

Data File : VU035868.D
Acq On : 26 Nov 2019 19:43
Operator : JC/SP
Sample : K6057-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA0

Quant Time: Nov 27 03:20:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	212288	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	76606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	147215	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.93	69	134766	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.59	63	178323	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.69	46	242640	37.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.62%
24) Chloroform-d	5.11	84	212764	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.75	65	129459	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	449280	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.74	67	156268	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.93	98	355735	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	8.22	79	54420	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.69	63	241802	47.60	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	123871	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	90647	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.60	96	1510	0.068 ug/L #	1
13) Acetone	2.67	43	12641	2.243 ug/L	91
14) Carbon disulfide	2.83	76	5714	0.078 ug/L #	85
25) Chloroform	5.14	83	25880	0.544 ug/L	98
34) Trichloroethene	6.58	95	4238	0.164 ug/L	98
35) Methylcyclohexane	6.74	83	35534	0.936 ug/L #	14
37) 1,2-Dichloropropane	6.74	63	17001	0.568 ug/L #	91
47) Tetrachloroethene	8.59	164	24745	1.258 ug/L	93
48) 2-Hexanone	8.69	43	41013	3.033 ug/L #	68
49) Dibromochloromethane	8.58	129	21078	0.917 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	9873	0.508 ug/L #	84

