

Data File : VU035866.D
Acq On : 26 Nov 2019 18:54
Operator : JC/SP
Sample : K6057-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Quant Time: Nov 27 03:20:17 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	220134	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	245654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	72562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	149692	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.93	69	132608	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.59	63	179079	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.69	46	318610	47.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.76%
24) Chloroform-d	5.12	84	228939	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	136519	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.77	84	453720	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.73	67	157300	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	386272	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.22	79	56832	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.69	63	289198	58.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.10%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	132082	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	88870	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

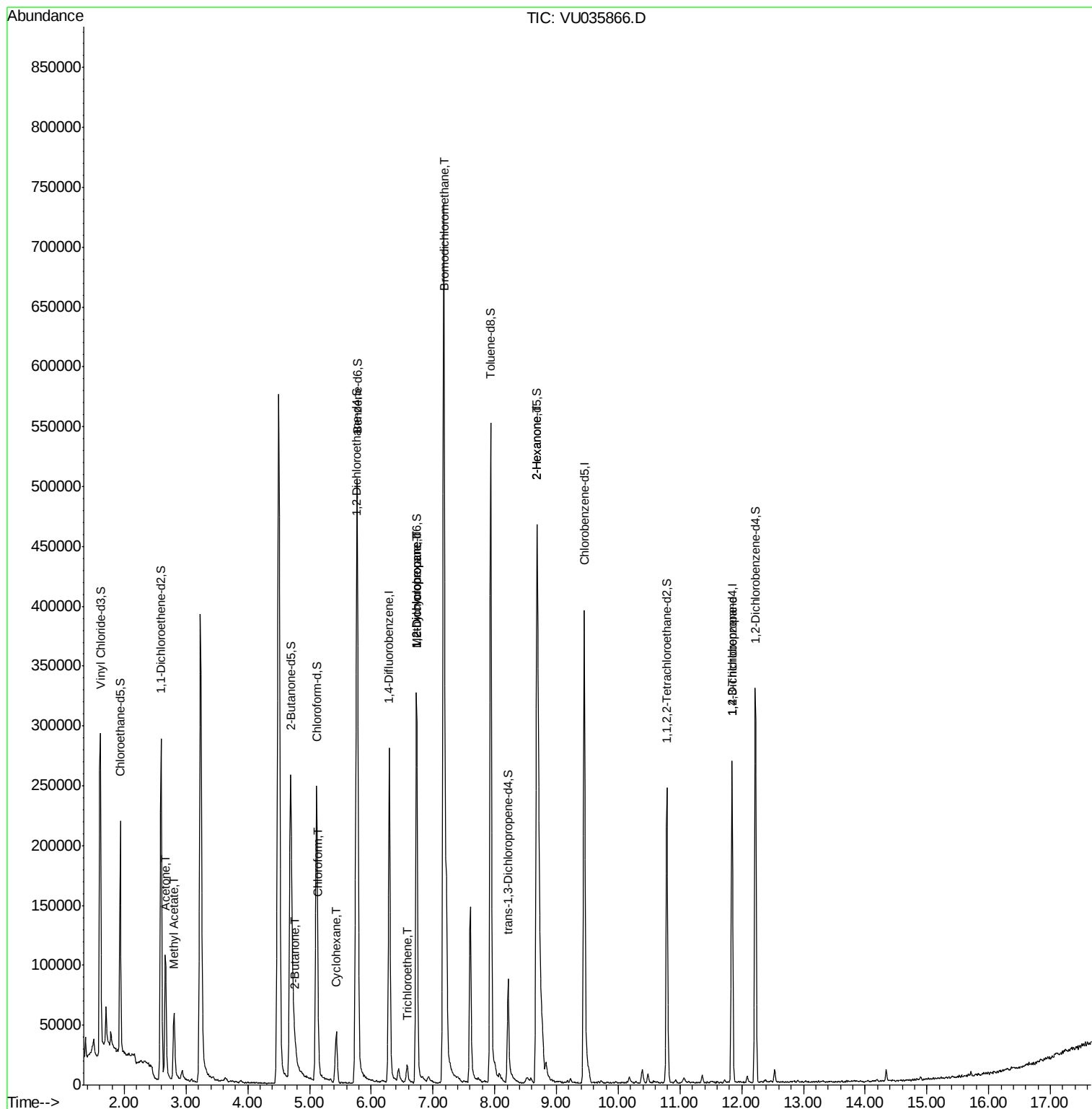
					Qvalue
13) Acetone	2.67	43	124405	21.285 ug/L	99
15) Methyl Acetate	2.81	43	18664	1.593 ug/L #	53
21) 2-Butanone	4.77	43	24416	3.301 ug/L	82
25) Chloroform	5.14	83	13853	0.281 ug/L	90
30) Cyclohexane	5.43	56	18031	0.465 ug/L	92
34) Trichloroethene	6.59	95	4586	0.182 ug/L	90
35) Methylcyclohexane	6.73	83	34127	0.925 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16650	0.573 ug/L #	91
38) Bromodichloromethane	7.17	83	12643	0.363 ug/L #	1
48) 2-Hexanone	8.69	43	49071	3.733 ug/L #	61
59) 1,2,3-Trichloropropane	11.84	75	9942	0.526 ug/L	92

