

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035891.D
 Acq On : 27 Nov 2019 12:57
 Operator : JC/SP
 Sample : K6057-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:00:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	233041	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268233	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77811	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	141057	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.93	69	133974	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.59	63	173846	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.69	46	288841	41.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.00%
24) Chloroform-d	5.11	84	237227	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.75	65	132672	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.77	84	464960	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	162660	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.93	98	393076	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.21	79	53028	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.68	63	249930	46.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.68%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	125693	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	88266	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

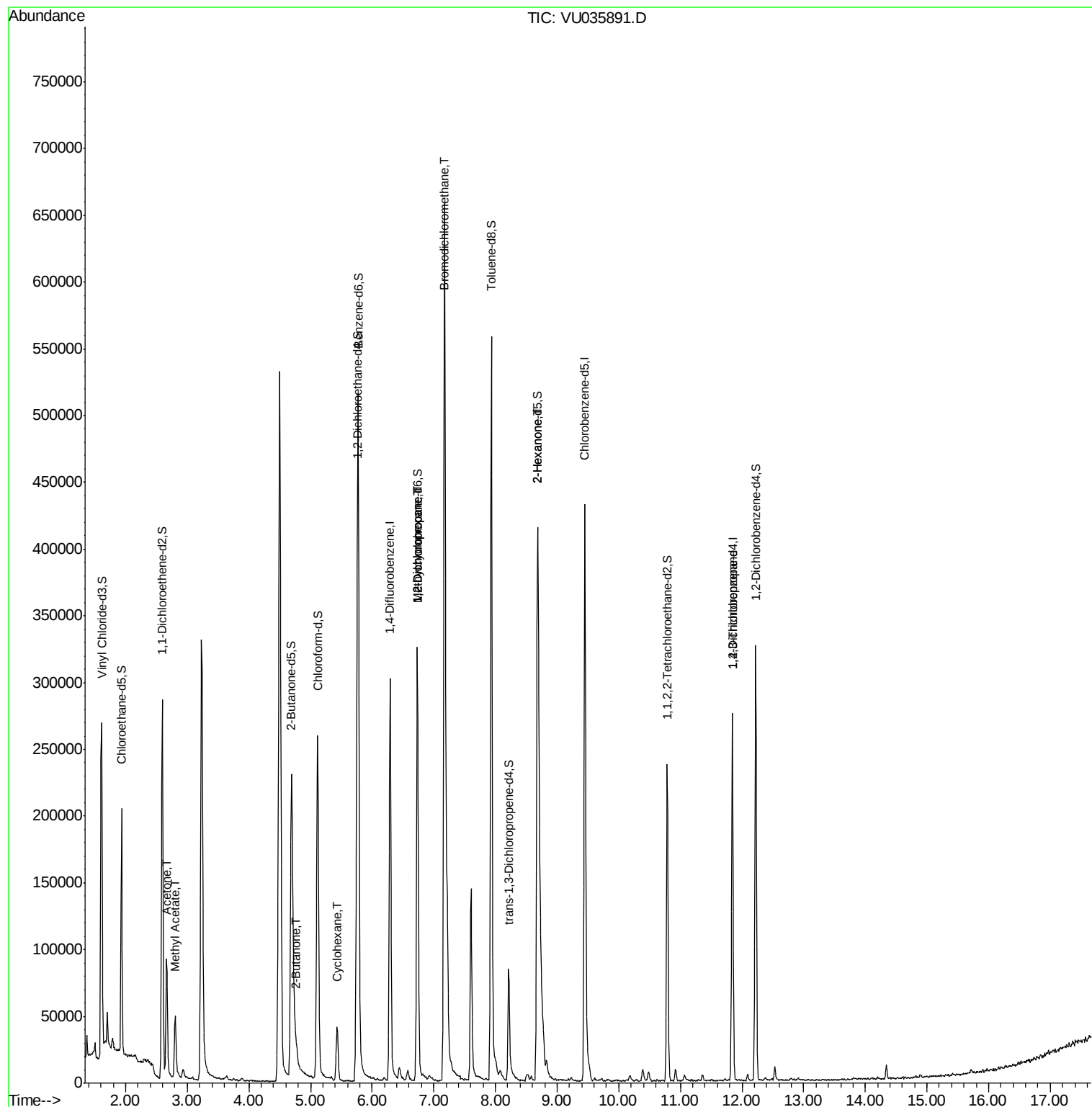
					Ovalue
13) Acetone	2.66	43	102318	16.536	ug/L 96
15) Methyl Acetate	2.81	43	12433	1.002	ug/L # 53
21) 2-Butanone	4.77	43	17788	2.272	ug/L 90
30) Cyclohexane	5.43	56	17147	0.405	ug/L 93
35) Methylcyclohexane	6.74	83	34914	0.867	ug/L # 14
37) 1,2-Dichloropropane	6.73	63	16240	0.511	ug/L # 91
38) Bromodichloromethane	7.17	83	13486	0.354	ug/L # 1
48) 2-Hexanone	8.69	43	25272	1.761	ug/L # 53
59) 1,2,3-Trichloropropane	11.84	75	9981	0.483	ug/L # 85

