

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038948.D
 Acq On : 17 Jun 2020 16:53
 Operator : SY/MD
 Sample : L3040-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:10:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.32	114	261128	5.00	ug/L	0.04
28) Chlorobenzene-d5	9.44	117	263975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	134019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.63	65	78793	4.35	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.95	69	70408	4.62	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.62	63	185884	5.06	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.81	46	237308	40.91	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.82%
24) Chloroform-d	5.16	84	182248	5.06	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.79	65	104231	5.02	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.81	84	344398	4.99	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.75	67	109726	5.14	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.94	98	285595	4.62	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	8.22	79	46177	4.72	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.67	63	239182	46.45	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102845	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	127410	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

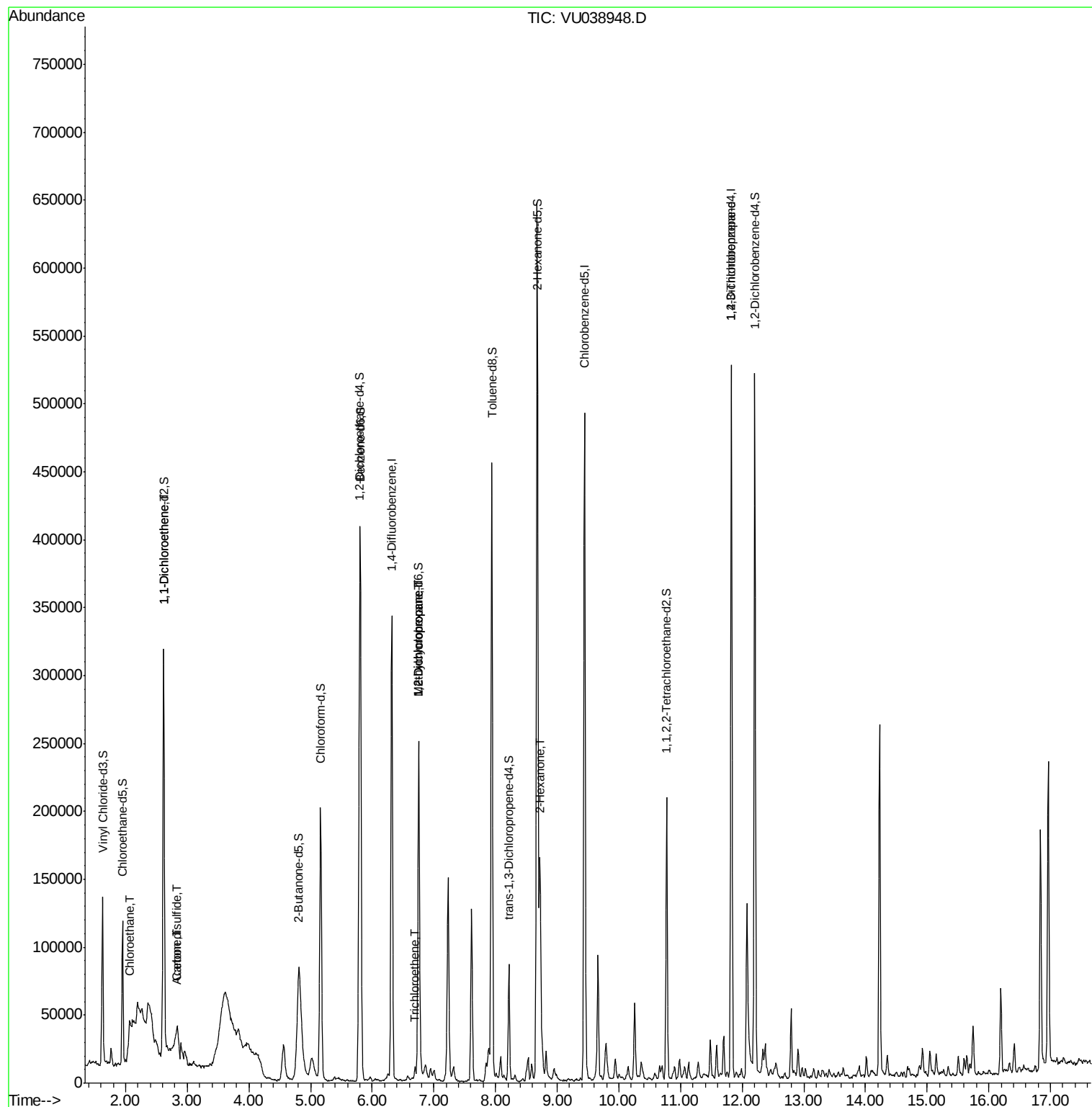
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	2.07	64	49718	3.194	ug/L #	52
12) 1,1-Dichloroethene	2.62	96	1621	0.088	ug/L #	1
13) Acetone	2.82	43	30589	7.737	ug/L	50
14) Carbon disulfide	2.84	76	12491	0.202	ug/L #	86
34) Trichloroethene	6.70	95	3083	0.154	ug/L #	5
35) Methylcyclohexane	6.75	83	27378	0.863	ug/L #	23
37) 1,2-Dichloropropane	6.75	63	12597	0.612	ug/L #	86
48) 2-Hexanone	8.73	43	65635	6.106	ug/L #	90
59) 1,2,3-Trichloropropane	11.83	75	16811	1.059	ug/L #	82