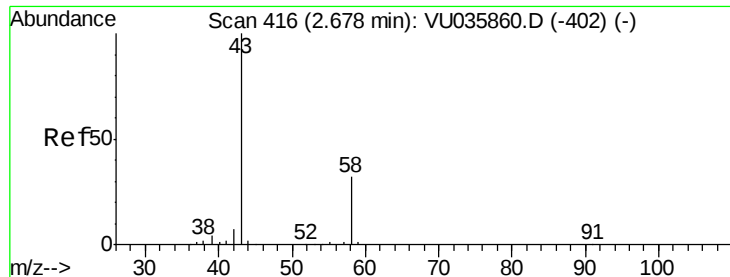
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.285 ug/L

RT: 2.67 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU035866.D

Acq: 26 Nov 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

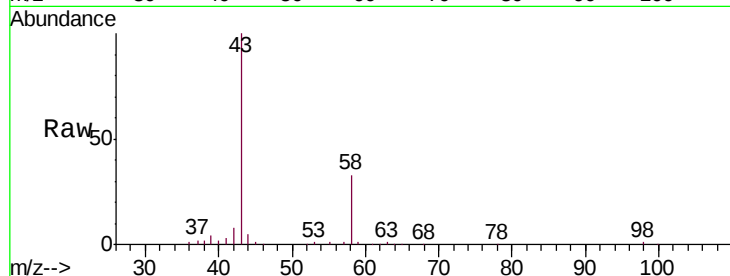
C0AB1

Tgt Ion: 43 Resp: 124405

Ion Ratio Lower Upper

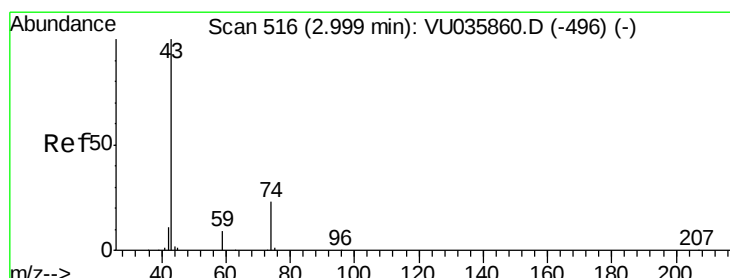
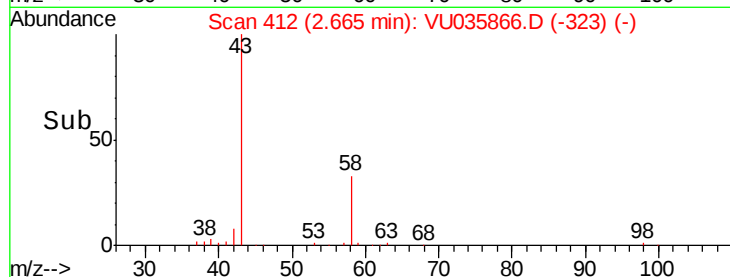
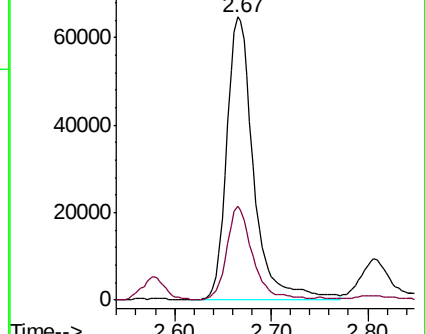
43 100

58 31.3 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 1.593 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.19 min