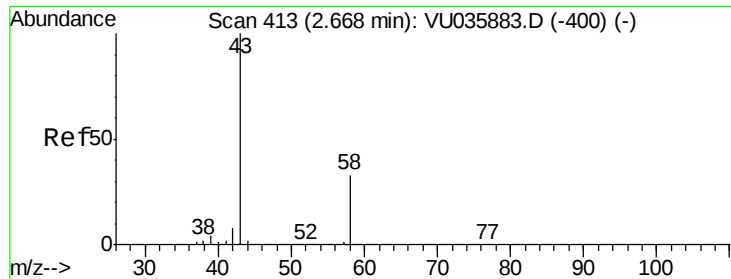
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 28 04:57:50 2019
Response via : Initial Calibration





#13

Acetone

Concen: 16.536 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU035891.D

Acq: 27 Nov 2019 12:57

Instrument :

MSVOA_U

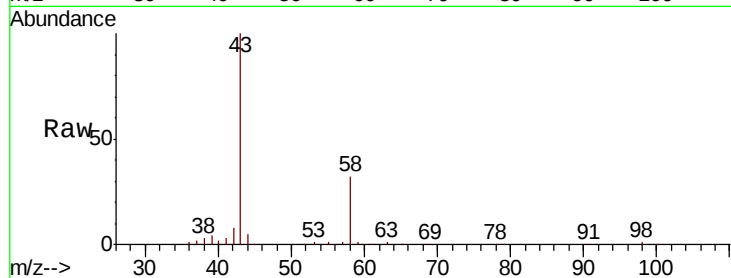
ClientSampleId :

Tot Ion: 43 Resp: 102318

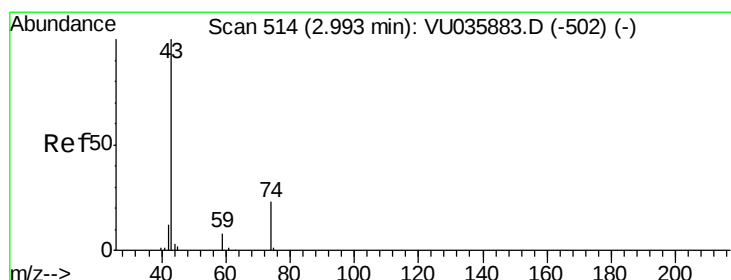
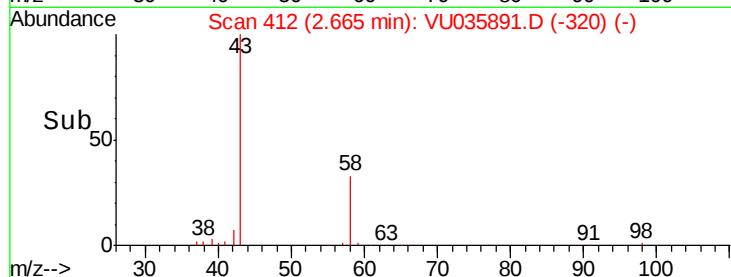
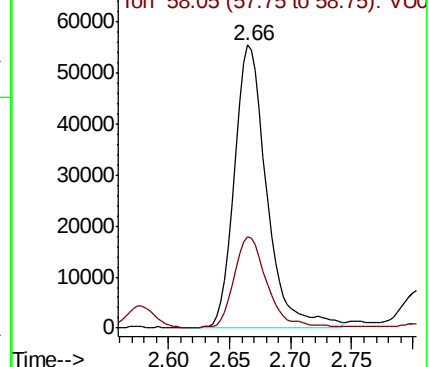
Ion Ratio Lower Upper