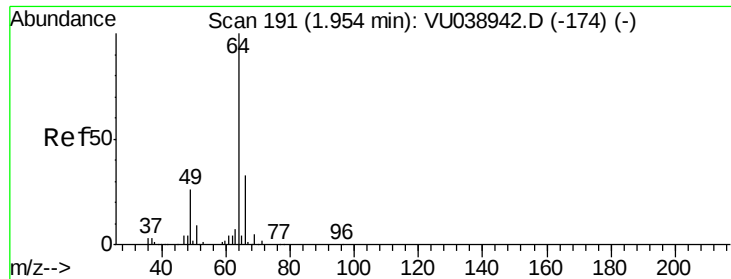
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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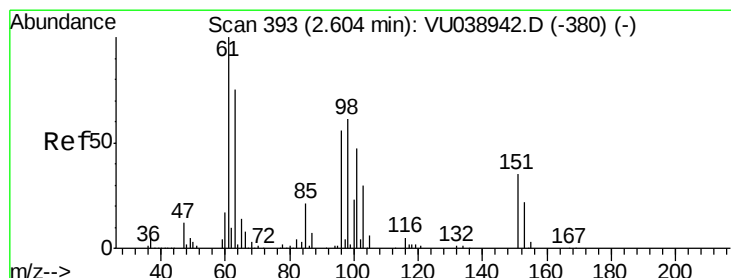
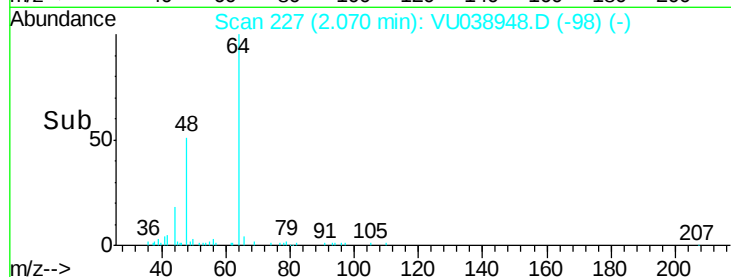
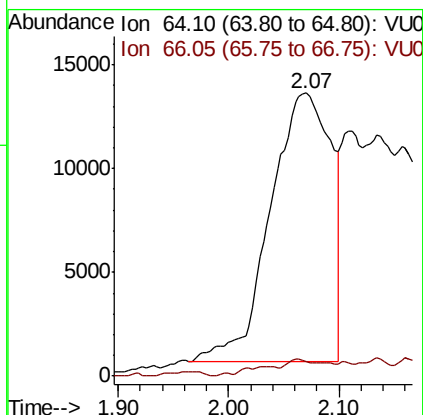
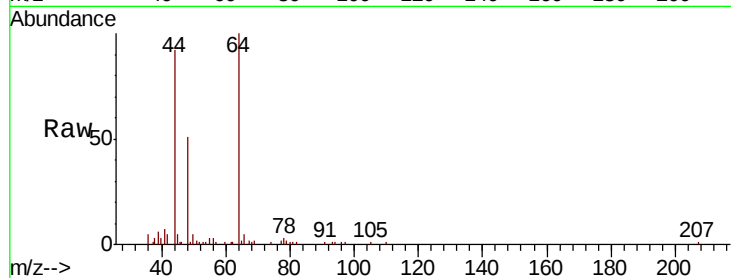




#8
Chloroethane
Concen: 3.194 ug/L
RT: 2.07 min Scan# 227
Delta R.T. 0.12 min
Lab File: VU038948.D
Acq: 17 Jun 2020 16:53

