

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035892.D
 Acq On : 27 Nov 2019 13:21
 Operator : JC/SP
 Sample : K6057-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:01:05 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	233407	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	272483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	134810	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	129465	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.60	63	168753	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.69	46	315671	44.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.48%
24) Chloroform-d	5.11	84	230631	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.75	65	130977	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.77	84	450657	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.73	67	151775	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.93	98	381450	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.22	79	54225	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.68	63	249871	45.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	123247	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	89881	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

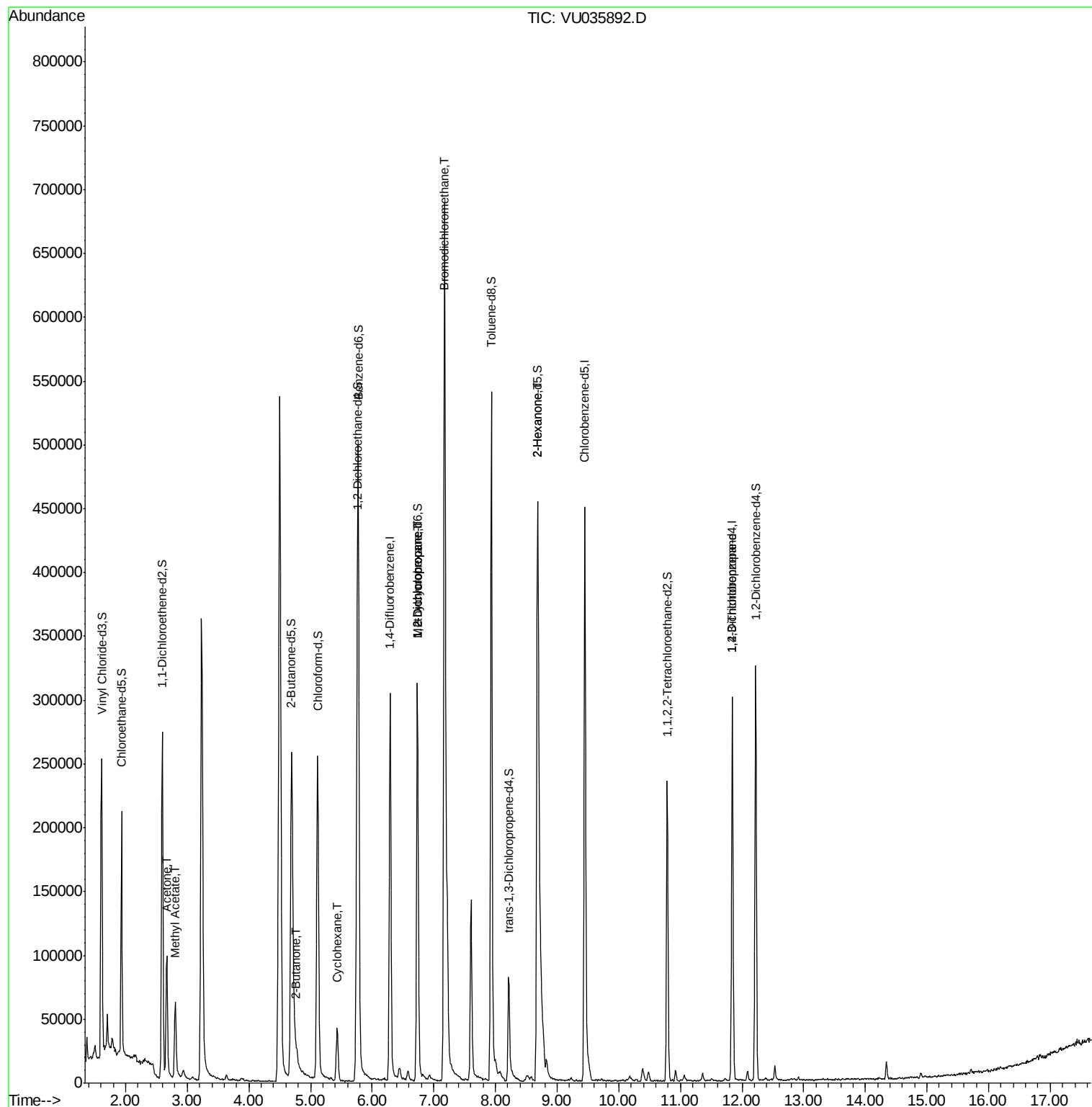
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	112737	18.191	ug/L	97
15) Methyl Acetate	2.81	43	17315	1.394	ug/L #	53
21) 2-Butanone	4.77	43	12630	1.611	ug/L	100
30) Cyclohexane	5.43	56	17191	0.400	ug/L	92
35) Methylcyclohexane	6.73	83	34266	0.837	ug/L #	14
37) 1,2-Dichloropropane	6.74	63	16450	0.510	ug/L #	91
38) Bromodichloromethane	7.17	83	14156	0.366	ug/L #	1
48) 2-Hexanone	8.69	43	26192	1.796	ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	10908	0.520	ug/L	90

