

Data File : VU035869.D
Acq On : 26 Nov 2019 20:07
Operator : JC/SP
Sample : K6057-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA1

Quant Time: Nov 27 03:20:51 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	6.30	114	216337	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	70662	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	144553	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.94	69	134027	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.59	63	176523	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.69	46	298673	45.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.34%
24) Chloroform-d	5.12	84	227025	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.75	65	133686	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.77	84	450407	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.74	67	152147	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.93	98	343182	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.22	79	48401	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.69	63	238035	47.29	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.58%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	123132	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	82734	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

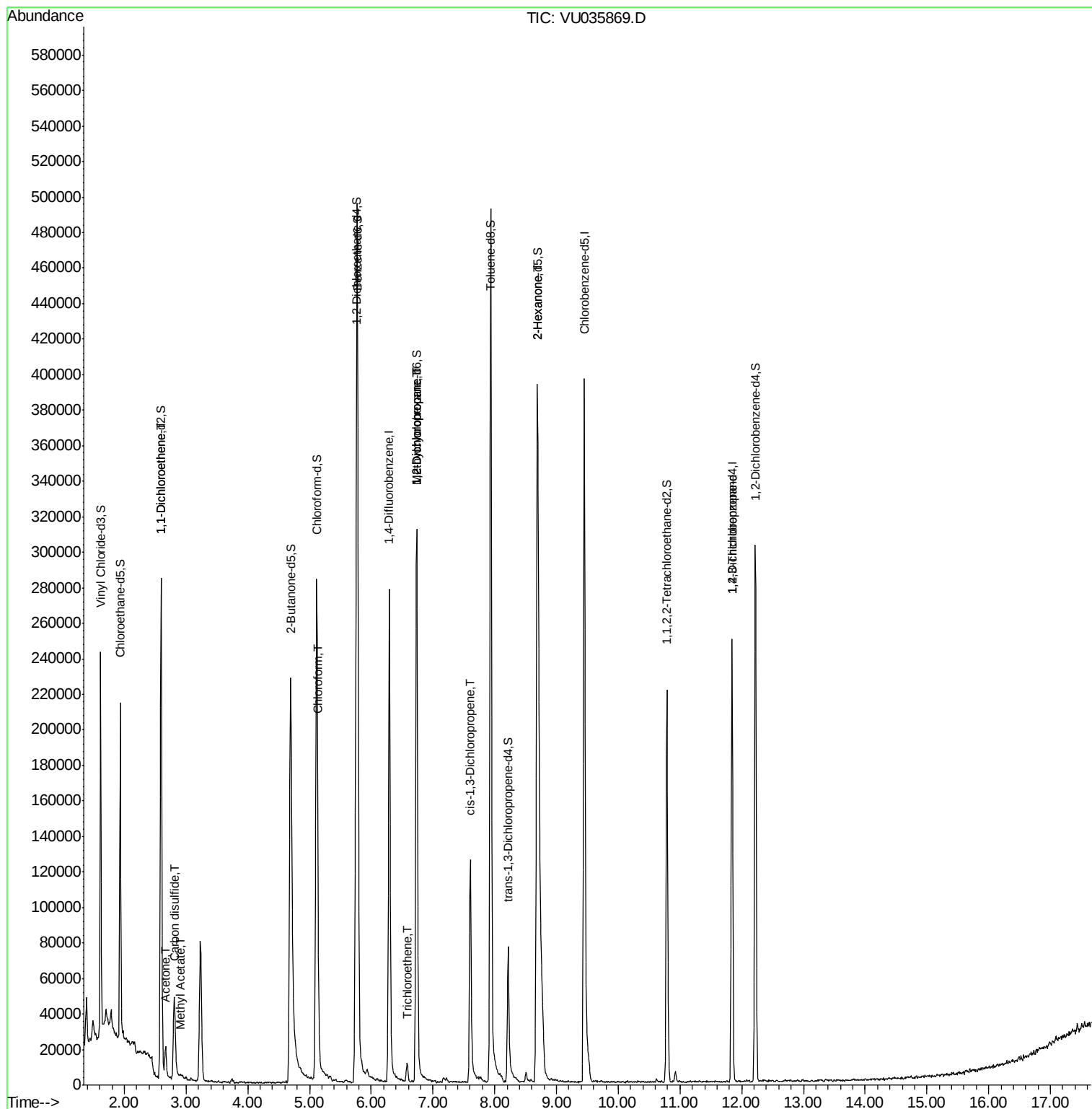
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1553	0.069 ug/L #	1
13) Acetone	2.67	43	19006	3.309 ug/L	91
14) Carbon disulfide	2.83	76	13709	0.183 ug/L	98
15) Methyl Acetate	2.91	43	2556	0.222 ug/L #	53
25) Chloroform	5.14	83	8922	0.184 ug/L	99
34) Trichloroethene	6.58	95	3028	0.118 ug/L	89
35) Methylcyclohexane	6.73	83	33146	0.882 ug/L #	14
37) 1,2-Dichloropropane	6.74	63	16642	0.562 ug/L #	91
39) cis-1,3-Dichloropropene	7.61	75	3381	0.088 ug/L #	25
48) 2-Hexanone	8.69	43	40994	3.060 ug/L #	80
59) 1,2,3-Trichloropropane	11.84	75	9105	0.473 ug/L	91