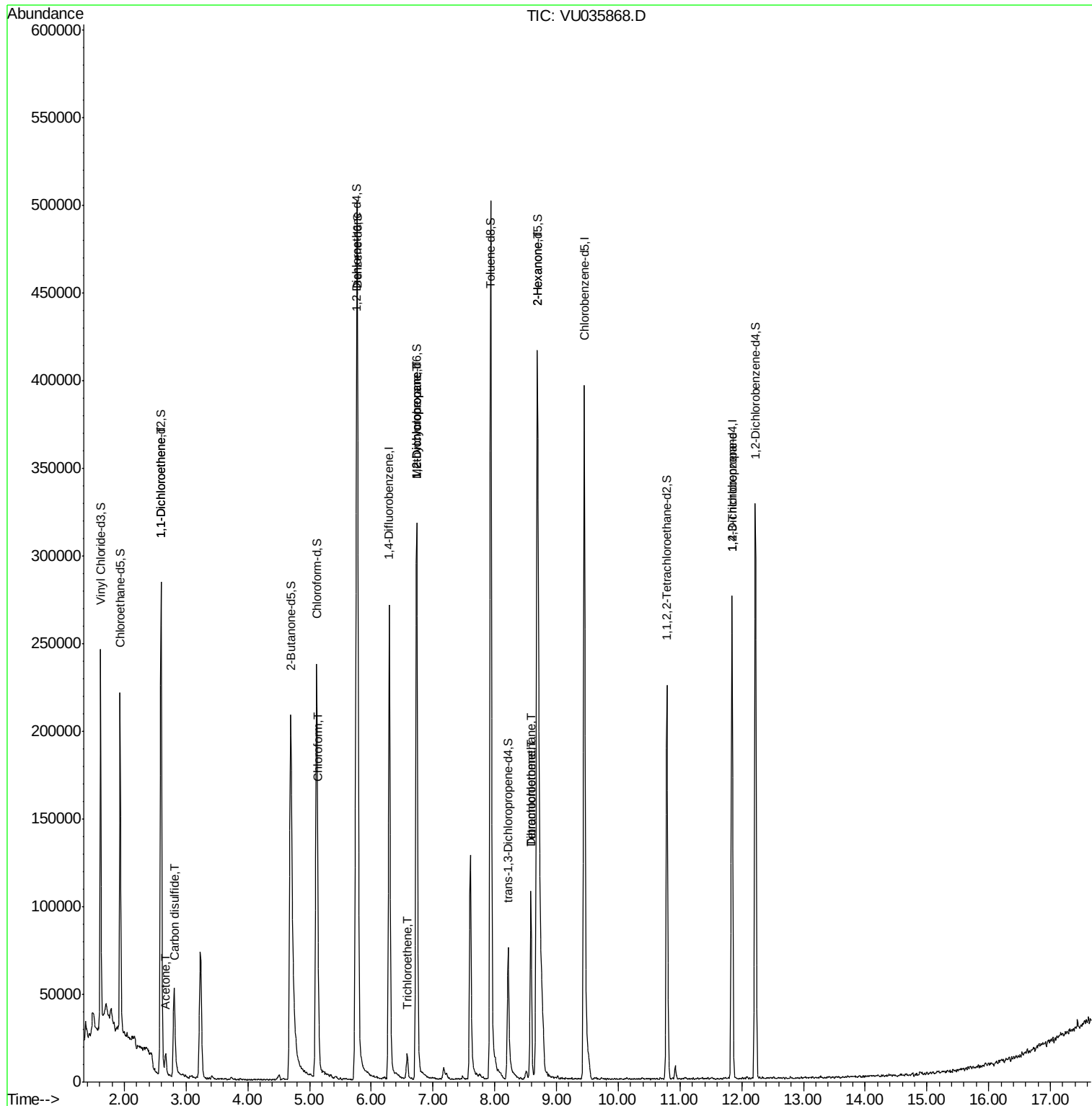
(#) = qualifier out of range (m) = manual integration (+) = signals summed

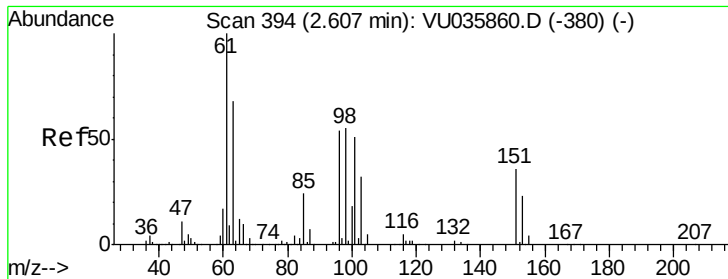
Data File : VU035868.D

```
Acq On       : 26 Nov 2019   19:43
Operator    : JC/SP
Sample      : K6057-01
Misc        : 25.0mL/MSVOA_U/WATER
ALS Vial    : 24      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
C0AA0

Quant Time: Nov 27 03:20:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

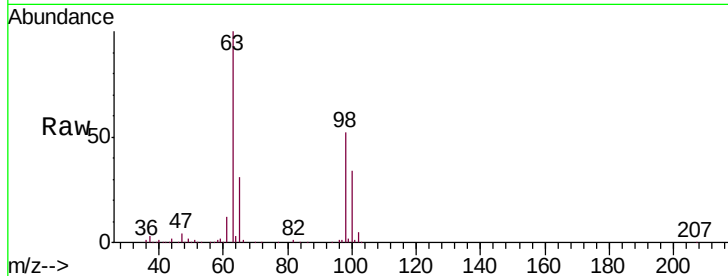




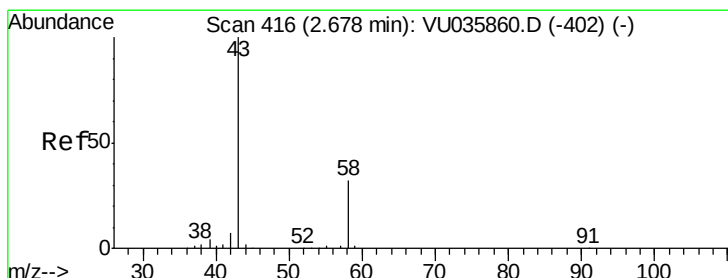
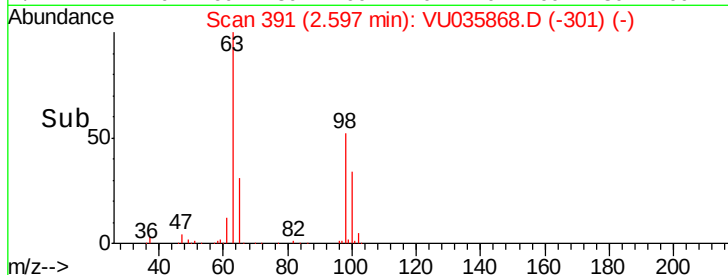
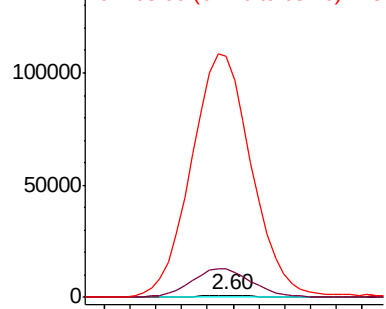
#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035868.D
 Acq: 26 Nov 2019 19:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA0

Tgt Ion: 96 Resp: 1510
 Ion Ratio Lower Upper
 96 100
 61 1274.2 139.3 258.7#
 63 10948.3 93.7 174.1#

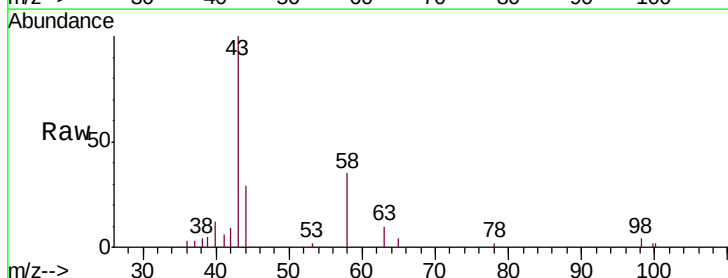