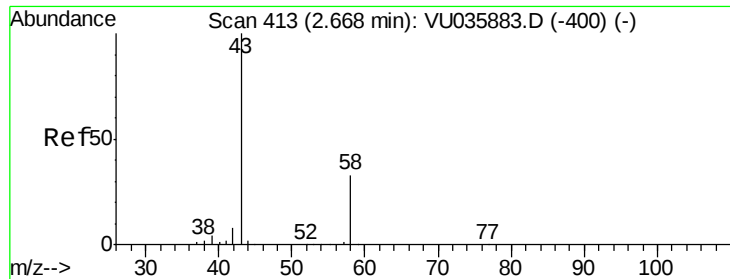
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112719\
Data File : VU035892.D
Acq On : 27 Nov 2019 13:21
Operator : JC/SP
Sample : K6057-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 28 05:01:05 2019
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 18.191 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035892.D

Acq: 27 Nov 2019 13:21

Instrument :

MSVOA_U

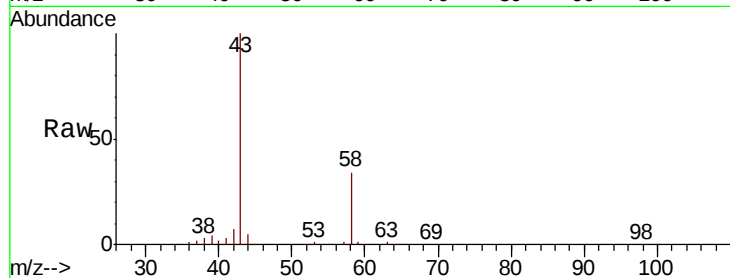
ClientSampleId :

Tot Ion: 43 Resp: 112737

Ion Ratio Lower Upper

43 100

58 32.1 0.0 61.2



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

Ion 58.05 (57.75 to 58.75): VU035883.D (-400) (-)

2.67

60000

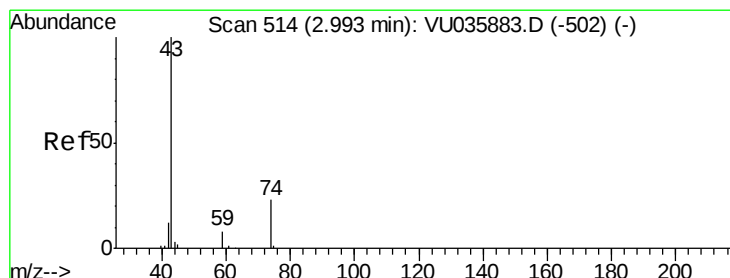
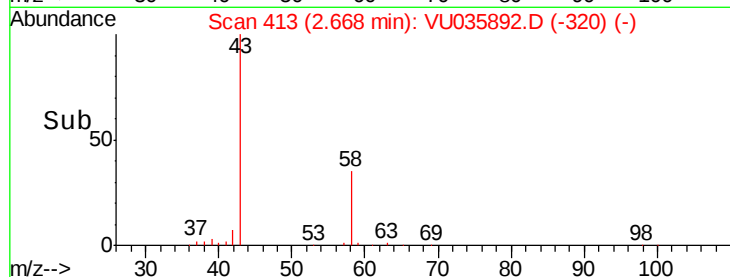
40000