43 100

58 32.9 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035883.D (-400) (-)



#15

Methyl Acetate

Concen: 1.002 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.19 min

Lab File: VU035891.D

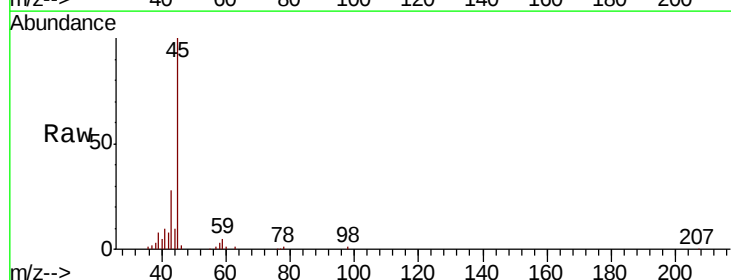
Acq: 27 Nov 2019 12:57

Tgt Ion: 43 Resp: 12433

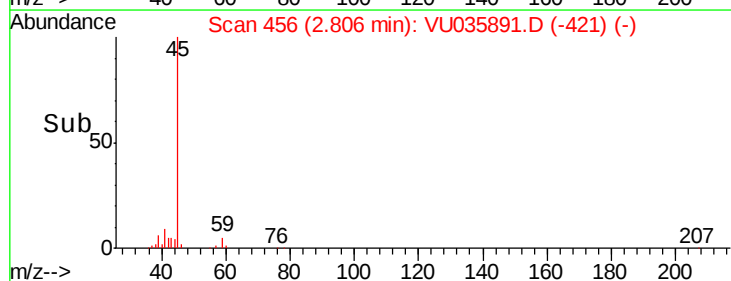
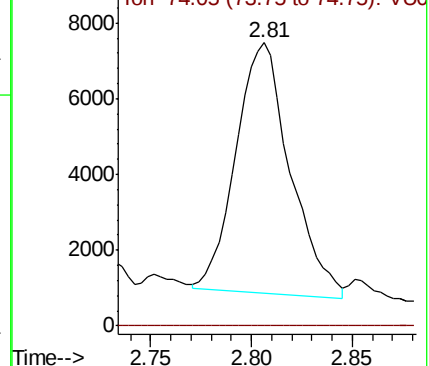
Ion Ratio Lower Upper

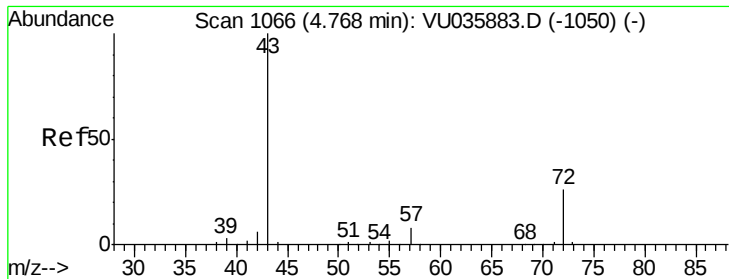
43 100

74 0.0 18.2 27.4#



Abundance Ion 43.05 (42.75 to 43.75): VU035883.D (-502) (-)





#21

2-Butanone

Concen: 2.272 ug/L

RT: 4.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VU035891.D

Acq: 27 Nov 2019 12:57

Instrument :