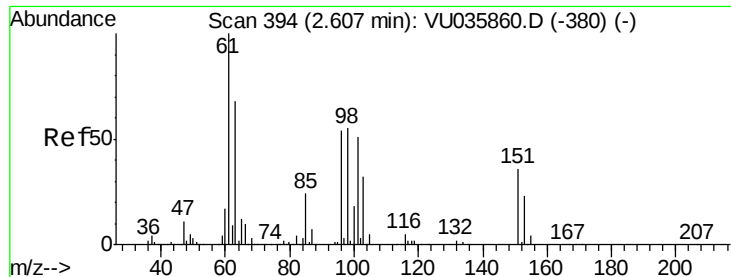
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
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#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035869.D

Acq: 26 Nov 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

C0AA1

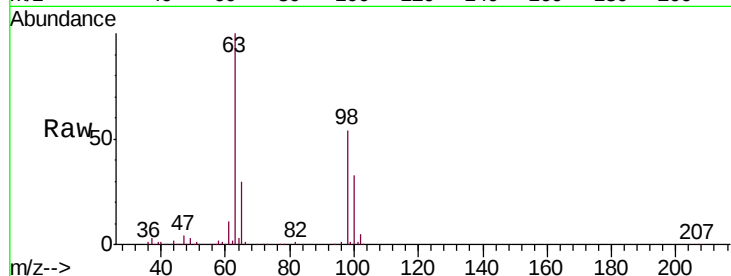
Tgt Ion: 96 Resp: 1553

Ion Ratio Lower Upper

96 100

61 1278.8 139.3 258.7#

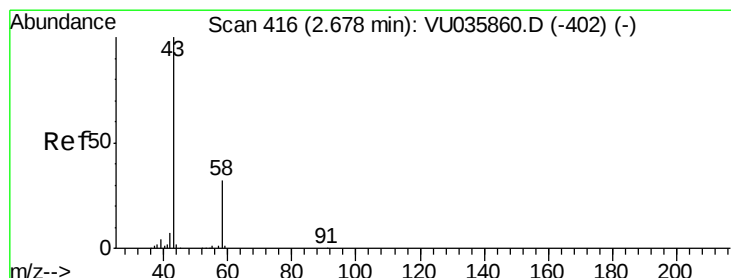
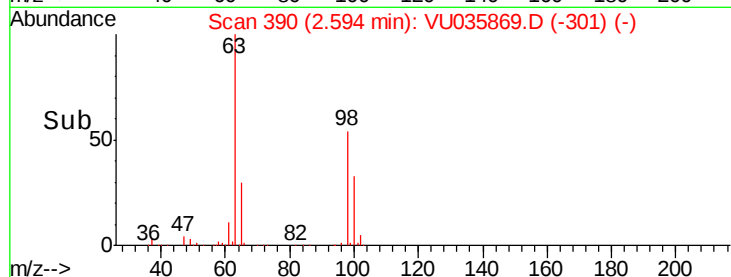
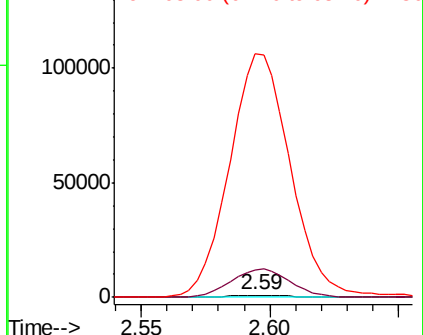
63 11212.7 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035869.D (-390) (-)