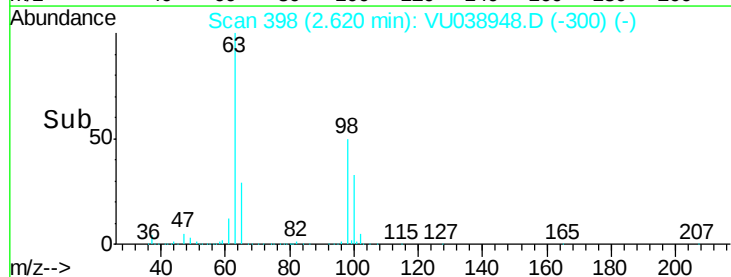
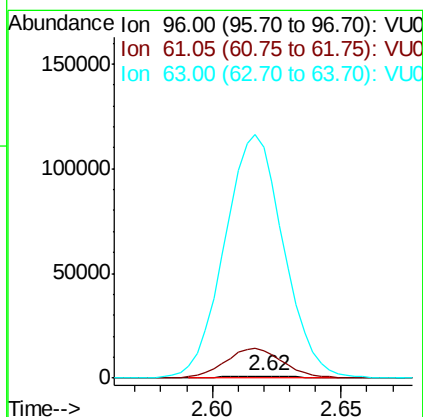
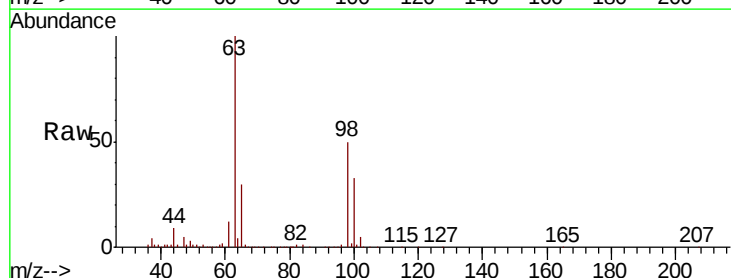
Instrument :
MSVOA_U
ClientSampleId :

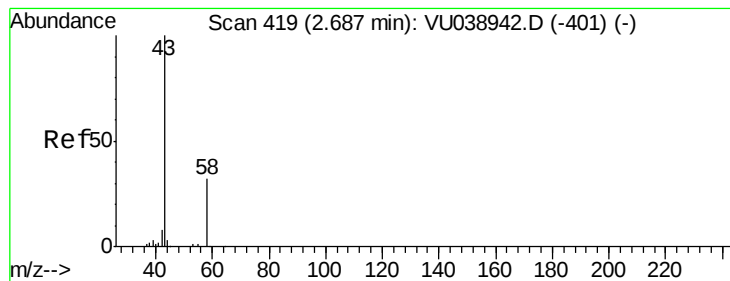
Tot Ion: 64 Resp: 49718
Ion Ratio Lower Upper
64 100
66 5.1 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.62 min Scan# 398
Delta R.T. 0.02 min
Lab File: VU038948.D
Acq: 17 Jun 2020 16:53

Tgt Ion: 96 Resp: 1621
Ion Ratio Lower Upper
96 100
61 1455.5 120.3 223.5#
63 12271.4 78.7 146.1#





#13

Acetone

Concen: 7.737 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.14 min

Lab File: VU038948.D

Acq: 17 Jun 2020 16:53

Instrument :

MSVOA_U

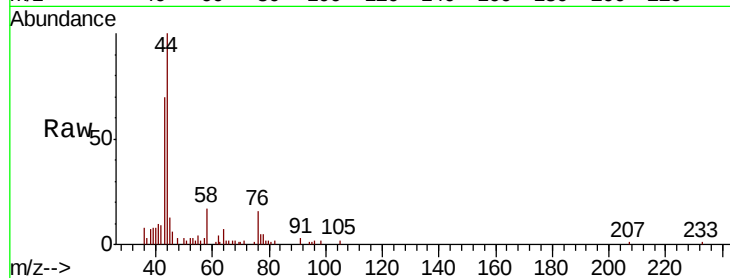
ClientSampleId :

Tot Ion: 43 Resp: 30589

Ion Ratio Lower Upper

43 100

58 4.2 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU038948.D (-326) (-)

Ion 58.05 (57.75 to 58.75): VU038948.D (-326) (-)