Lab File: VU035866.D

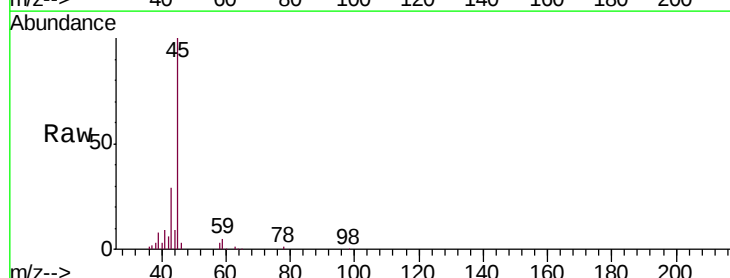
Acq: 26 Nov 2019 18:54

Tgt Ion: 43 Resp: 18664

Ion Ratio Lower Upper

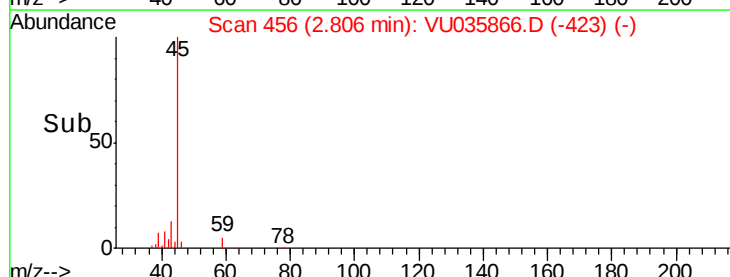
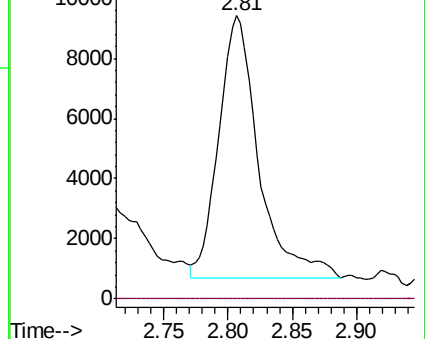
43 100

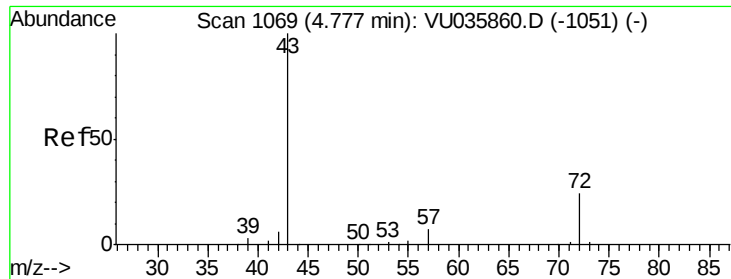
74 0.0 18.2 27.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0