Ion 61.05 (60.75 to 61.75): VU035869.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU035869.D (-390) (-)



#13

Acetone

Concen: 3.309 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035869.D

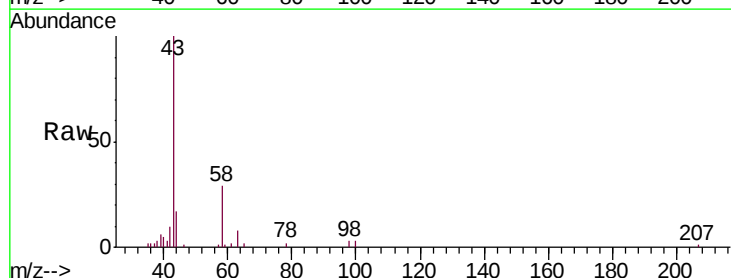
Acq: 26 Nov 2019 20:07

Tgt Ion: 43 Resp: 19006

Ion Ratio Lower Upper

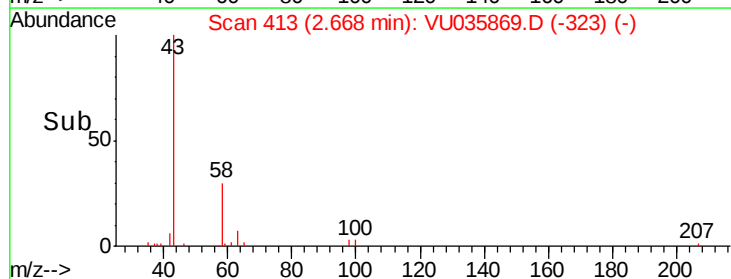
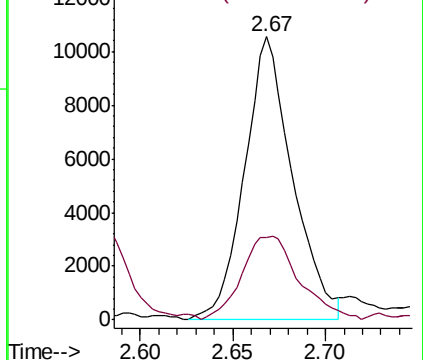
43 100

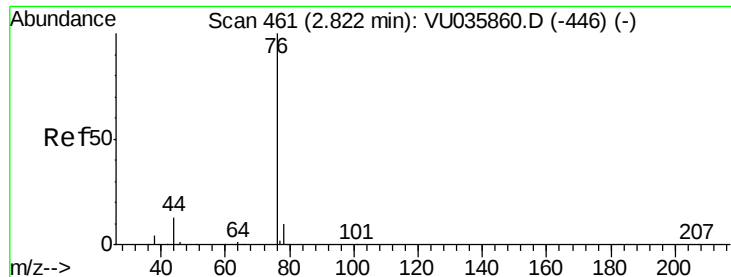
58 35.3 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035869.D (-413) (-)

Ion 58.05 (57.75 to 58.75): VU035869.D (-413) (-)





