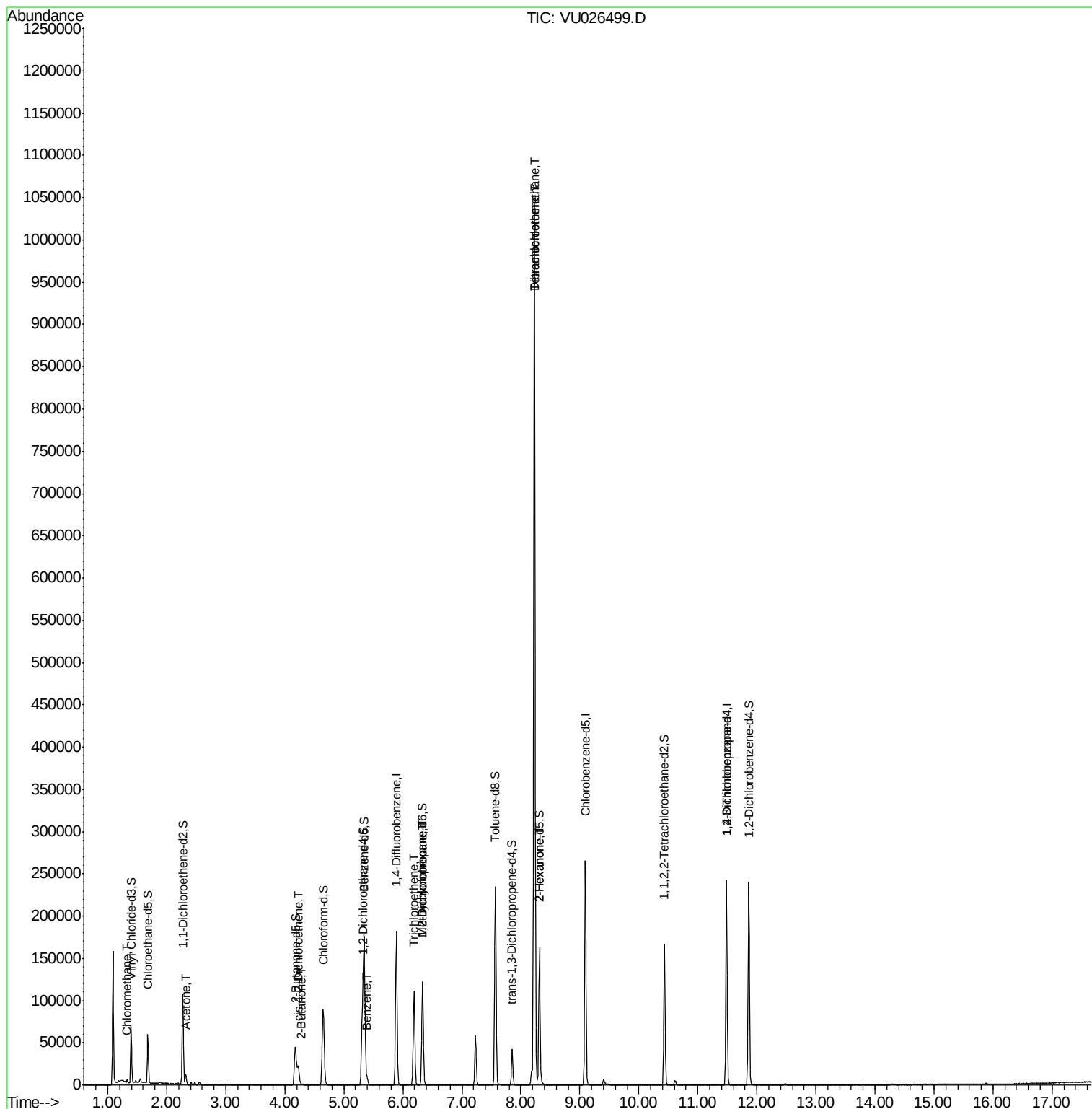
					Qvalue
3) Chloromethane	1.33	50	1956	1.338 ug/L	98
13) Acetone	2.32	43	13116	20.751 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	10798	9.835 ug/L	96
22) 2-Butanone	4.28	43	1430	1.683 ug/L #	49
33) Benzene	5.39	78	7894	1.897 ug/L	100
34) Trichloroethene	6.19	95	38573	36.958 ug/L	99
35) Methylcyclohexane	6.33	83	13464	8.261 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	5880	5.104 ug/L #	88
46) Tetrachloroethene	8.23	164	230403	270.009 ug/L	97
48) 2-Hexanone	8.31	43	6419	5.246 ug/L #	66
49) Dibromochloromethane	8.23	129	213603	179.641 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7358	5.119 ug/L #	86