20000

0

Time-->

2.60 2.70 2.80



#15

Methyl Acetate

Concen: 1.394 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.19 min

Lab File: VU035892.D

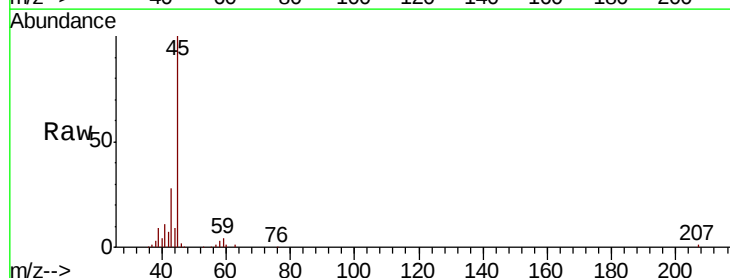
Acq: 27 Nov 2019 13:21

Tgt Ion: 43 Resp: 17315

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) (-)

Ion 74.05 (73.75 to 74.75): VU035883.D (-502) (-)

2.81

10000

8000

6000

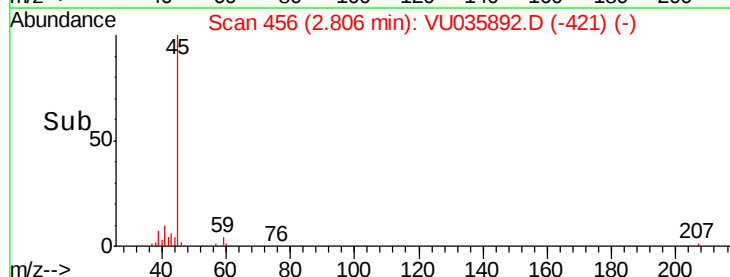
4000

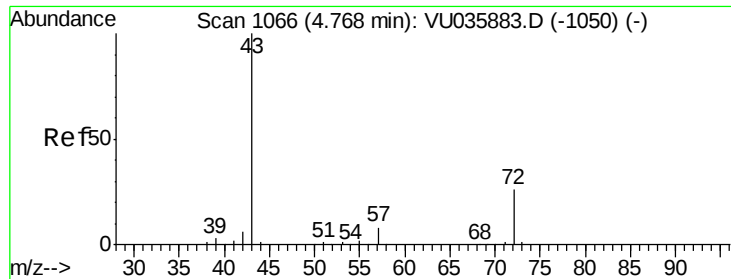
2000

0

Time-->

2.75 2.80 2.85 2.90

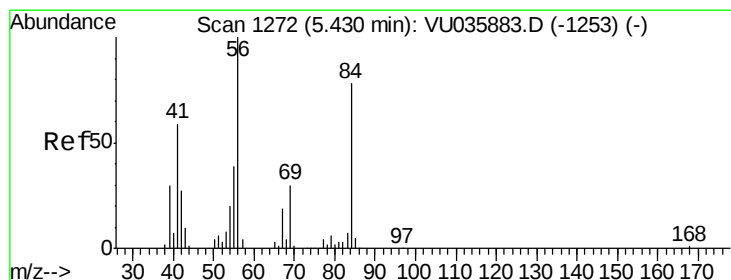
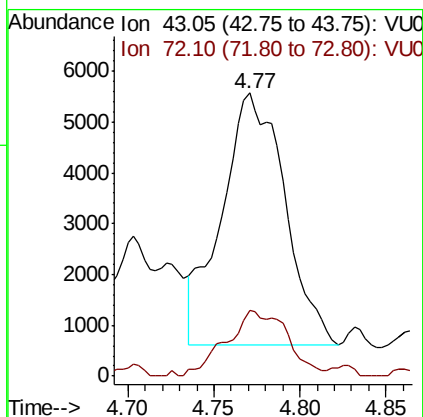
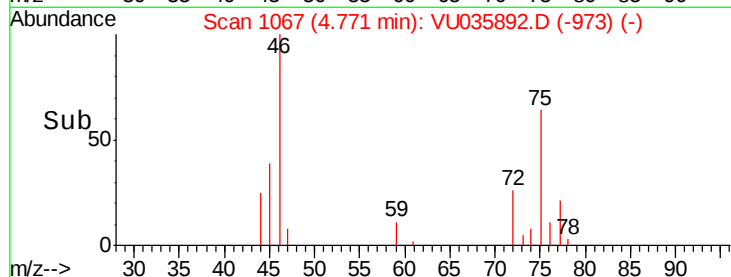
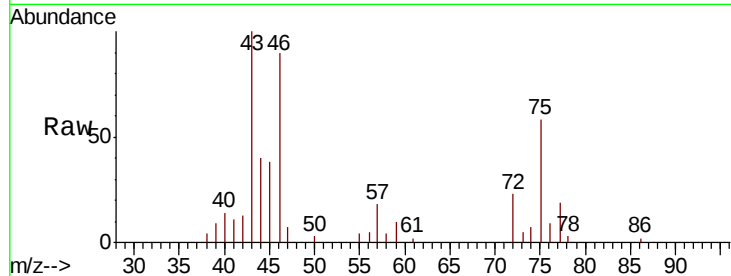