#14

Carbon disulfide

Concen: 0.183 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035869.D

Acq: 26 Nov 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

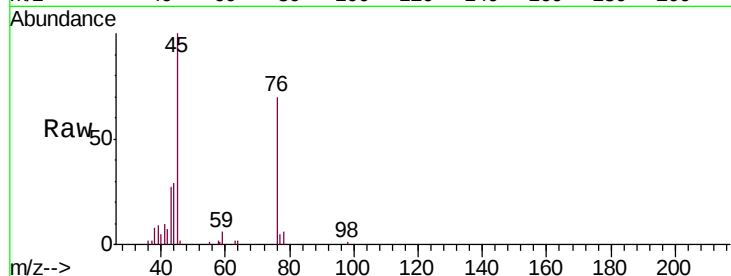
C0AA1

Tgt Ion: 76 Resp: 13709

Ion Ratio Lower Upper

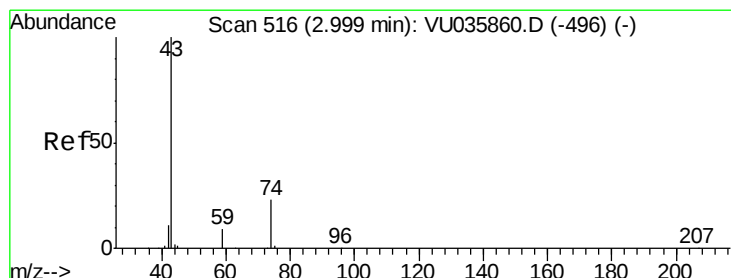
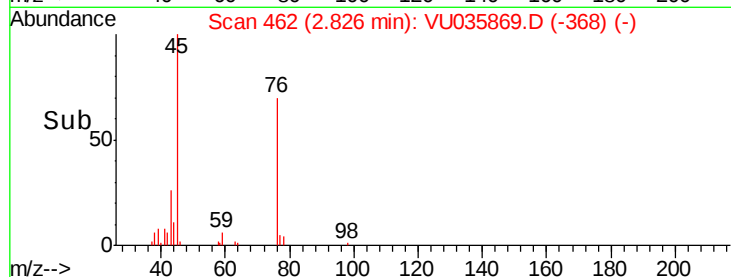
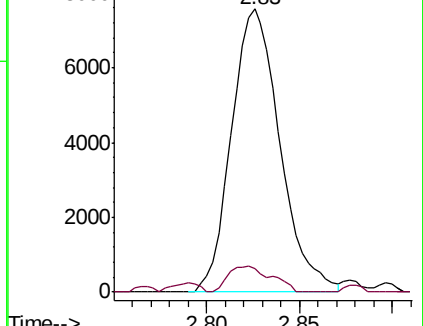
76 100

78 8.5 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) (-)



#15

Methyl Acetate

Concen: 0.222 ug/L

RT: 2.91 min Scan# 488

Delta R.T. -0.09 min

Lab File: VU035869.D

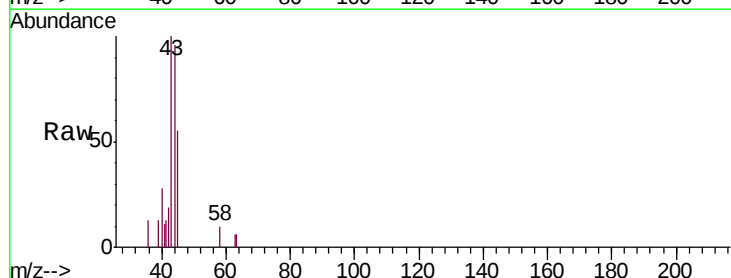
Acq: 26 Nov 2019 20:07

Tgt Ion: 43 Resp: 2556

Ion Ratio Lower Upper

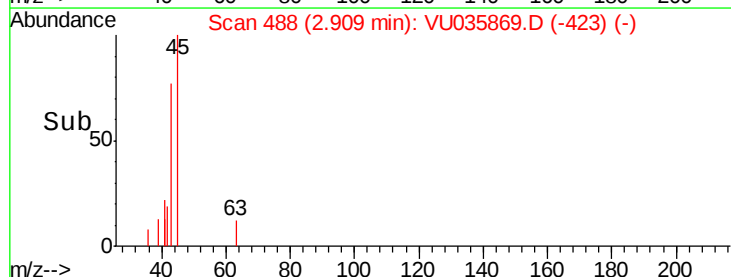
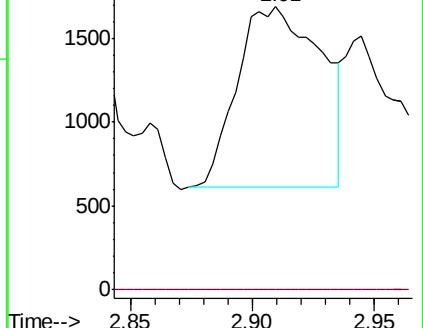
43 100

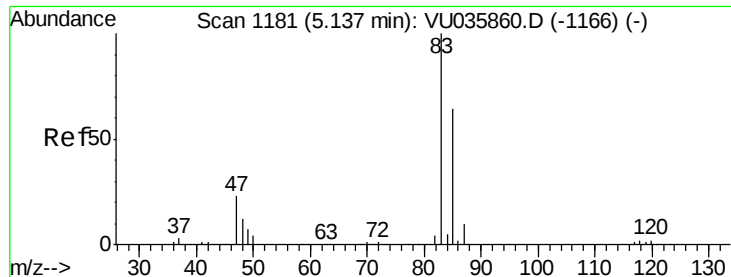
74 0.0 18.2 27.4#



Abundance Ion 43.05 (42.75 to 43.75): VU035860.D (-496) (-)