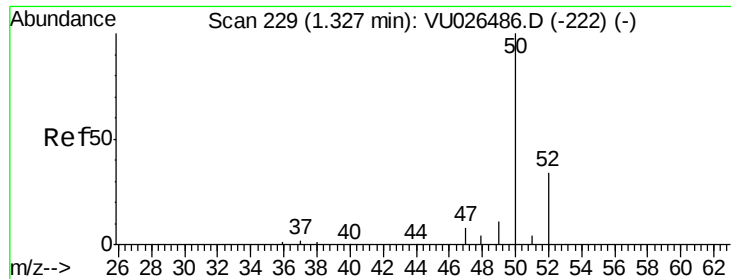
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 1.338 ug/L

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

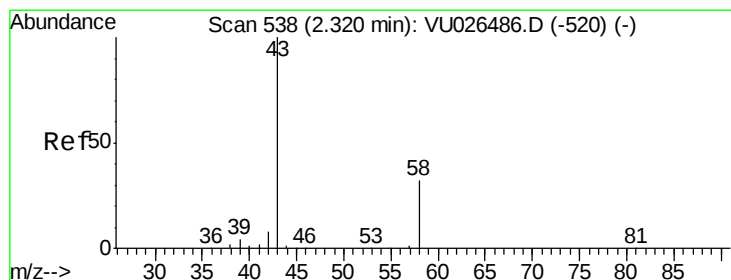
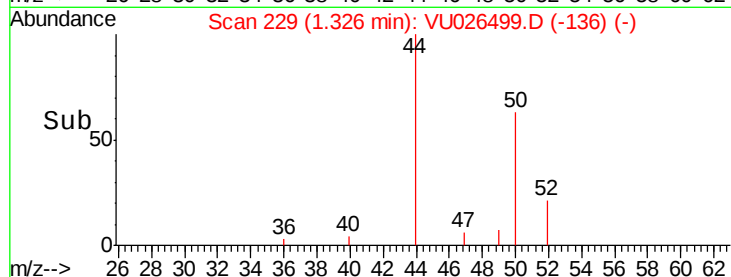
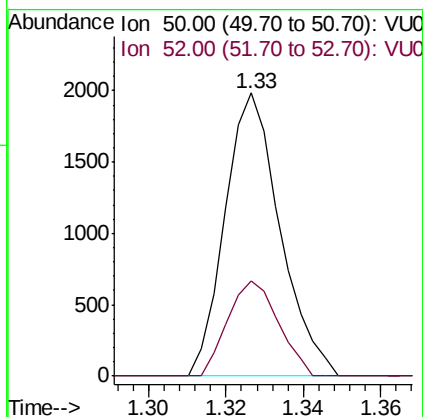
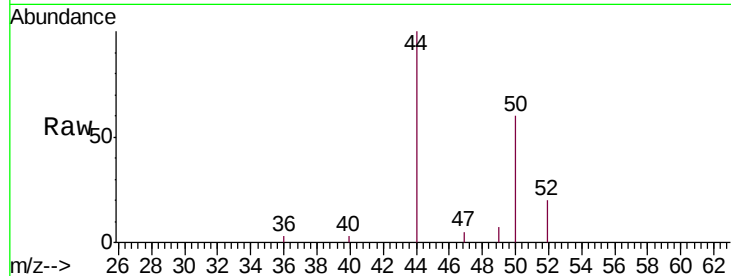
BEE06