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

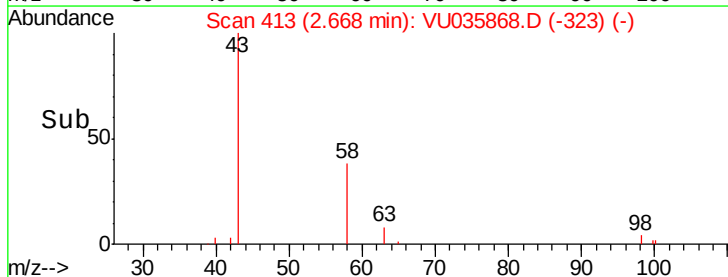
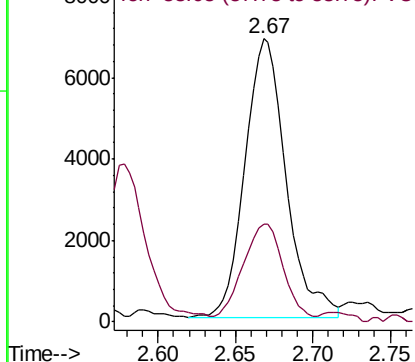


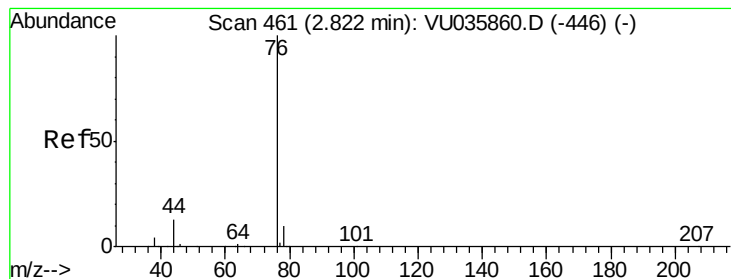
#13
 Acetone
 Concen: 2.243 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: VU035868.D
 Acq: 26 Nov 2019 19:43

Tgt Ion: 43 Resp: 12641
 Ion Ratio Lower Upper
 43 100
 58 35.6 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.078 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035868.D

Acq: 26 Nov 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

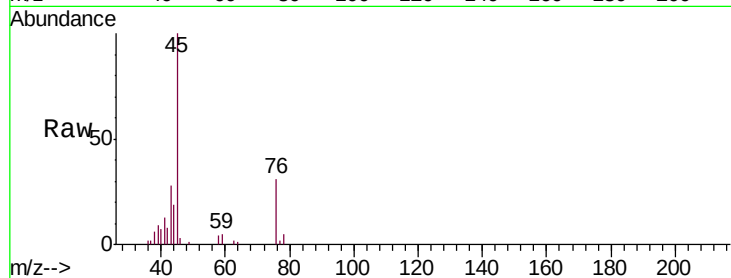
C0AA0

Tgt Ion: 76 Resp: 5714

Ion Ratio Lower Upper

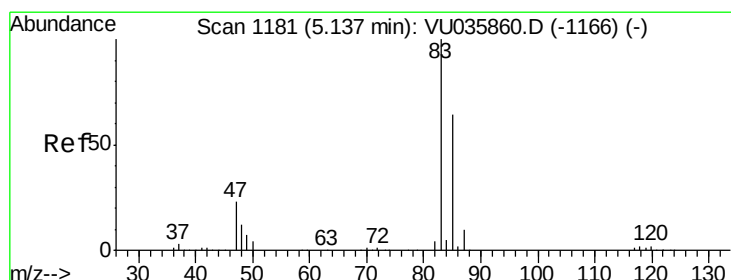
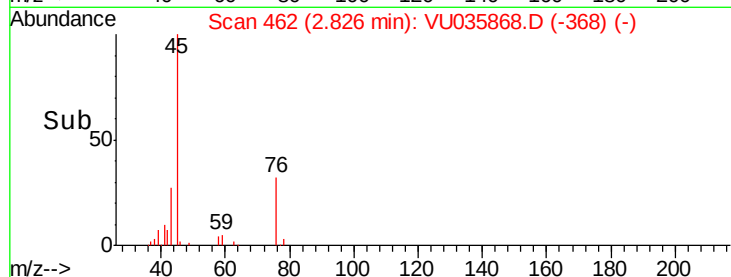
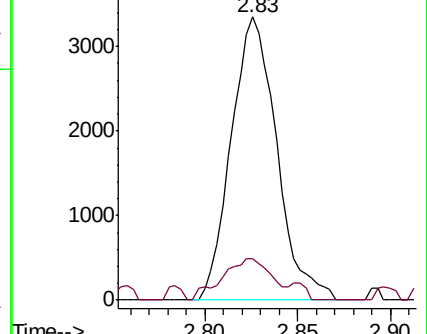
76 100

78 14.5 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU035860.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035860.D (-446) (-)