#21
 2-Butanone
 Concen: 1.611 ug/L
 RT: 4.77 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VU035892.D
 Acq: 27 Nov 2019 13:21

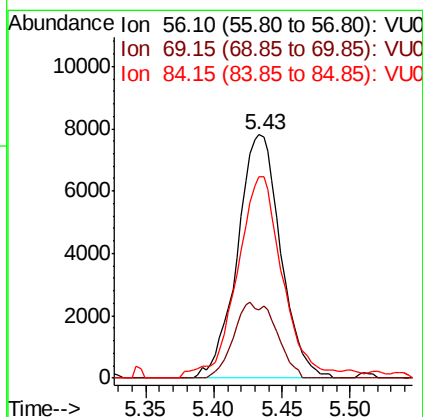
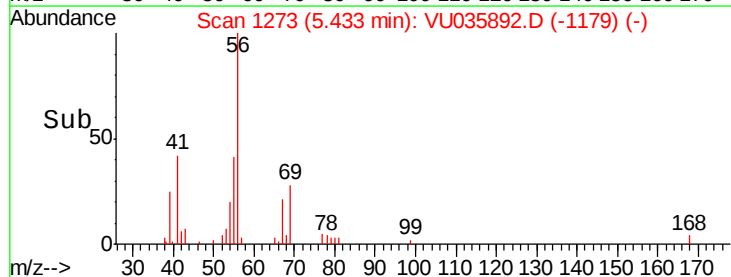
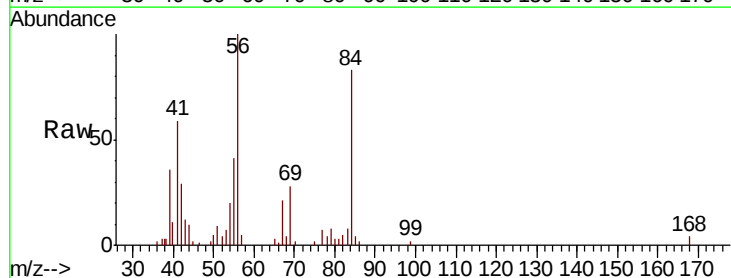
Instrument :
 MSVOA_U
 ClientSampleId :

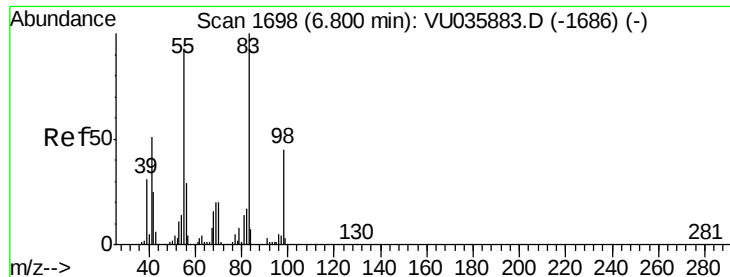
Tot Ion: 43 Resp: 12630
 Ion Ratio Lower Upper
 43 100
 72 25.1 12.4 37.4