#21

2-Butanone

Concen: 3.301 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VU035866.D

Acq: 26 Nov 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

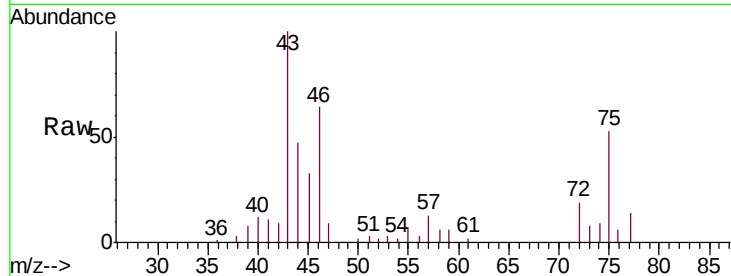
C0AB1

Tgt Ion: 43 Resp: 24416

Ion Ratio Lower Upper

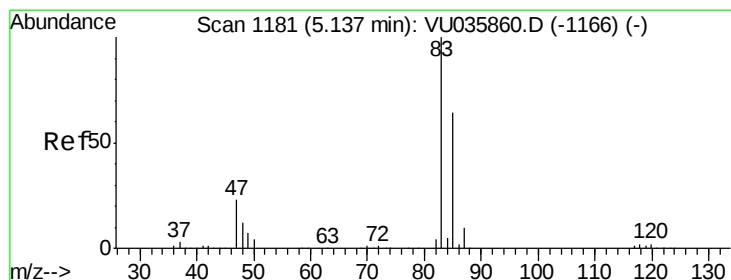
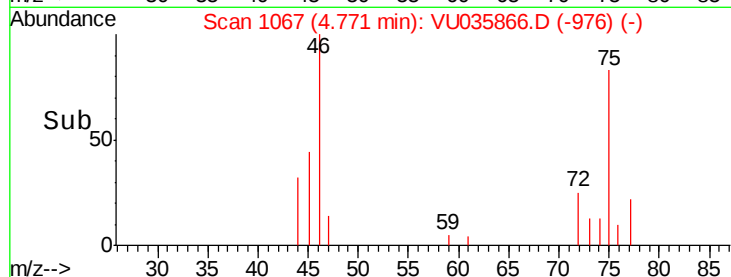
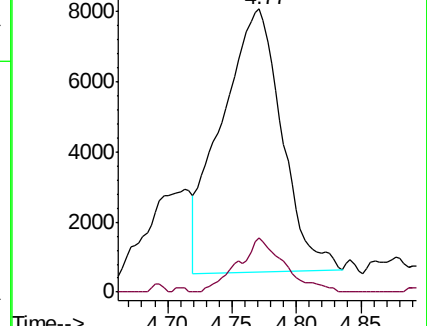
43 100

72 16.0 12.4 37.4



Abundance Ion 43.05 (42.75 to 43.75): VU035866.D (-1051) (-)

Ion 72.10 (71.80 to 72.80): VU035866.D (-1051) (-)



#25

Chloroform

Concen: 0.281 ug/L

RT: 5.14 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VU035866.D

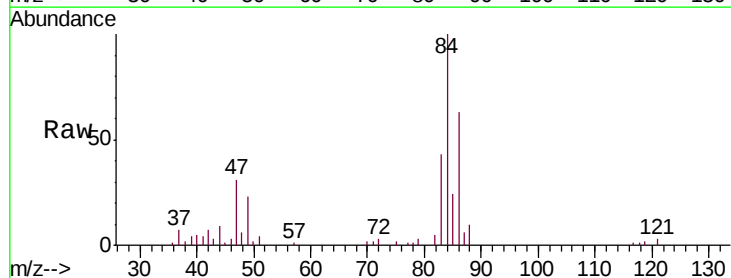
Acq: 26 Nov 2019 18:54

Tgt Ion: 83 Resp: 13853

Ion Ratio Lower Upper

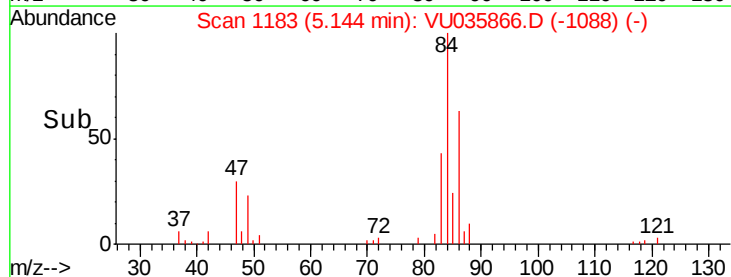
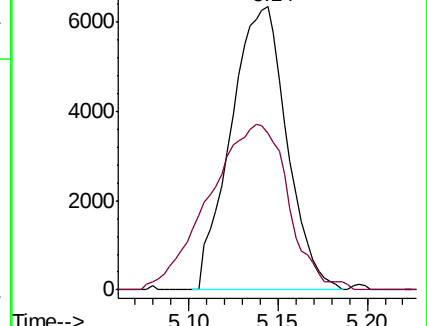
83 100

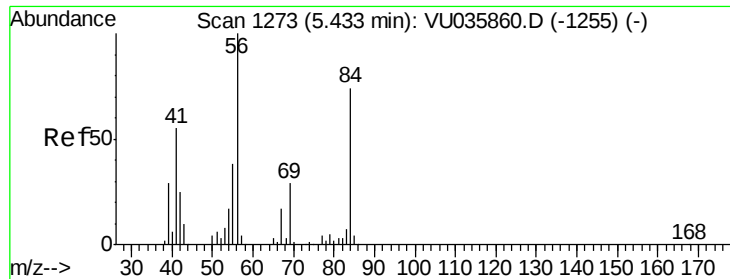
85 55.6 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035866.D (-1166) (-)

Ion 85.00 (84.70 to 85.70): VU035866.D (-1166) (-)