MSVOA_U

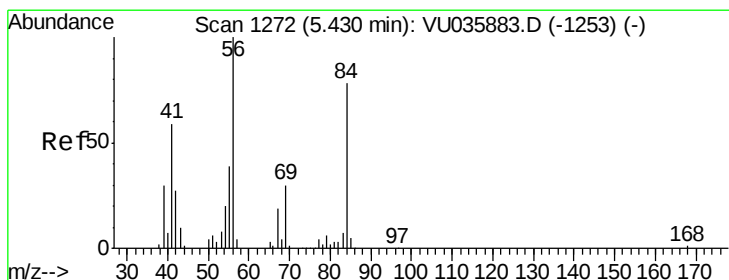
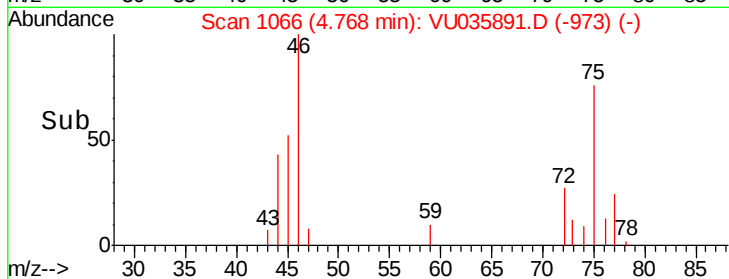
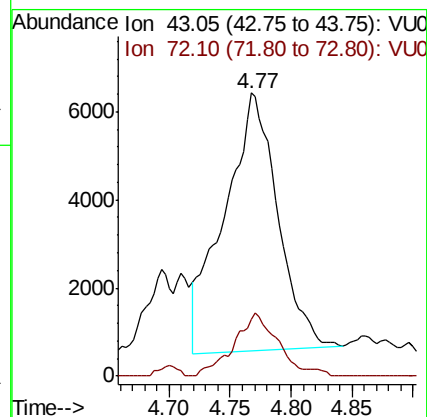
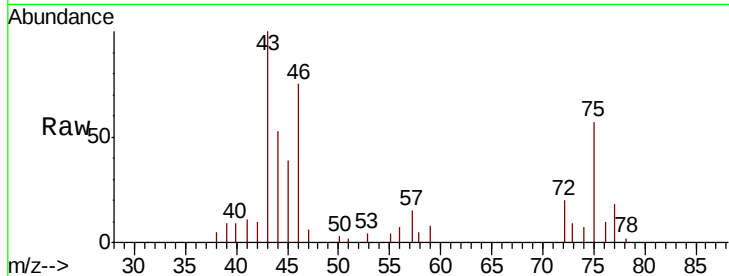
ClientSampleId :

Tot Ion: 43 Resp: 17788

Ion Ratio Lower Upper

43 100

72 19.7 12.4 37.4



#30

Cyclohexane

Concen: 0.405 ug/L

RT: 5.43 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VU035891.D

Acq: 27 Nov 2019 12:57

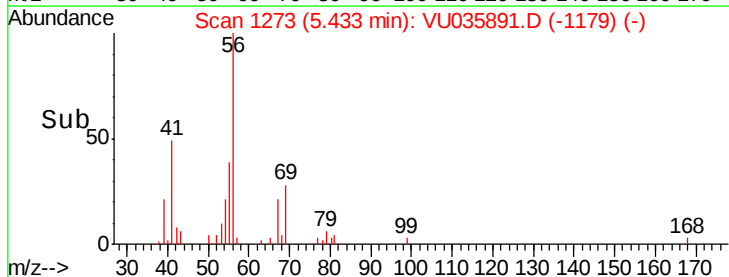
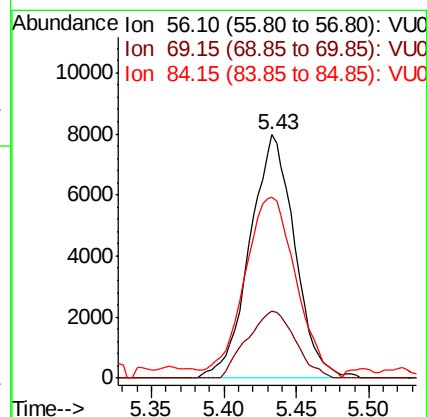
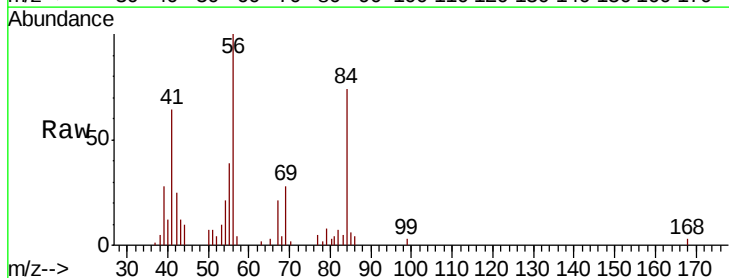
Tgt Ion: 56 Resp: 17147