#30
 Cyclohexane
 Concen: 0.400 ug/L
 RT: 5.43 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VU035892.D
 Acq: 27 Nov 2019 13:21

Tgt Ion: 56 Resp: 17191
 Ion Ratio Lower Upper
 56 100
 69 30.6 24.0 36.0
 84 86.6 62.1 93.1





#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035892.D

Acq: 27 Nov 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

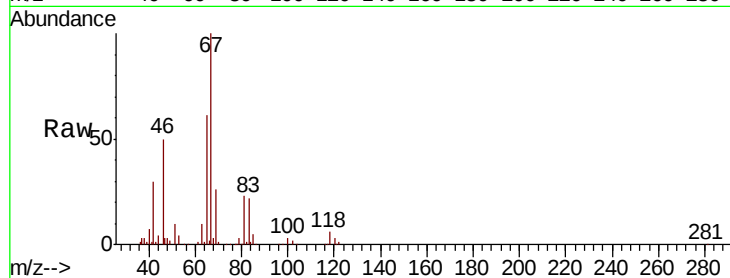
Tot Ion: 83 Resp: 34266

Ion Ratio Lower Upper

83 100

55 0.9 72.7 109.1#

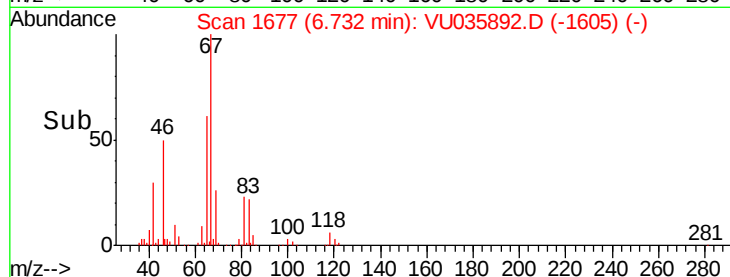
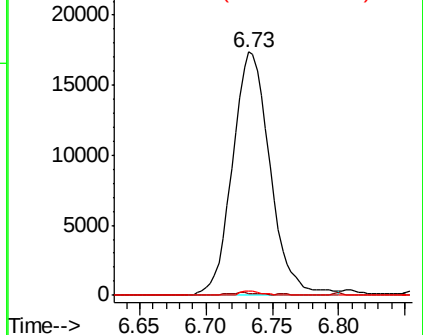
98 1.0 36.2 54.4#



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: 0.510 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035892.D

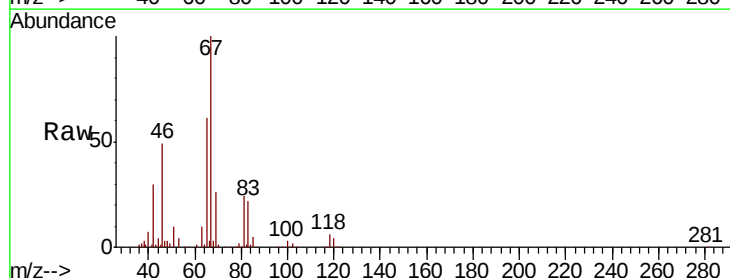
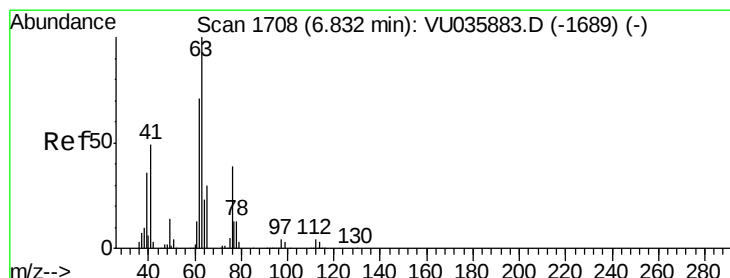
Acq: 27 Nov 2019 13:21