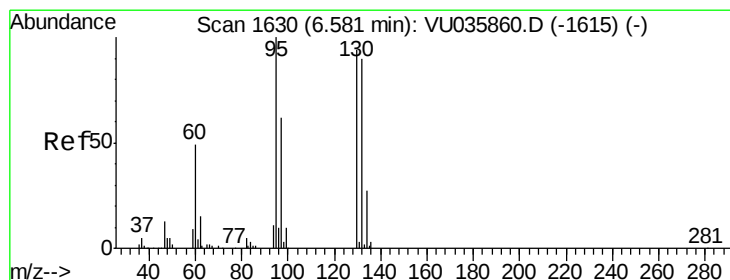
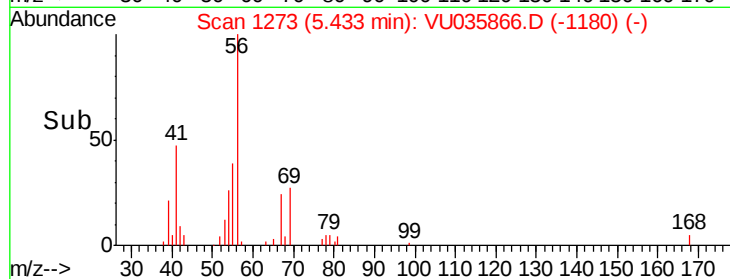
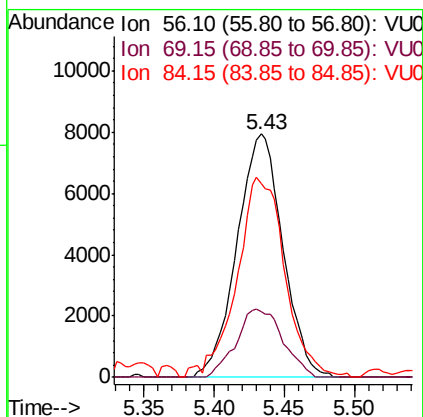
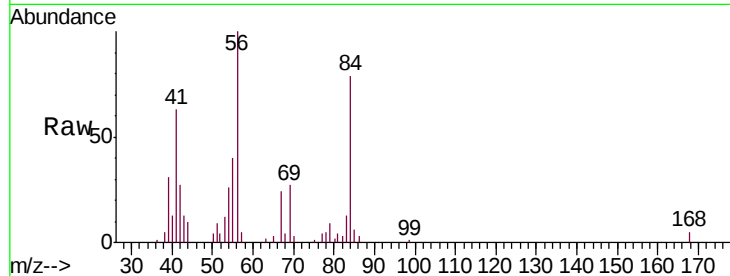




#30
Cyclohexane
Concen: 0.465 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU035866.D
Acq: 26 Nov 2019 18:54

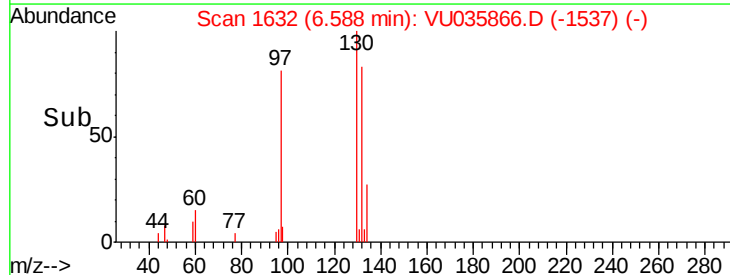
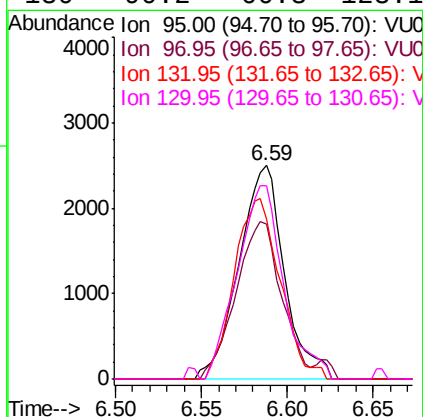
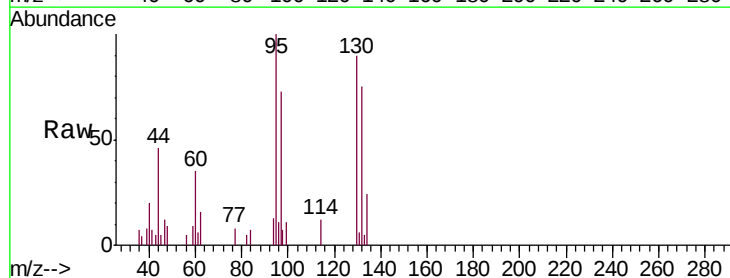
Instrument :
MSVOA_U
ClientSampled :
C0AB1