#25

Chloroform

Concen: 0.544 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035868.D

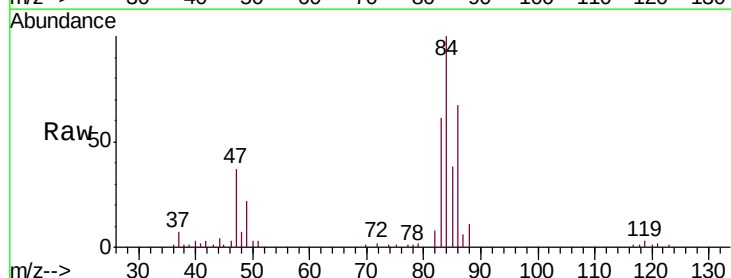
Acq: 26 Nov 2019 19:43

Tgt Ion: 83 Resp: 25880

Ion Ratio Lower Upper

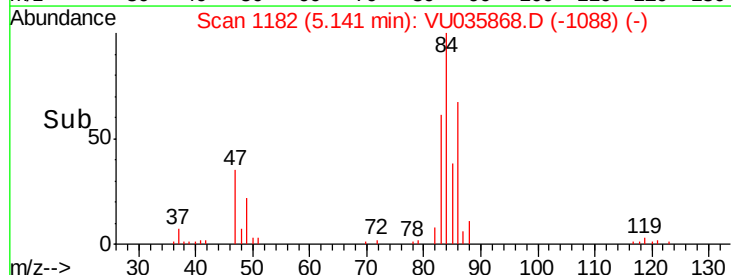
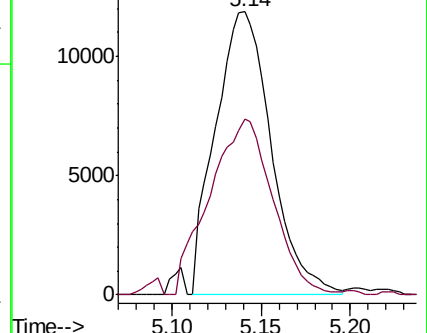
83 100

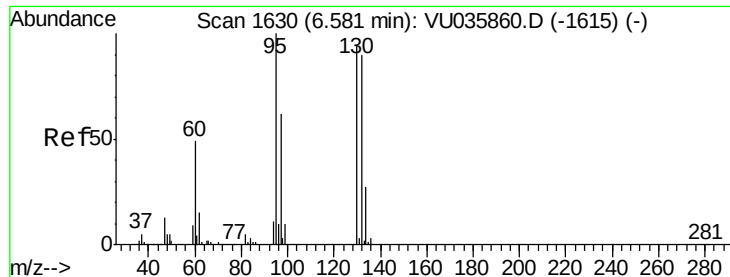
85 62.1 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035860.D (-1166) (-)

Ion 85.00 (84.70 to 85.70): VU035860.D (-1166) (-)





#34

Trichloroethene

Concen: 0.164 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035868.D

Acq: 26 Nov 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

C0AA0

Tgt Ion: 95 Resp: 4238

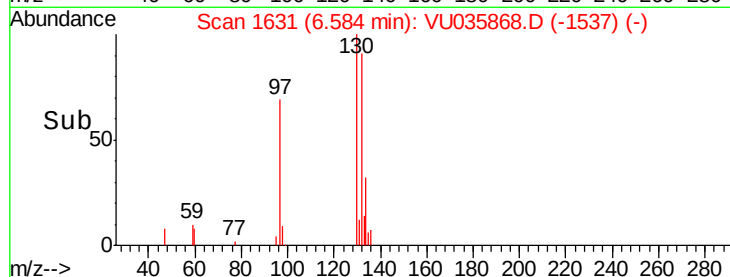
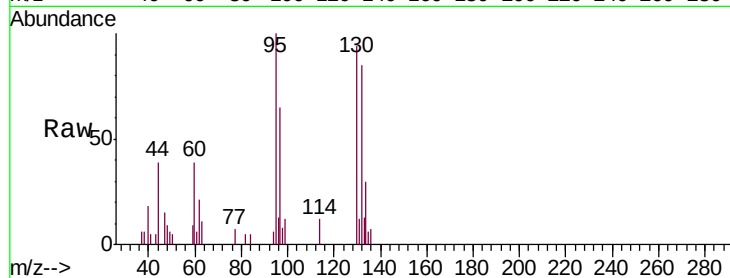
Ion Ratio Lower Upper

95 100

97 64.7 45.1 83.9

132 85.0 61.9 114.9