Tgt Ion: 50 Resp: 1956

Ion Ratio Lower Upper

50 100

52 33.7 23.0 42.6



#13

Acetone

Concen: 20.751 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026499.D

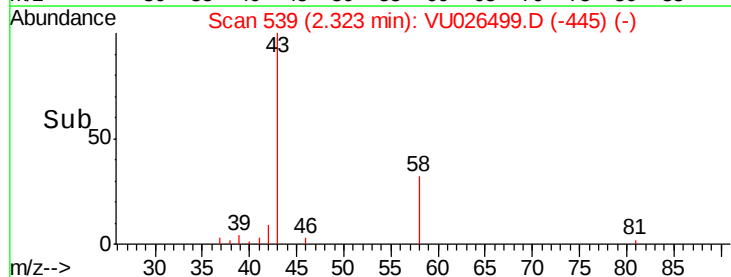
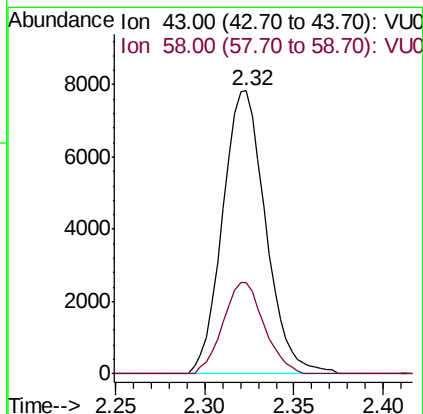
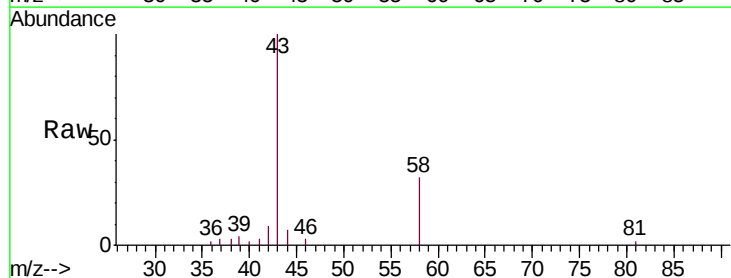
Acq: 31 Aug 2018 15:00

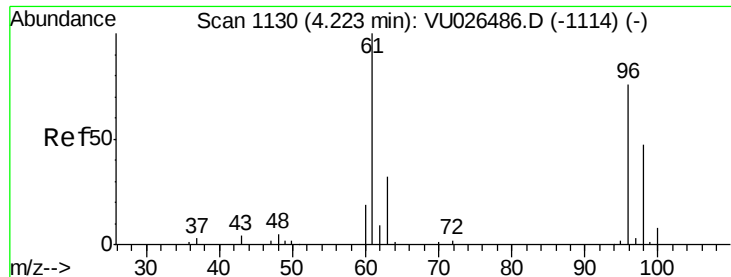
Tgt Ion: 43 Resp: 13116

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.2

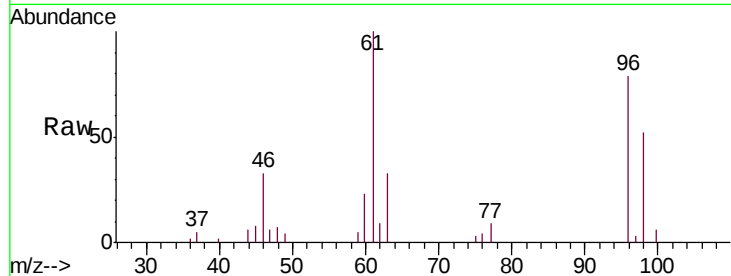




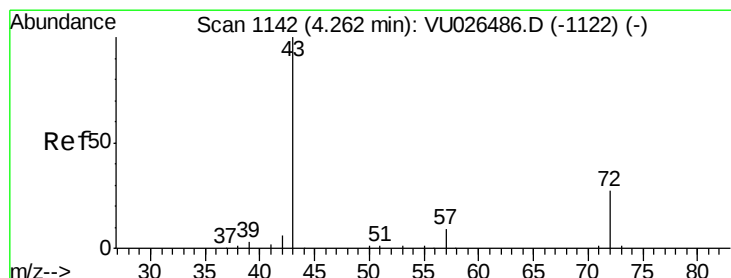
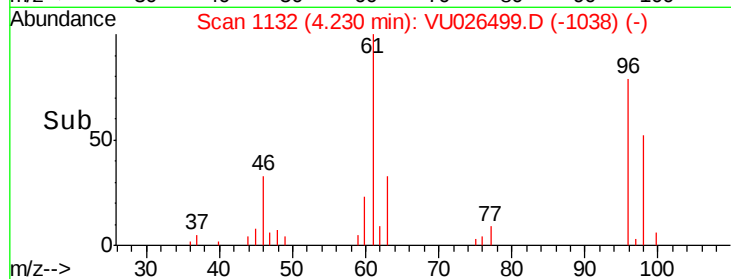
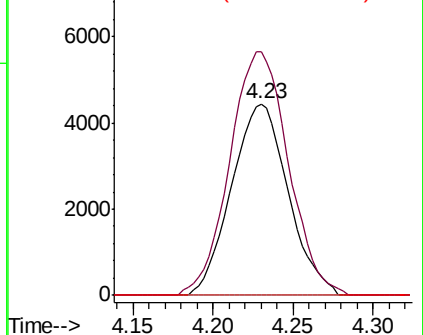
#20
 cis-1,2-Dichloroethene
 Concen: 9.835 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026499.D
 Acq: 31 Aug 2018 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE06