Ion 74.05 (73.75 to 74.75): VU035860.D (-496) (-)

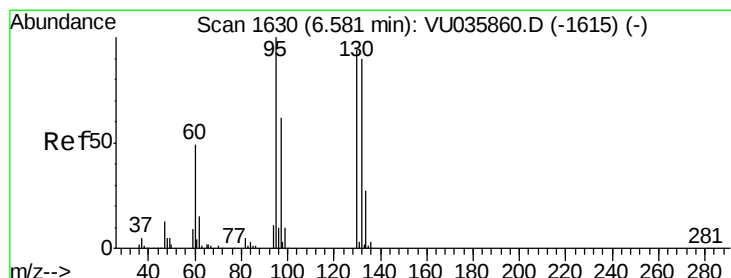
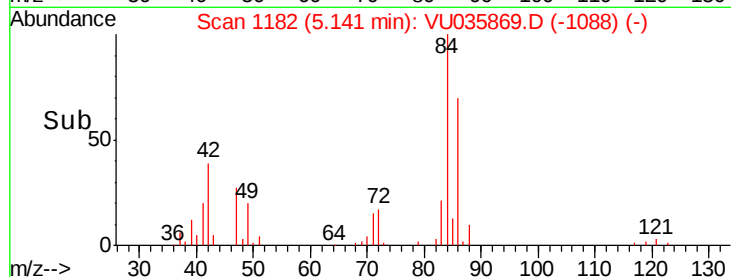
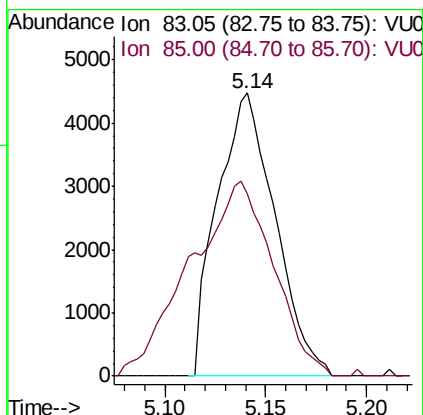
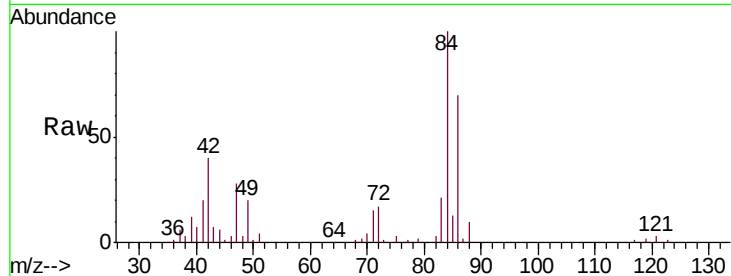




#25
Chloroform
Concen: 0.184 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035869.D
Acq: 26 Nov 2019 20:07

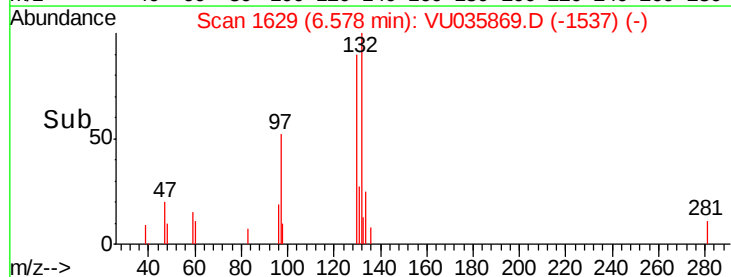
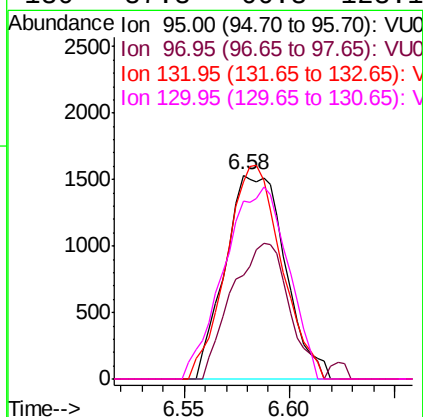
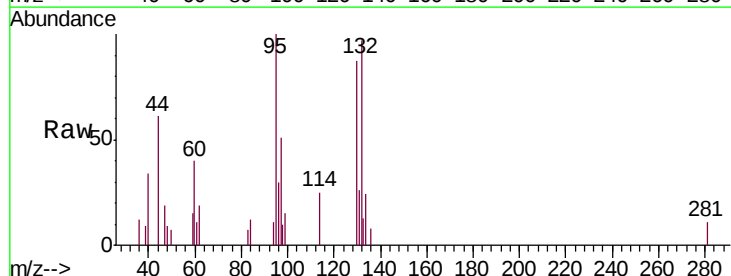
Instrument :
MSVOA_U
ClientSampled :
C0AA1