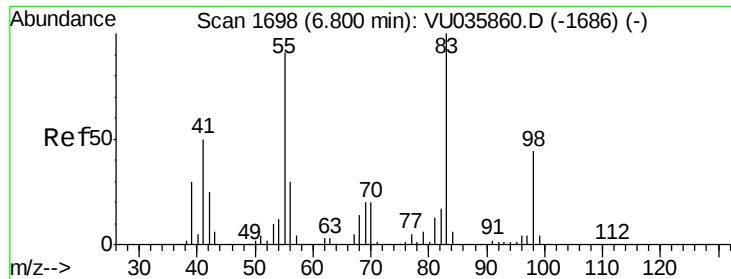
Tgt Ion: 56 Resp: 18031
Ion Ratio Lower Upper
56 100
69 28.4 24.0 36.0
84 86.4 62.1 93.1



#34
Trichloroethene
Concen: 0.182 ug/L
RT: 6.59 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VU035866.D
Acq: 26 Nov 2019 18:54

Tgt Ion: 95 Resp: 4586
Ion Ratio Lower Upper
95 100
97 72.7 45.1 83.9
132 75.2 61.9 114.9
130 90.2 66.3 123.1

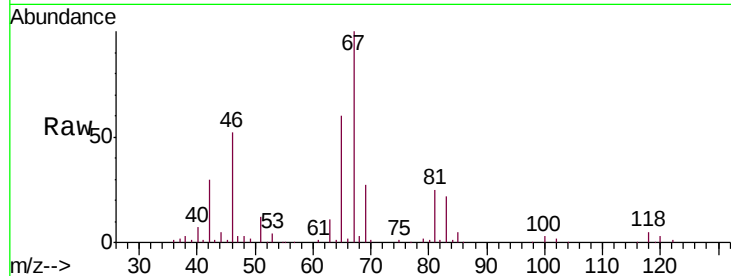




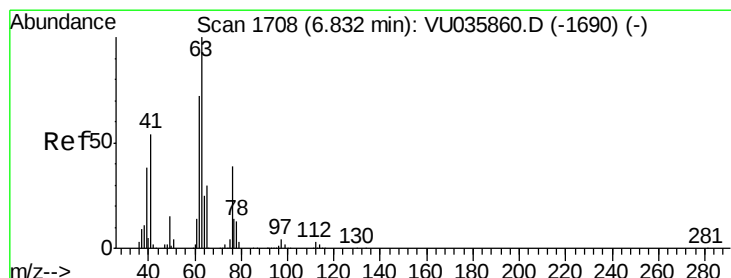
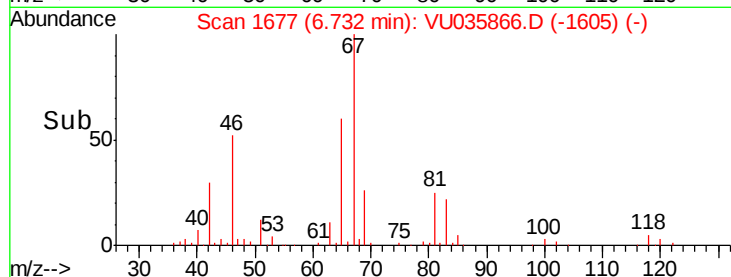
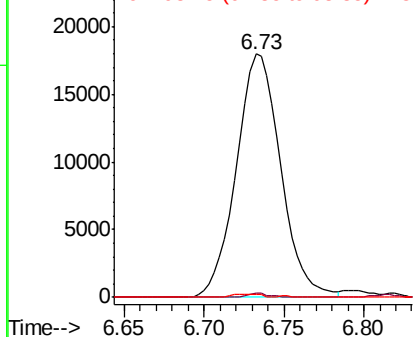
#35
Methylcyclohexane
Concen: 0.925 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035866.D
Acq: 26 Nov 2019 18:54

Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Tgt Ion: 83 Resp: 34127
Ion Ratio Lower Upper
83 100
55 0.8 72.7 109.1#
98 0.9 36.2 54.4#