Tgt Ion: 96 Resp: 10798
 Ion Ratio Lower Upper
 96 100
 61 126.8 91.6 170.2
 68 0.0 0.0 0.0

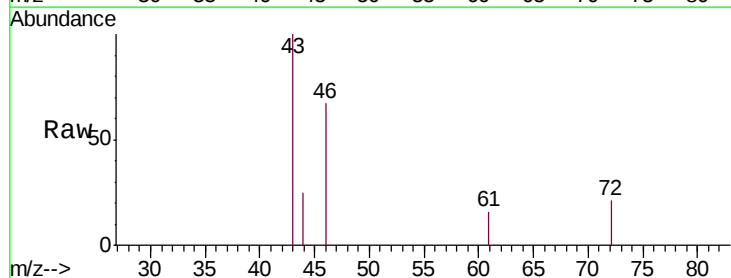


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

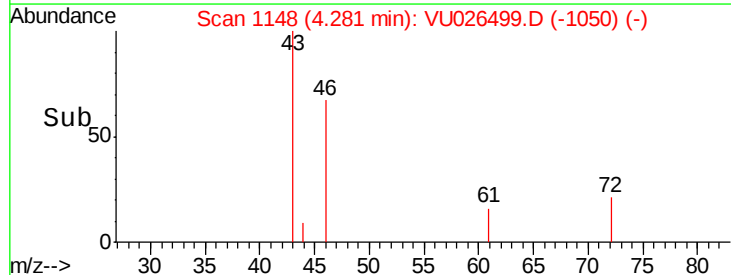
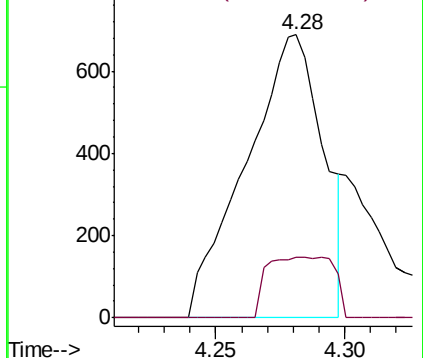


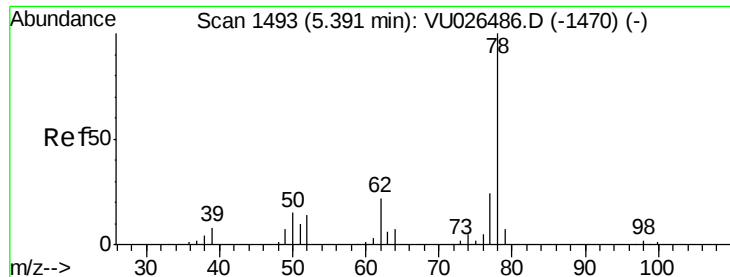
#22
 2-Butanone
 Concen: 1.683 ug/L
 RT: 4.28 min Scan# 1148
 Delta R.T. 0.02 min
 Lab File: VU026499.D
 Acq: 31 Aug 2018 15:00

Tgt Ion: 43 Resp: 1430
 Ion Ratio Lower Upper
 43 100
 72 0.0 13.0 38.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 72.00 (71.70 to 72.70): VU0