2.82

8000

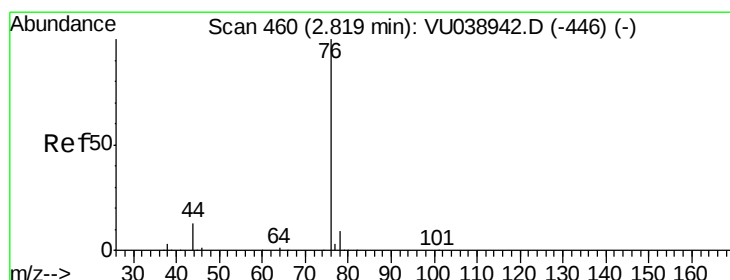
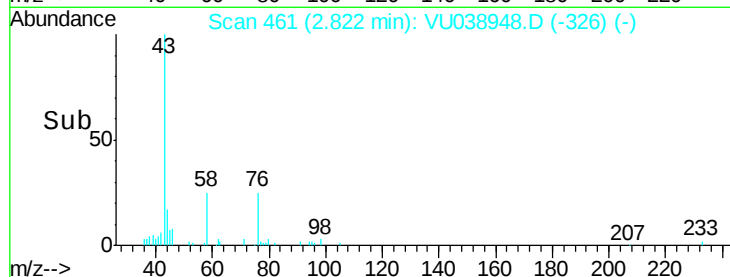
6000

4000

2000

0

Time-->



#14

Carbon disulfide

Concen: 0.202 ug/L

RT: 2.84 min Scan# 467

Delta R.T. 0.02 min

Lab File: VU038948.D

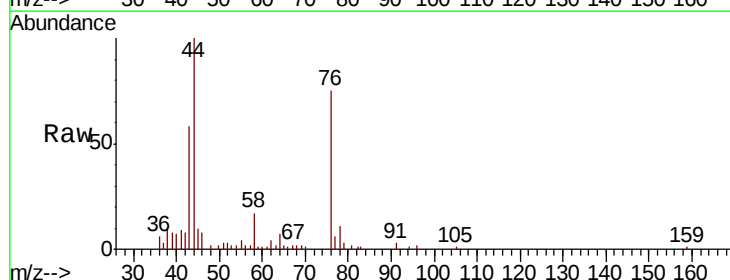
Acq: 17 Jun 2020 16:53

Tgt Ion: 76 Resp: 12491

Ion Ratio Lower Upper

76 100

78 14.3 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038948.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU038948.D (-367) (-)