130 93.7 66.3 123.1

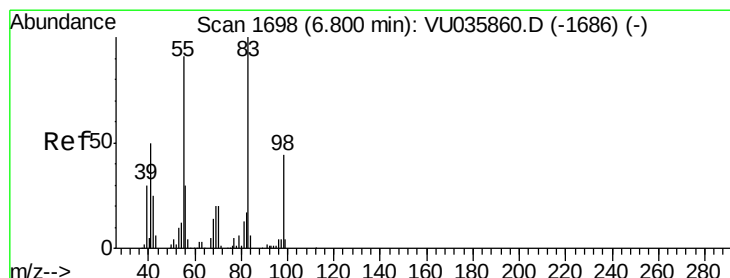
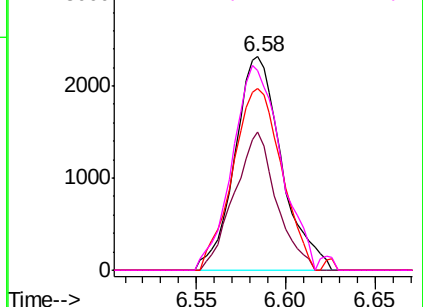


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.936 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035868.D

Acq: 26 Nov 2019 19:43

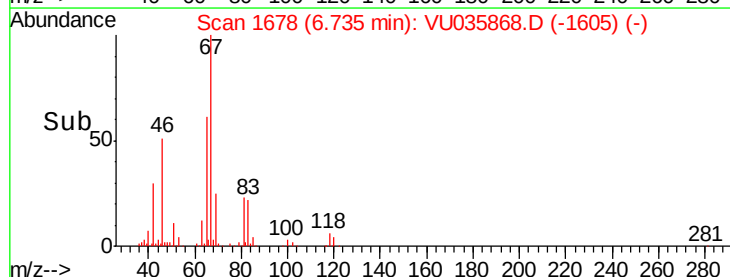
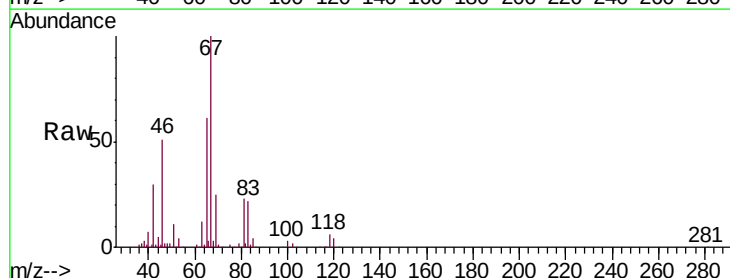
Tgt Ion: 83 Resp: 35534

Ion Ratio Lower Upper

83 100

55 0.3 72.7 109.1#

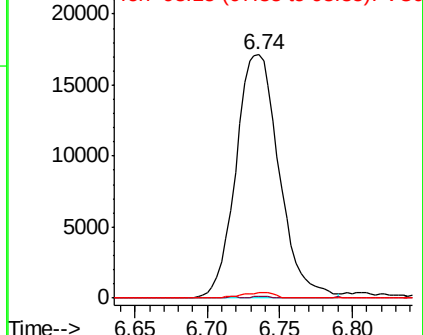
98 1.7 36.2 54.4#

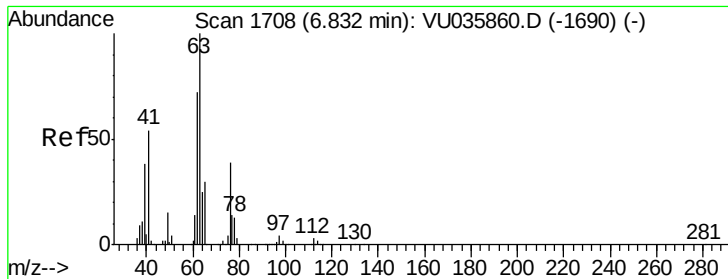


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

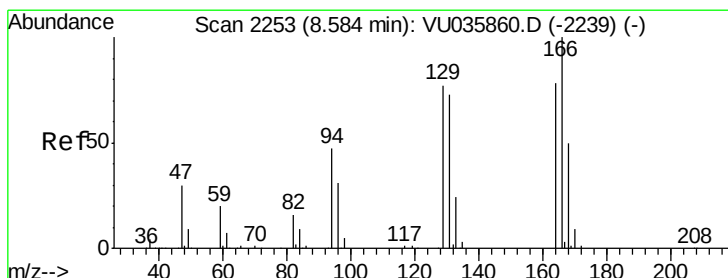
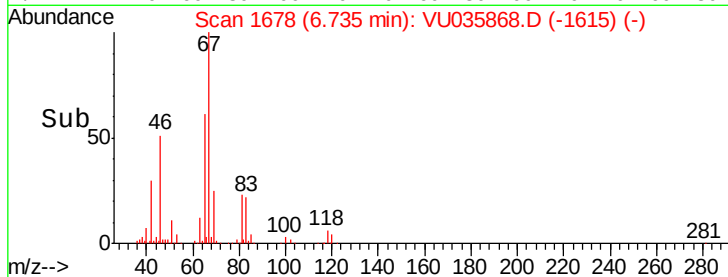
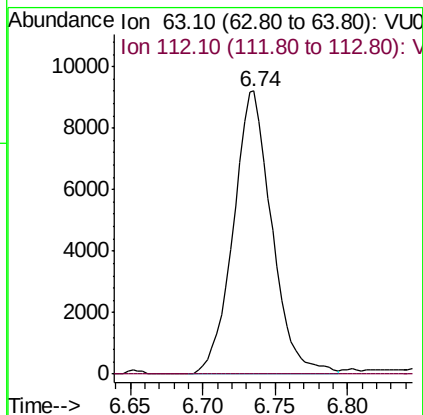
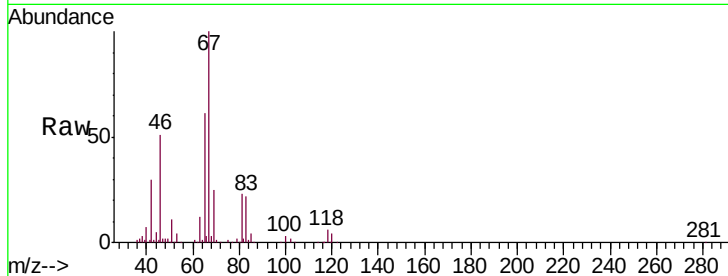




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035868.D
 Acq: 26 Nov 2019 19:43

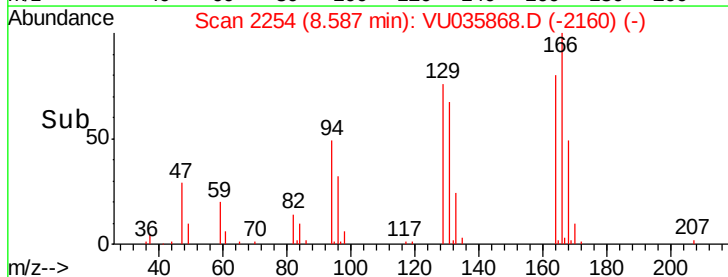
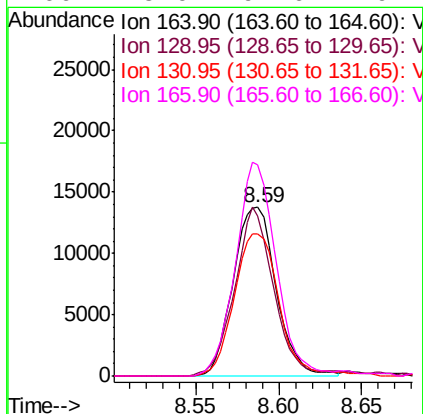