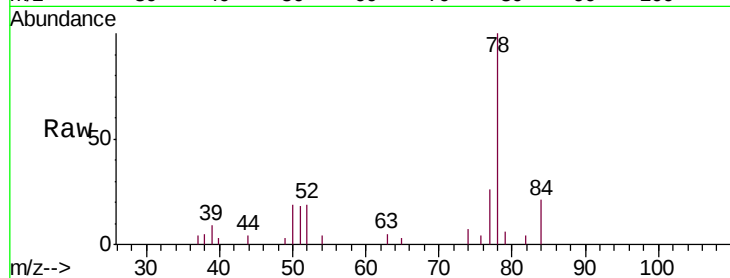




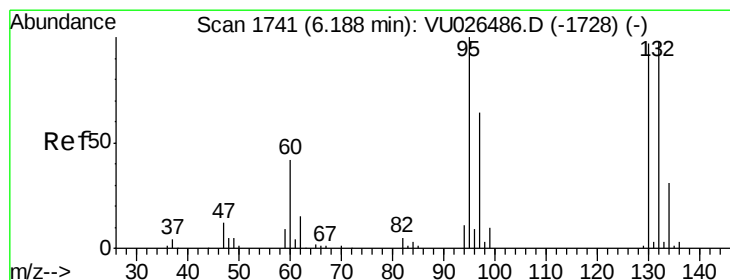
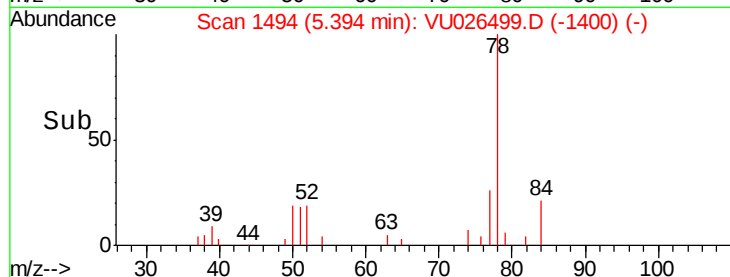
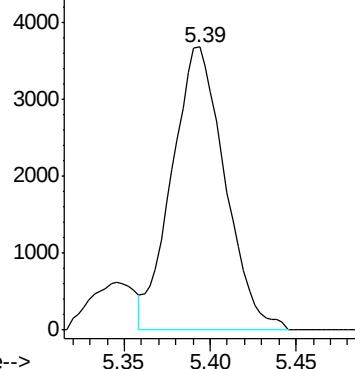
#33
Benzene
Concen: 1.897 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU026499.D
Acq: 31 Aug 2018 15:00

Instrument :
MSVOA_U
ClientSampled :
BEE06

Tgt Ion: 78 Resp: 7894



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34
Trichloroethene
Concen: 36.958 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VU026499.D
Acq: 31 Aug 2018 15:00

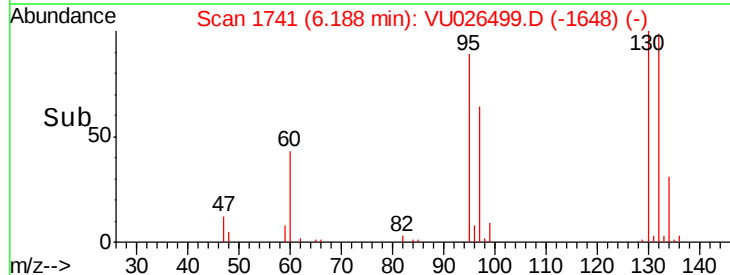
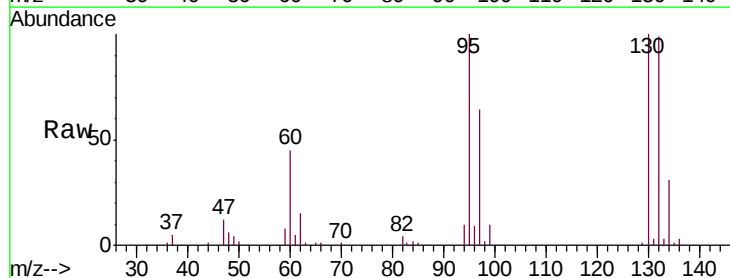
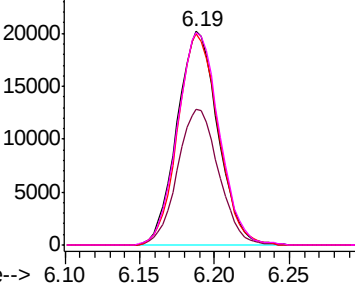
Tgt Ion: 95 Resp: 38573
Ion Ratio Lower Upper
95 100
97 63.7 45.1 83.7
132 98.8 67.5 125.3
130 99.6 69.3 128.7

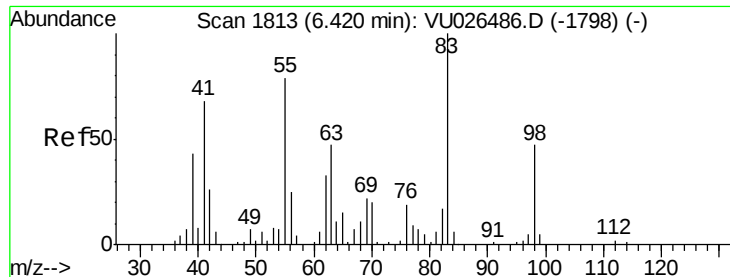
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