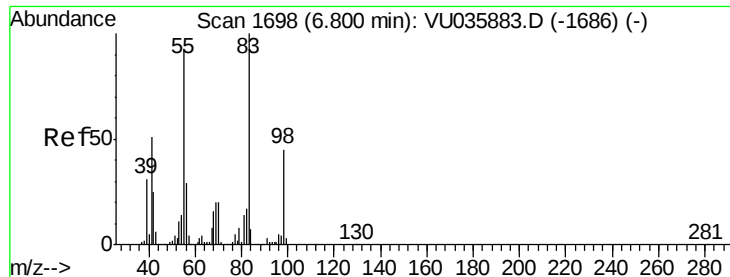
Ion Ratio Lower Upper

56 100

69 29.5 24.0 36.0

84 85.6 62.1 93.1

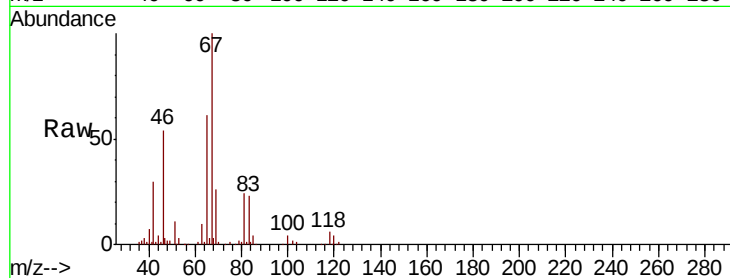




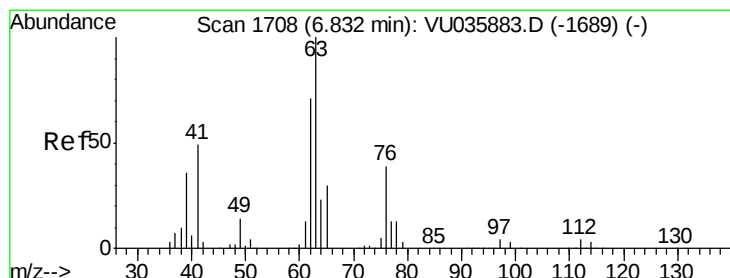
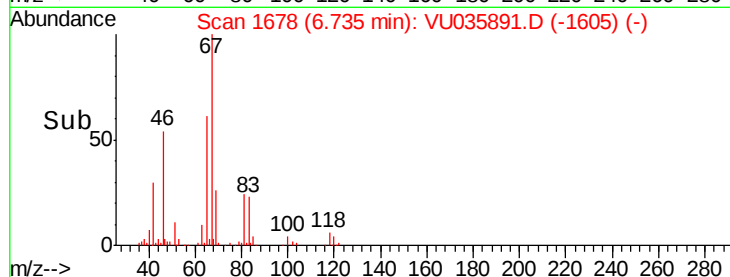
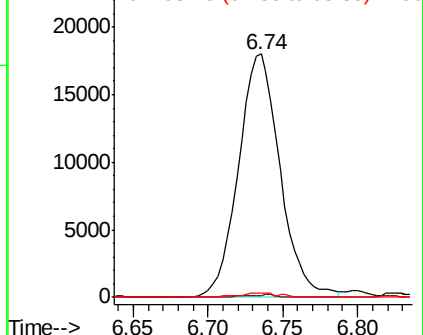
#35
Methvlcvclohexane
Concen: 0.867 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035891.D
Acq: 27 Nov 2019 12:57

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 34914
Ion Ratio Lower Upper
83 100
55 0.0 72.7 109.1#
98 1.1 36.2 54.4#