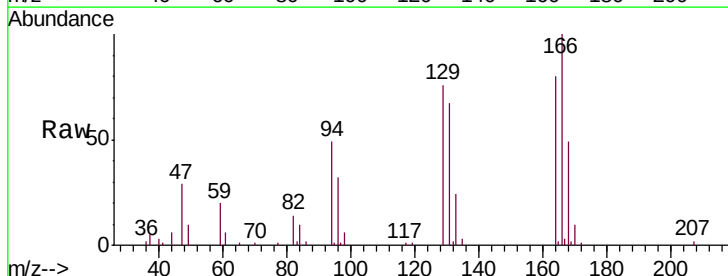
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA0

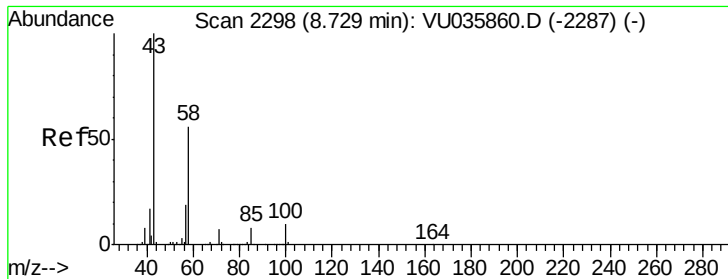
Tgt Ion: 63 Resp: 17001
 Ion Ratio Lower Upper
 63 100
 112 0.5 2.7 4.1#



#47
 Tetrachloroethene
 Concen: 1.258 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VU035868.D
 Acq: 26 Nov 2019 19:43

Tgt Ion: 164 Resp: 24745
 Ion Ratio Lower Upper
 164 100
 129 94.8 68.8 127.8
 131 83.9 67.3 124.9
 166 125.0 91.6 170.2

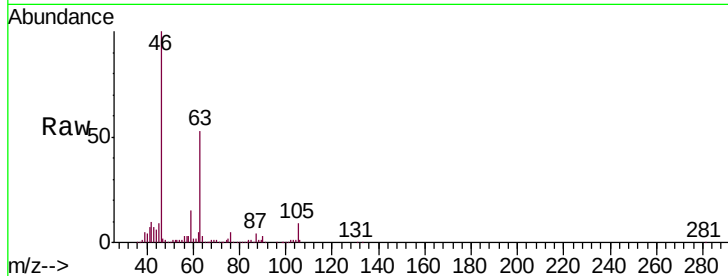




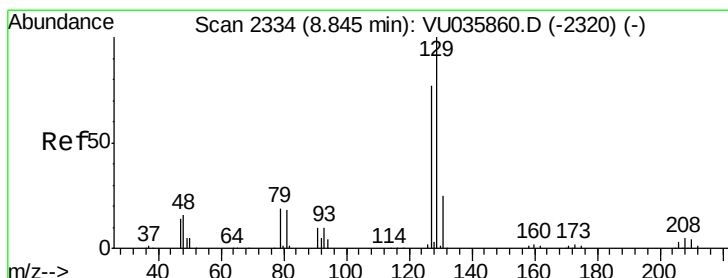
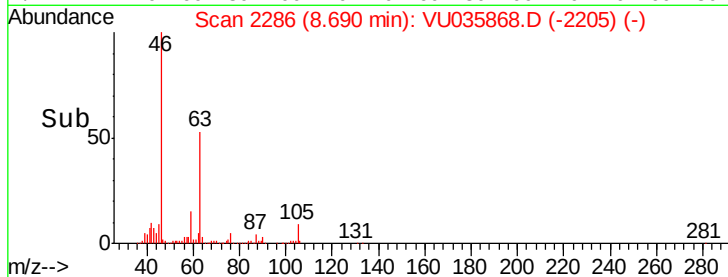
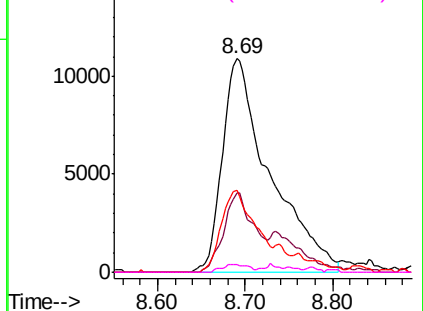
#48
 2-Hexanone
 Concen: 3.033 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. -0.04 min
 Lab File: VU035868.D
 Acq: 26 Nov 2019 19:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA0

Tgt Ion: 43 Resp: 41013
 Ion Ratio Lower Upper