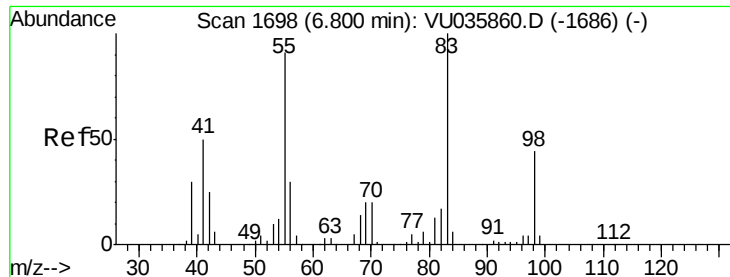
Tgt Ion: 83 Resp: 8922
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8



#34
Trichloroethene
Concen: 0.118 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU035869.D
Acq: 26 Nov 2019 20:07

Tgt Ion: 95 Resp: 3028
Ion Ratio Lower Upper
95 100
97 50.8 45.1 83.9
132 96.7 61.9 114.9
130 87.3 66.3 123.1





#35

Methylcyclohexane

Concen: 0.882 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035869.D

Acq: 26 Nov 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

C0AA1

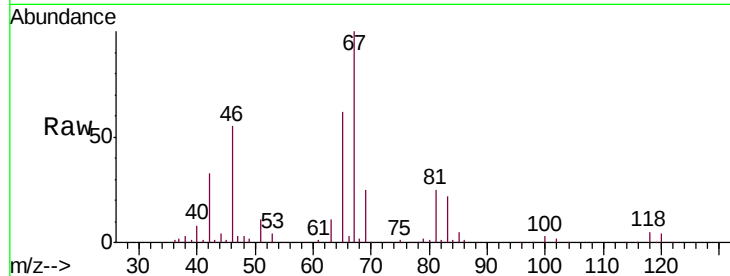
Tgt Ion: 83 Resp: 33146

Ion Ratio Lower Upper

83 100

55 0.4 72.7 109.1#

98 0.6 36.2 54.4#

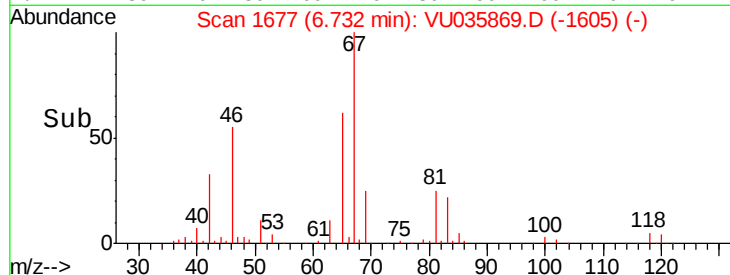


Abundance Ion 83.15 (82.85 to 83.85): VU035869.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU035869.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU035869.D (-1677) (-)

Time-->



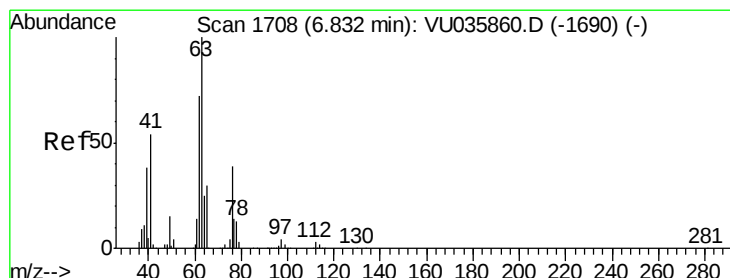
Abundance

Ion 83.15 (82.85 to 83.85): VU035869.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU035869.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU035869.D (-1677) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.562 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035869.D