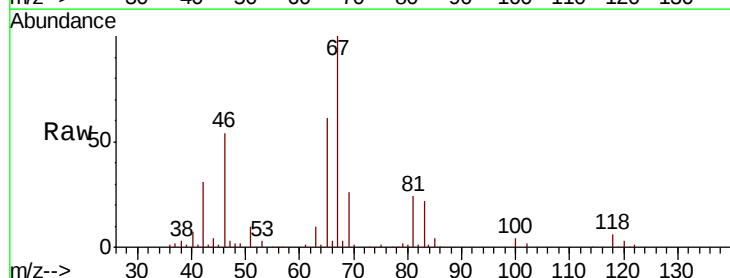


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

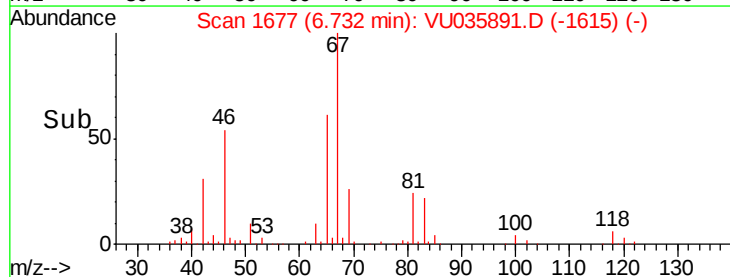
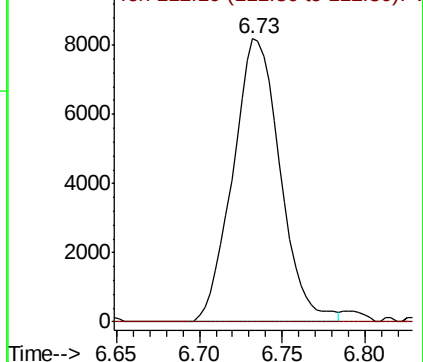


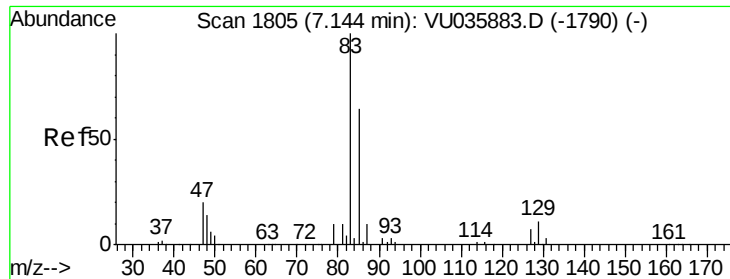
#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035891.D
Acq: 27 Nov 2019 12:57

Tgt Ion: 63 Resp: 16240
Ion Ratio Lower Upper
63 100
112 0.4 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: 0.354 ug/L

RT: 7.17 min Scan# 1814

Delta R.T. 0.03 min

Lab File: VU035891.D

Acq: 27 Nov 2019 12:57

Instrument :

MSVOA_U

ClientSampled :

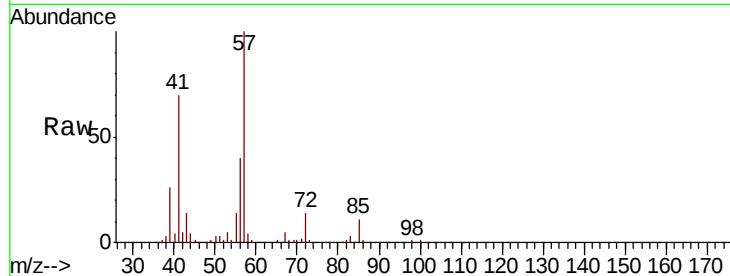
Tot Ion: 83 Resp: 13486

Ion Ratio Lower Upper

83 100

85 399.1 45.6 84.8#

127 0.0 6.0 9.0#

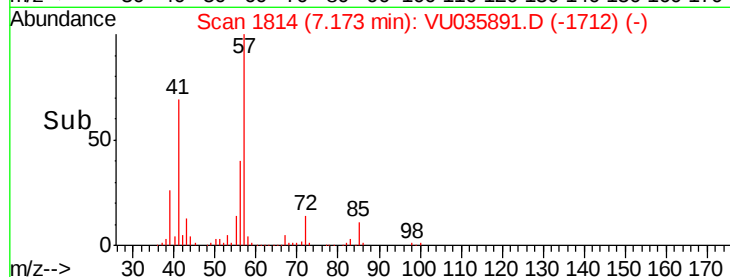


Abundance Ion 82.95 (82.65 to 83.65): VU035891.D (-1790) (-)

Ion 85.00 (84.70 to 85.70): VU035891.D (-1790) (-)

Ion 126.90 (126.60 to 127.60): VU035891.D (-1790) (-)