 43 100
 58 24.1 39.8 59.8#
 57 27.6 14.0 21.0#
 100 2.1 7.2 10.8#

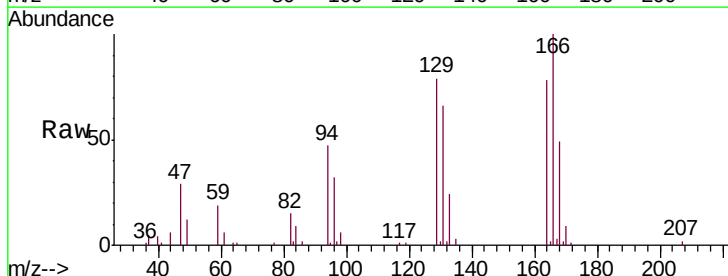


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0

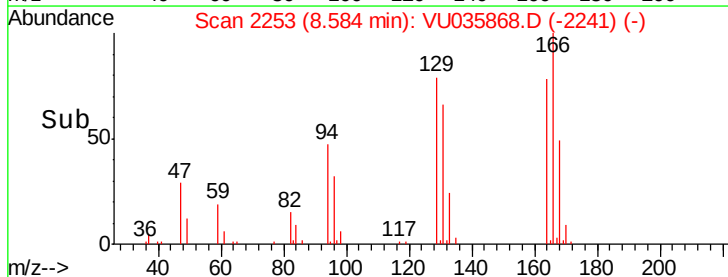
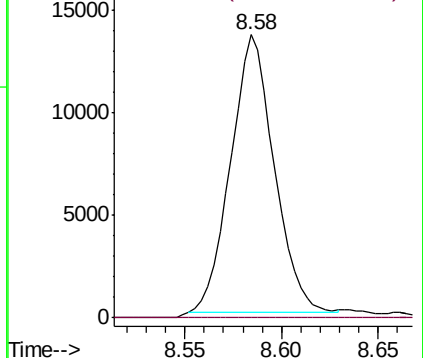


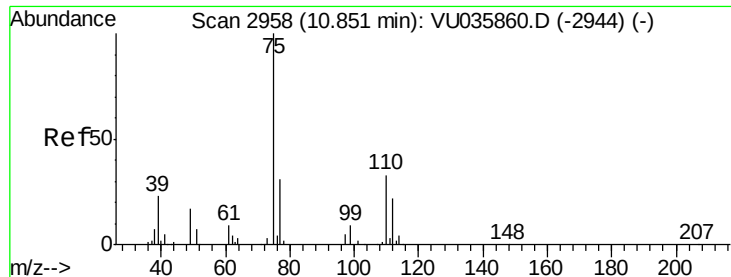
#49
 Dibromochloromethane
 Concen: 0.917 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.26 min
 Lab File: VU035868.D
 Acq: 26 Nov 2019 19:43

Tgt Ion: 129 Resp: 21078
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V
 Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.508 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035868.D

Acq: 26 Nov 2019 19:43

Instrument :

MSVOA_U

ClientSampleId :

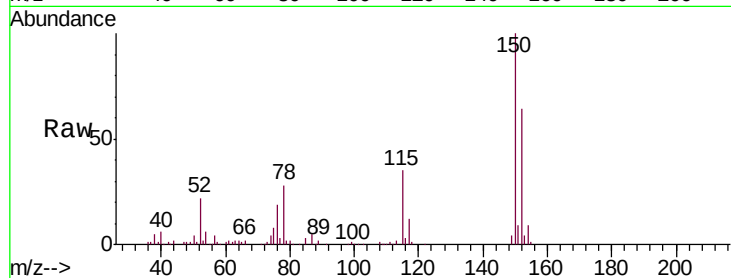
C0AA0

Tgt Ion: 75 Resp: 9873

Ion Ratio Lower Upper

75 100

77 40.5 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