Tgt Ion: 63 Resp: 16450

Ion Ratio Lower Upper

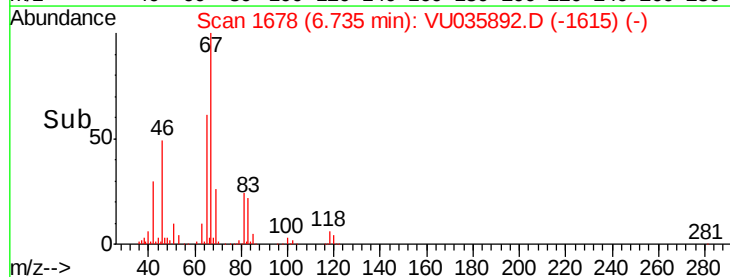
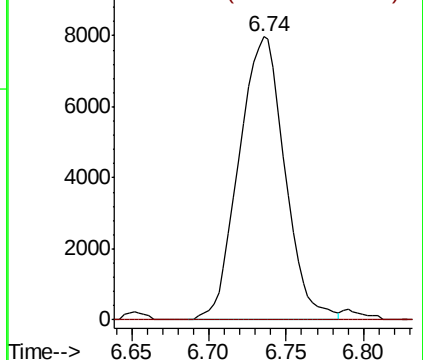
63 100

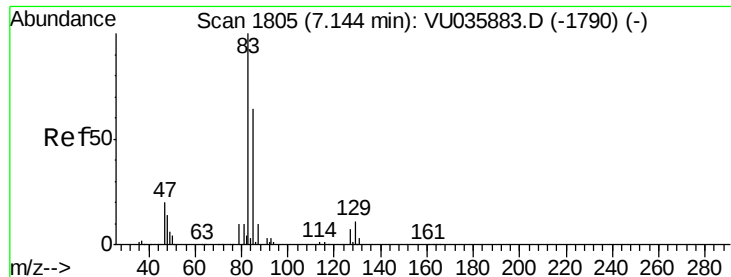
112 0.5 2.7 4.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.366 ug/L

RT: 7.17 min Scan# 1814

Delta R.T. 0.03 min

Lab File: VU035892.D

Acq: 27 Nov 2019 13:21

Instrument :
MSVOA_U
ClientSampled :

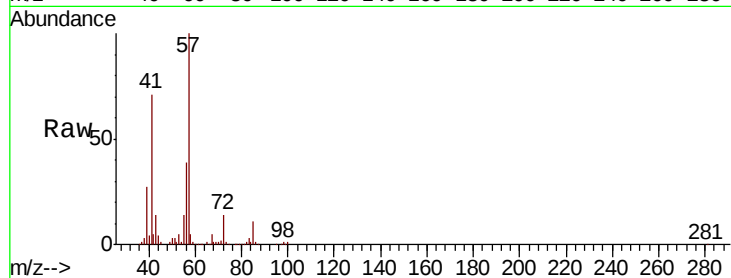
Tot Ion: 83 Resp: 14156

Ion Ratio Lower Upper

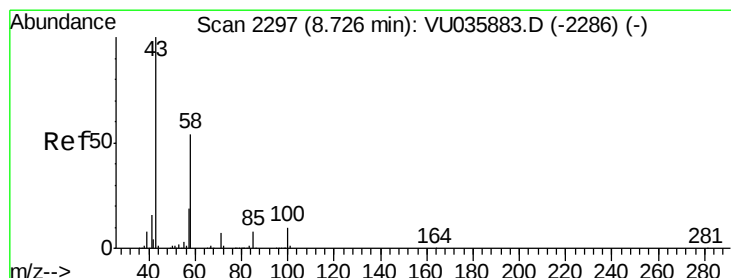
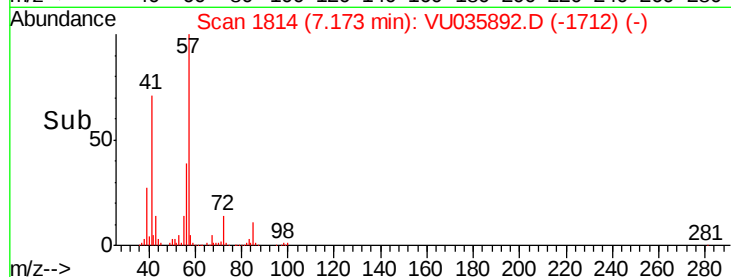
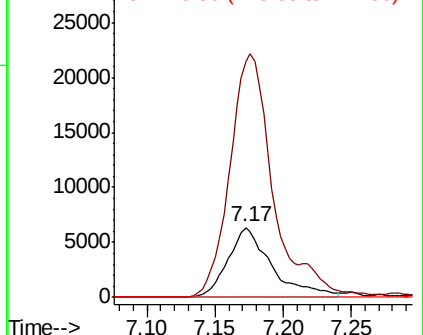
83 100