Time-->



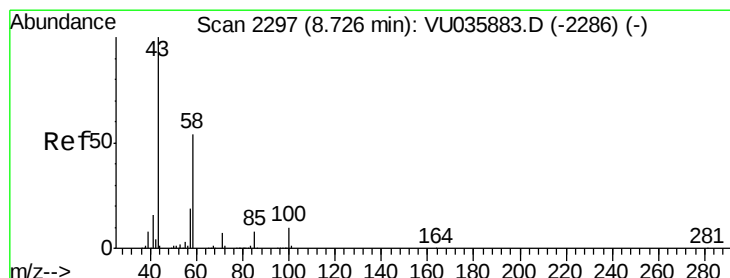
Abundance

Ion 82.95 (82.65 to 83.65): VU035891.D (-1790) (-)

Ion 85.00 (84.70 to 85.70): VU035891.D (-1790) (-)

Ion 126.90 (126.60 to 127.60): VU035891.D (-1790) (-)

Time-->



#48

2-Hexanone

Concen: 1.761 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. -0.04 min

Lab File: VU035891.D

Acq: 27 Nov 2019 12:57

Tgt Ion: 43 Resp: 25272

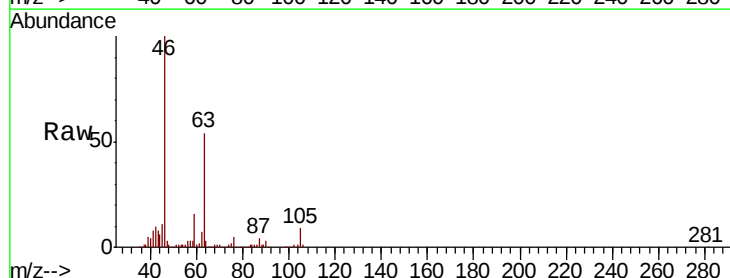
Ion Ratio Lower Upper

43 100

58 16.5 39.8 59.8#

57 42.5 14.0 21.0#

100 3.1 7.2 10.8#



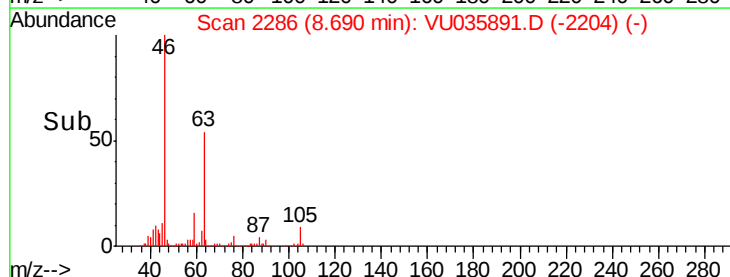
Abundance Ion 43.05 (42.75 to 43.75): VU035891.D (-2204) (-)

Ion 58.05 (57.75 to 58.75): VU035891.D (-2204) (-)

Ion 57.20 (56.90 to 57.90): VU035891.D (-2204) (-)

Ion 100.15 (99.85 to 100.85): VU035891.D (-2204) (-)

Time-->



Abundance

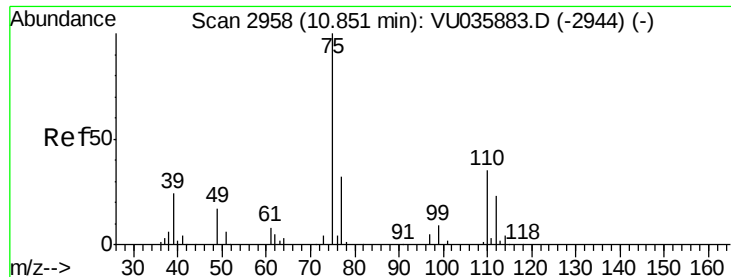
Ion 43.05 (42.75 to 43.75): VU035891.D (-2204) (-)

Ion 58.05 (57.75 to 58.75): VU035891.D (-2204) (-)

Ion 57.20 (56.90 to 57.90): VU035891.D (-2204) (-)

Ion 100.15 (99.85 to 100.85): VU035891.D (-2204) (-)

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.483 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035891.D

Acq: 27 Nov 2019 12:57

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9981

Ion Ratio Lower Upper

75 100

77 40.3 25.4 38.2#