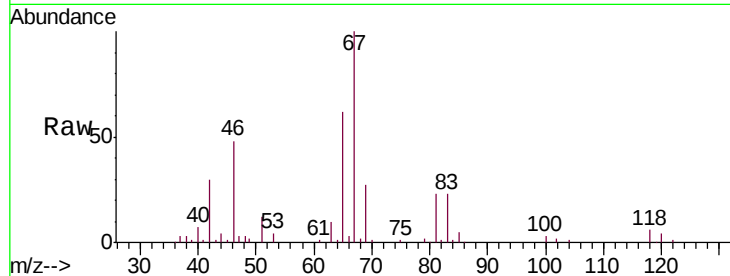




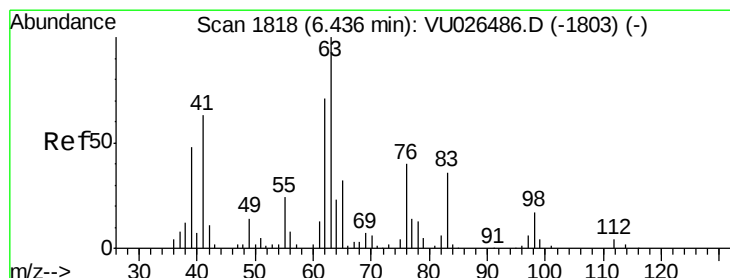
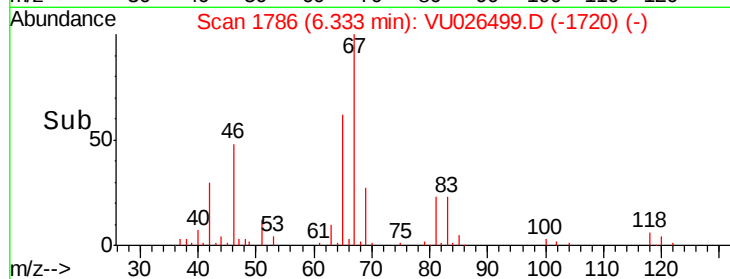
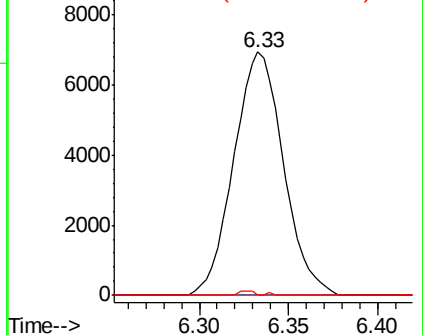
#35
Methylcyclohexane
Concen: 8.261 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026499.D
Acq: 31 Aug 2018 15:00

Instrument :
MSVOA_U
ClientSampleId :
BEE06

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.3	94.9#
98	0.5	36.7	55.1#

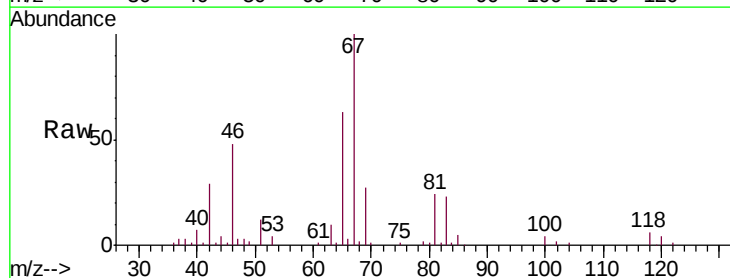


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

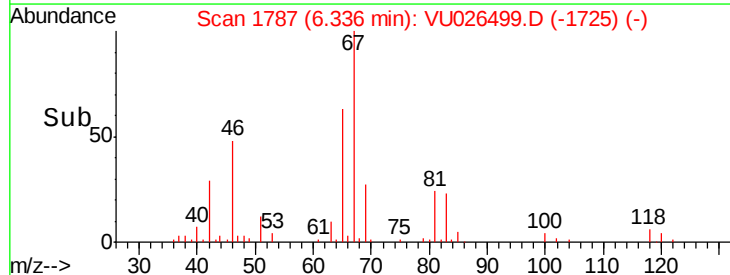
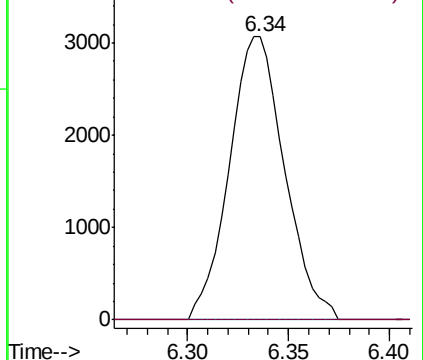