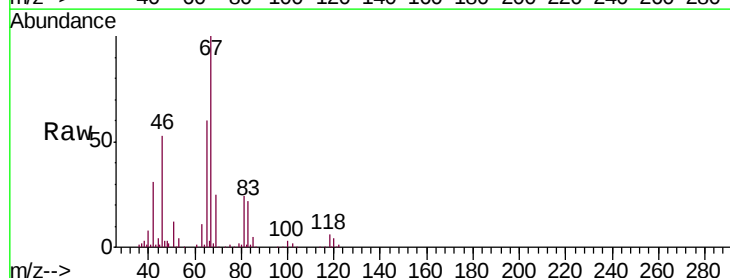
Acq: 26 Nov 2019 20:07

Tgt Ion: 63 Resp: 16642

Ion Ratio Lower Upper

63 100

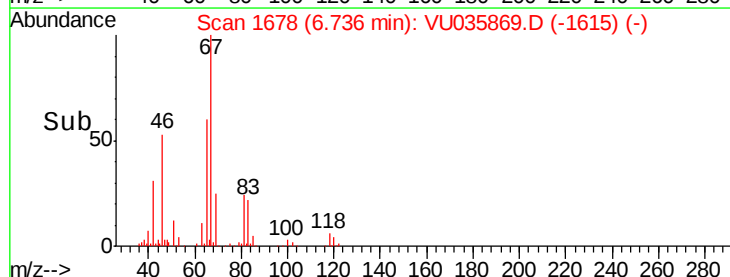
112 0.3 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU035869.D (-1678) (-)

Ion 112.10 (111.80 to 112.80): VU035869.D (-1678) (-)

Time-->

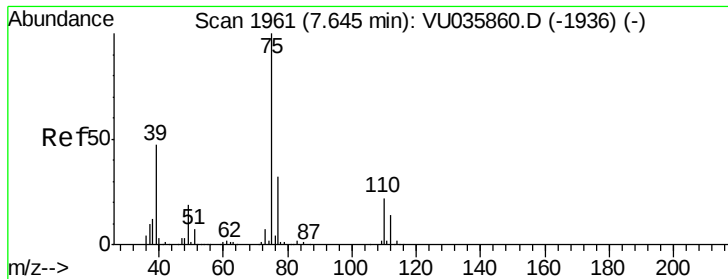


Abundance

Ion 63.10 (62.80 to 63.80): VU035869.D (-1678) (-)

Ion 112.10 (111.80 to 112.80): VU035869.D (-1678) (-)

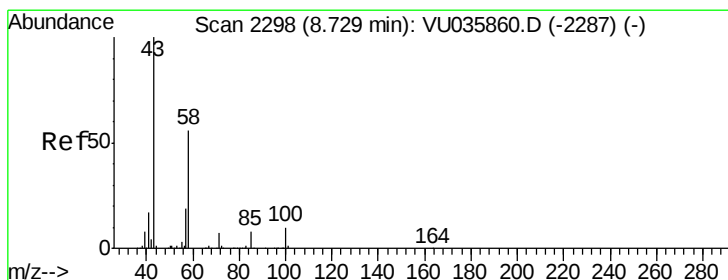
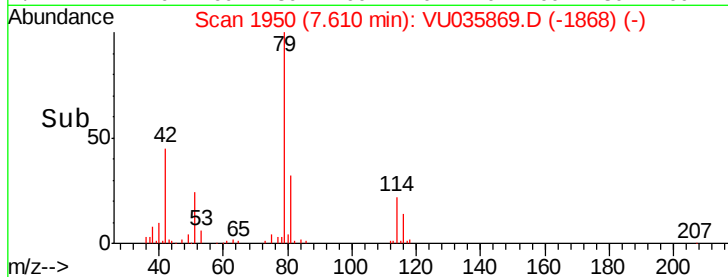
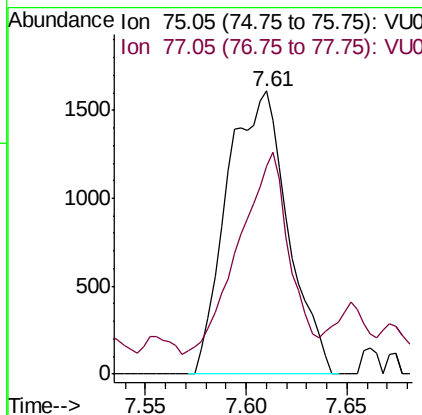
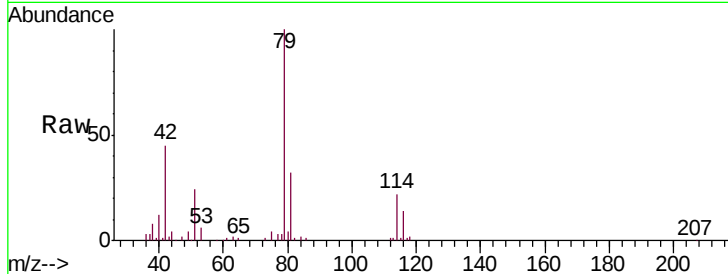
Time-->