85 339.9 45.6 84.8#

127 0.0 6.0 9.0#



Abundance Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 126.90 (126.60 to 127.60): V



#48

2-Hexanone

Concen: 1.796 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.04 min

Lab File: VU035892.D

Acq: 27 Nov 2019 13:21

Tgt Ion: 43 Resp: 26192

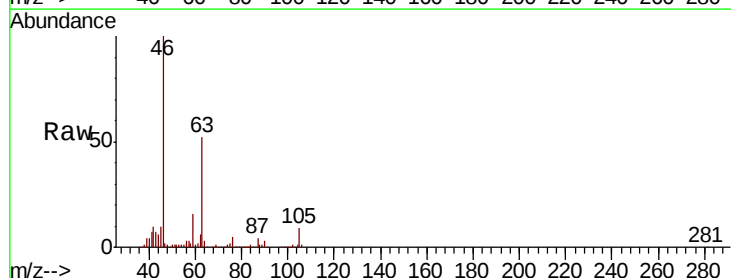
Ion Ratio Lower Upper

43 100

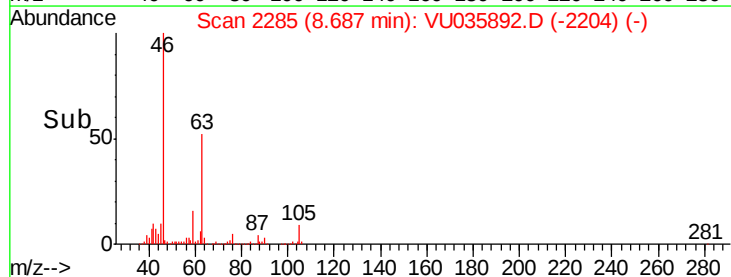
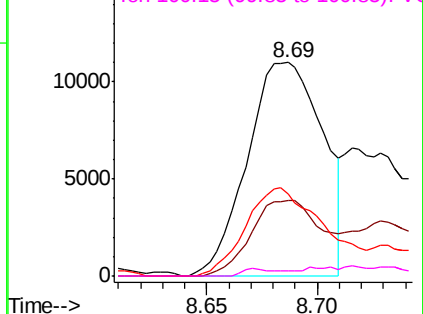
58 33.0 39.8 59.8#

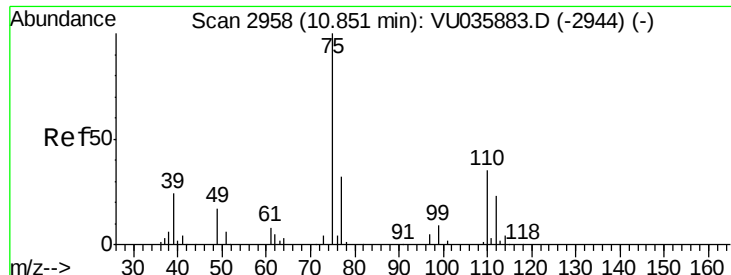
57 43.4 14.0 21.0#

100 1.3 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): V





#59

1,2,3-Trichloropropane

Concen: 0.520 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035892.D

Acq: 27 Nov 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 10908

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2