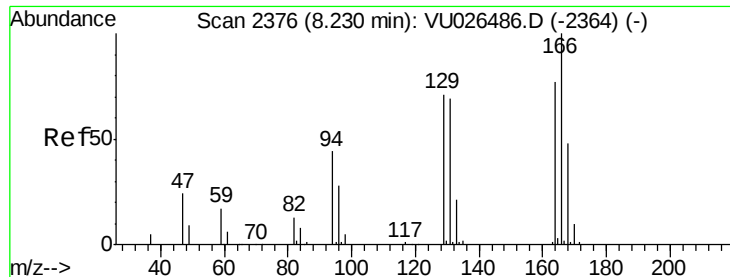
#37
1,2-Dichloropropane
Concen: 5.104 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026499.D
Acq: 31 Aug 2018 15:00

Tgt 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: 270.009 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

BEE06

Tgt Ion:164 Resp: 230403

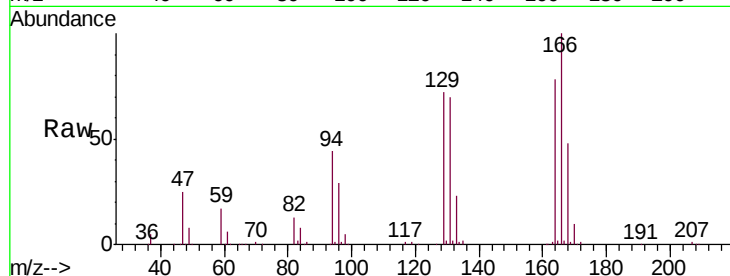
Ion Ratio Lower Upper

164 100

129 92.3 67.3 125.1

131 90.3 65.3 121.3

166 128.4 90.9 168.7

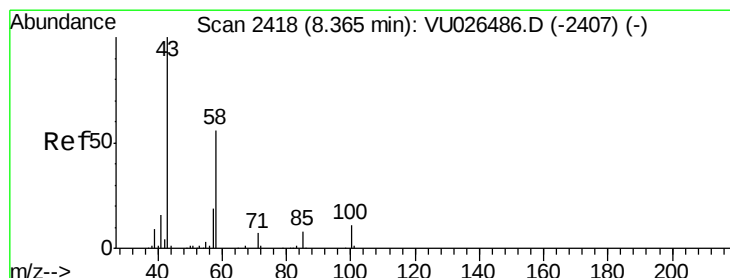
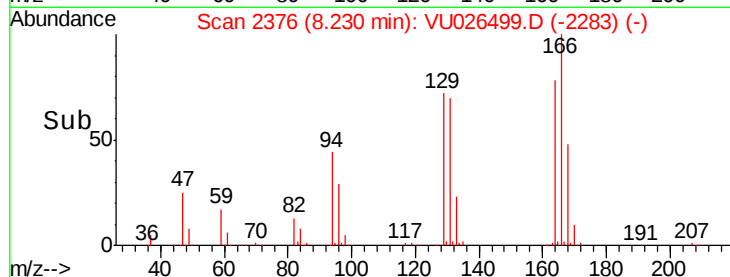
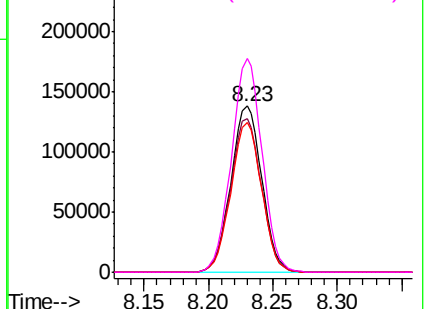


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.246 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