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.61 min Scan# 1950
 Delta R.T. -0.04 min
 Lab File: VU035869.D
 Acq: 26 Nov 2019 20:07

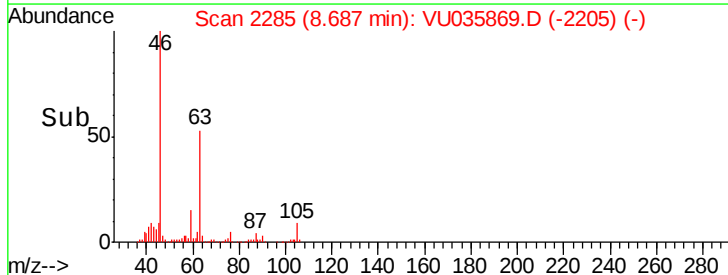
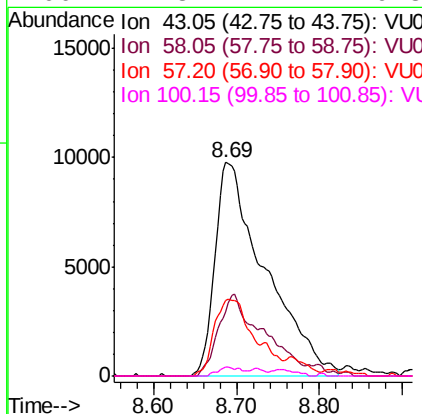
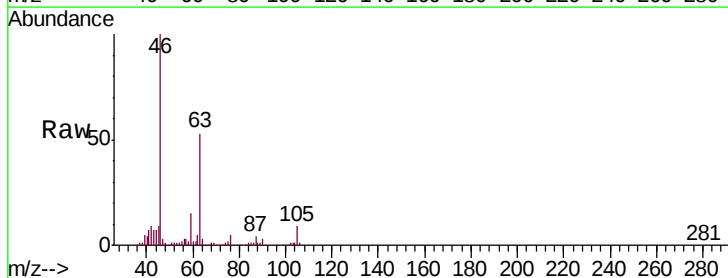
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA1

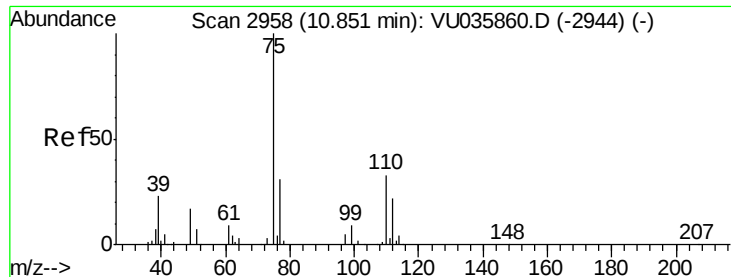
Tgt Ion: 75 Resp: 3381
 Ion Ratio Lower Upper
 75 100
 77 73.3 22.1 41.1#



#48
 2-Hexanone
 Concen: 3.060 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: VU035869.D
 Acq: 26 Nov 2019 20:07

Tgt Ion: 43 Resp: 40994
 Ion Ratio Lower Upper
 43 100
 58 34.8 39.8 59.8#
 57 25.0 14.0 21.0#
 100 1.8 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.473 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035869.D

Acq: 26 Nov 2019 20:07

Instrument :

MSVOA_U

ClientSampleId :

C0AA1

Tgt Ion: 75 Resp: 9105

Ion Ratio Lower Upper

75 100

77 36.9 25.4 38.2