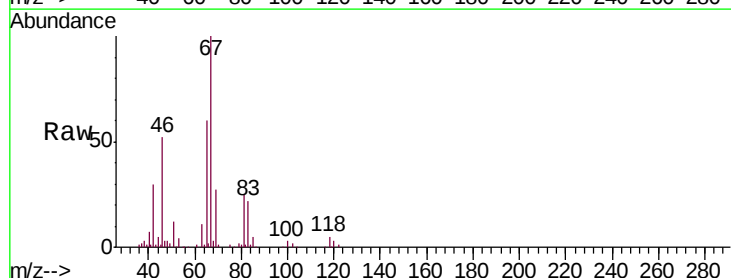


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

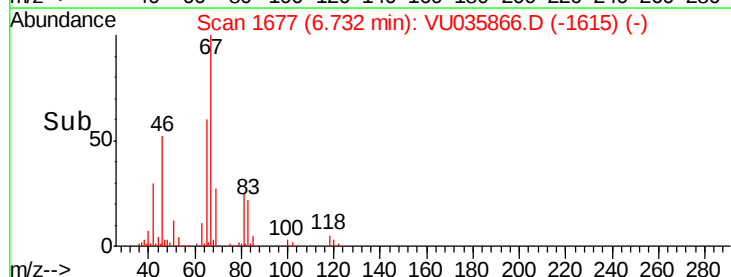
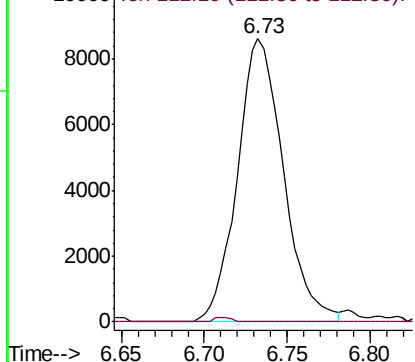


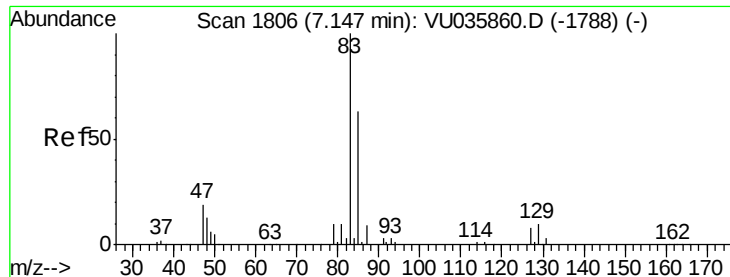
#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035866.D
Acq: 26 Nov 2019 18:54

Tgt Ion: 63 Resp: 16650
Ion Ratio Lower Upper
63 100
112 0.6 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.363 ug/L

RT: 7.17 min Scan# 1814

Delta R.T. 0.03 min

Lab File: VU035866.D

Acq: 26 Nov 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

C0AB1

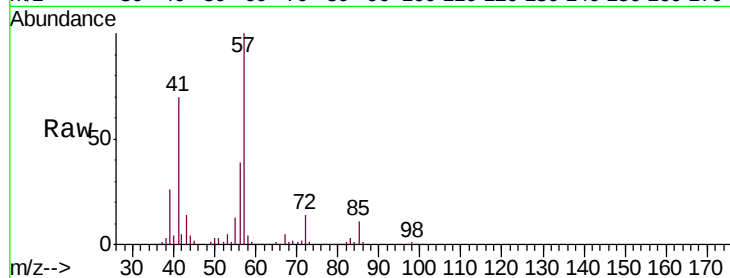
Tgt Ion: 83 Resp: 12643

Ion Ratio Lower Upper

83 100

85 365.8 45.6 84.8#

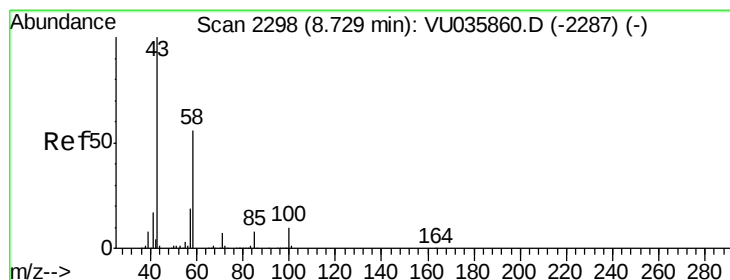
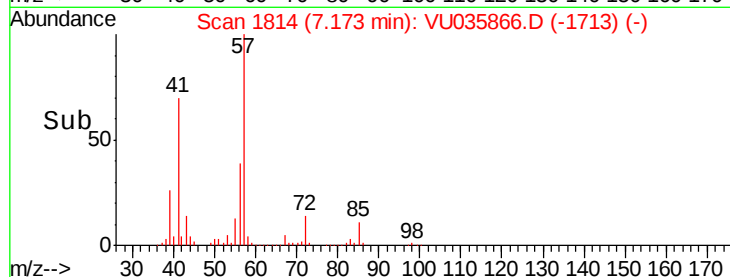
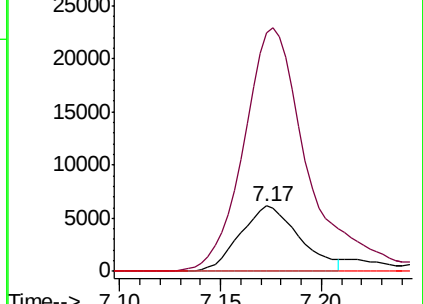
127 0.0 6.0 9.0#