Tgt Ion: 43 Resp: 6419

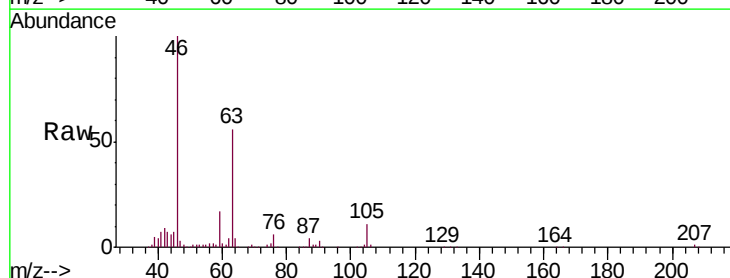
Ion Ratio Lower Upper

43 100

58 26.0 42.2 63.4#

57 29.4 14.6 21.8#

100 0.0 8.3 12.5#

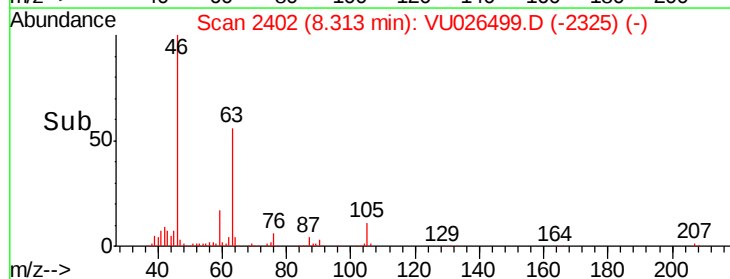
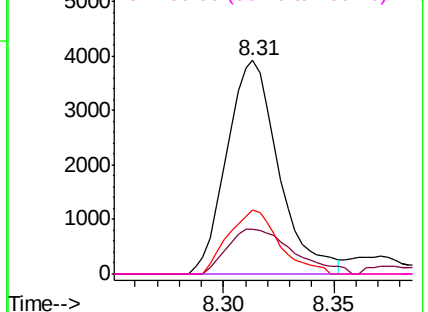


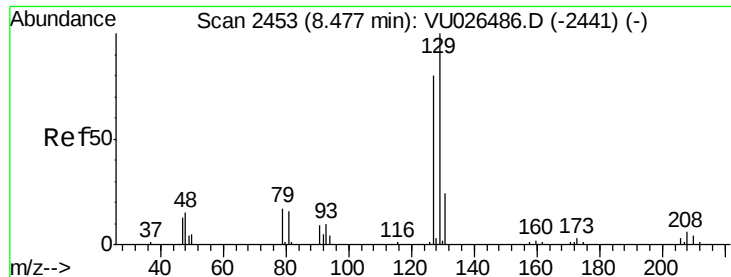
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 179.641 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

Instrument :

MSVOA_U

ClientSampled :

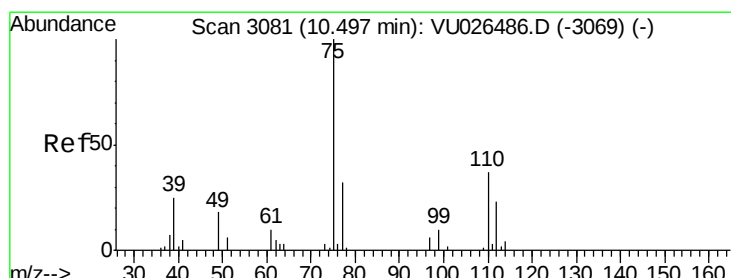
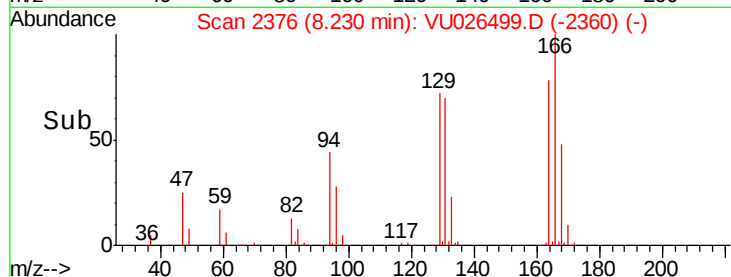
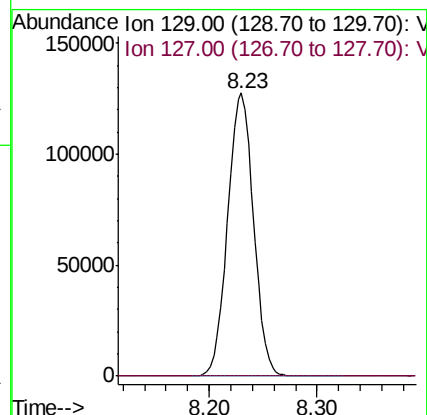
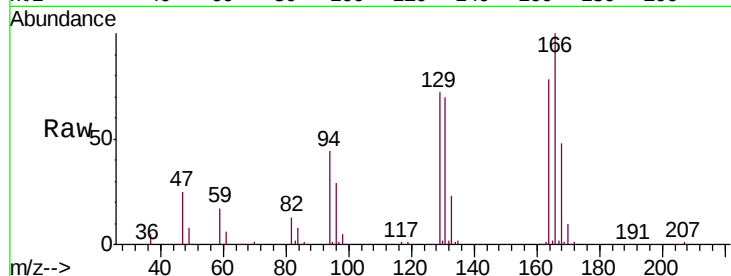
BEE06

Tgt Ion:129 Resp: 213603

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



#59

1,2,3-Trichloropropane

Concen: 5.119 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026499.D

Acq: 31 Aug 2018 15:00

Tgt Ion: 75 Resp: 7358

Ion Ratio Lower Upper

75 100

77 38.9 25.0 37.6#