Abundance Ion 82.95 (82.65 to 83.65): VU035866.D (-1788) (-)

Ion 85.00 (84.70 to 85.70): VU035866.D (-1788) (-)

Ion 126.90 (126.60 to 127.60): VU035866.D (-1788) (-)



#48

2-Hexanone

Concen: 3.733 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.04 min

Lab File: VU035866.D

Acq: 26 Nov 2019 18:54

Tgt Ion: 43 Resp: 49071

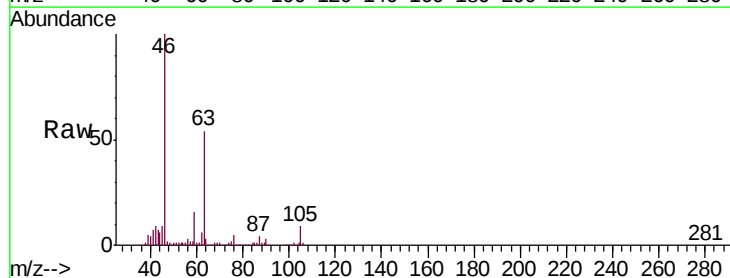
Ion Ratio Lower Upper

43 100

58 16.4 39.8 59.8#

57 27.0 14.0 21.0#

100 1.0 7.2 10.8#

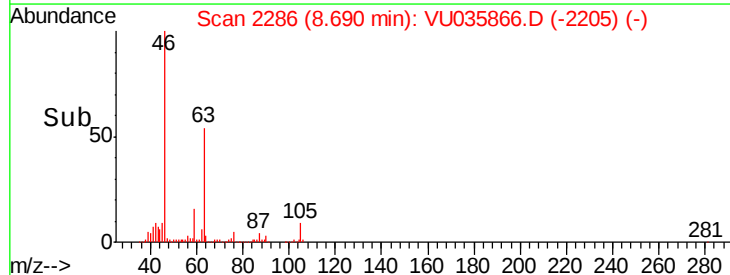
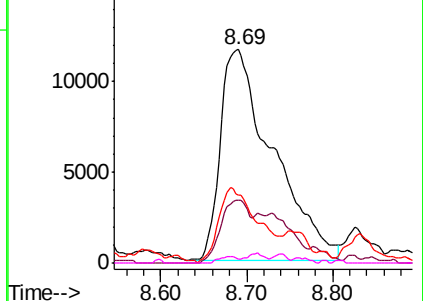


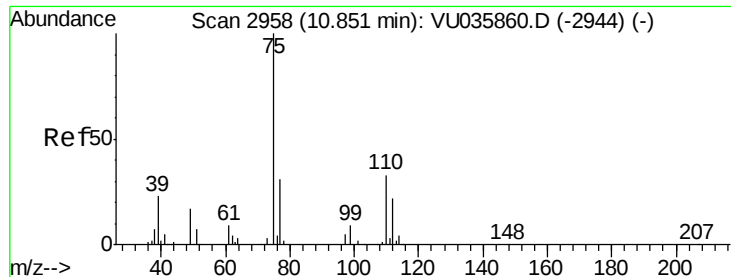
Abundance Ion 43.05 (42.75 to 43.75): VU035866.D (-2205) (-)

Ion 58.05 (57.75 to 58.75): VU035866.D (-2205) (-)

Ion 57.20 (56.90 to 57.90): VU035866.D (-2205) (-)

Ion 100.15 (99.85 to 100.85): VU035866.D (-2205) (-)





#59

1,2,3-Trichloropropane

Concen: 0.526 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035866.D

Acq: 26 Nov 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

C0AB1

Tgt Ion: 75 Resp: 9942

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2