2.84

8000

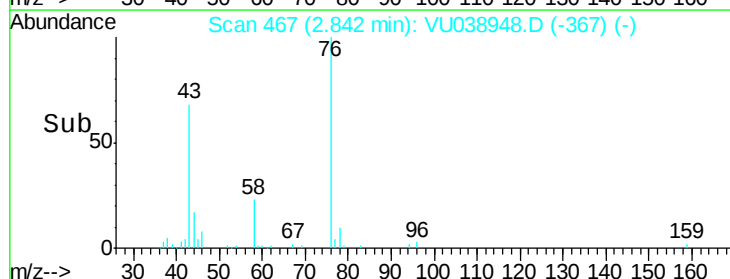
6000

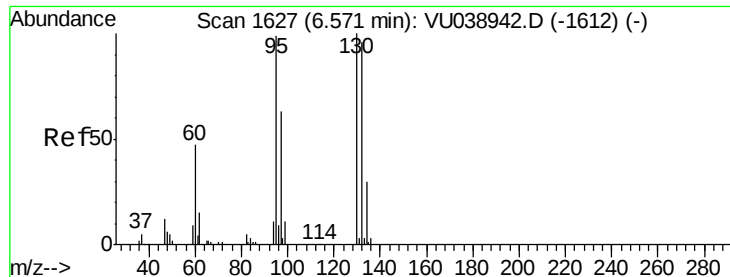
4000

2000

0

Time-->

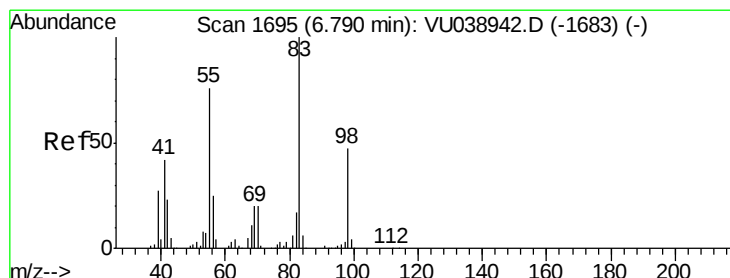
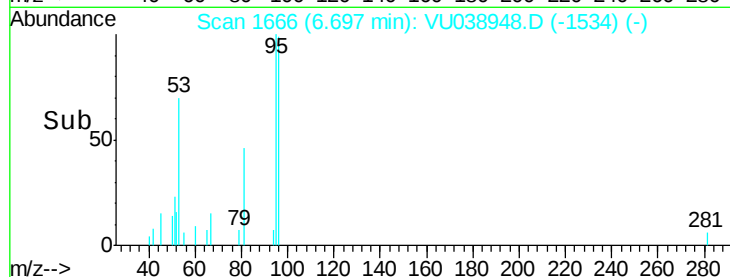
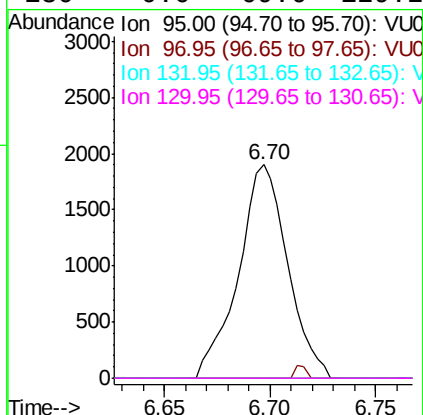
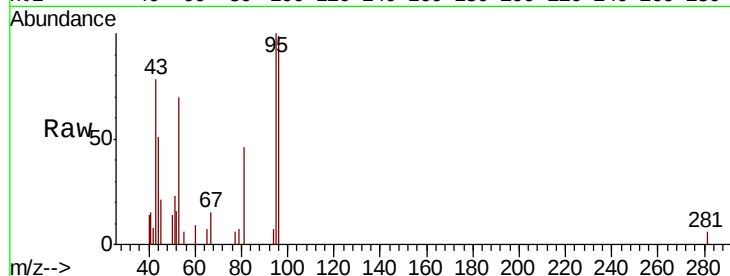




#34
 Trichloroethene
 Concen: 0.154 ug/L
 RT: 6.70 min Scan# 1666
 Delta R.T. 0.13 min
 Lab File: VU038948.D
 Acq: 17 Jun 2020 16:53

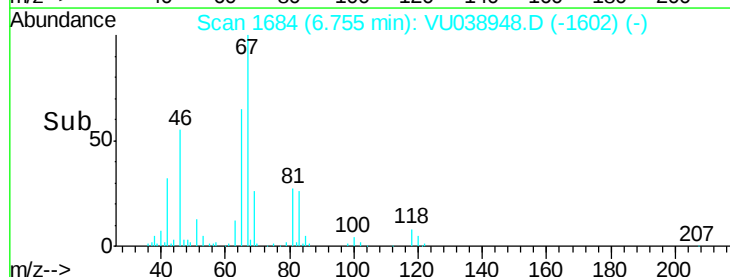
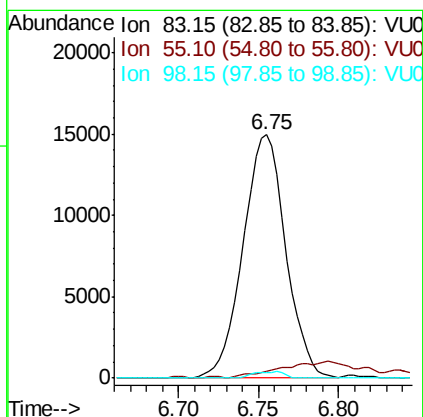
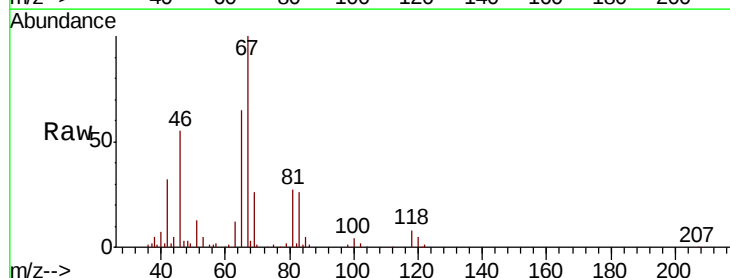
Instrument :
 MSVOA_U
 ClientSampleId :

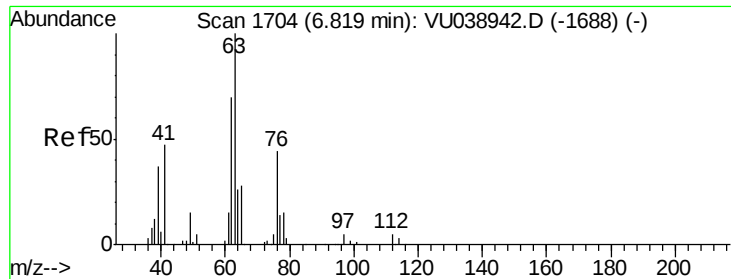
Tot Ion: 95 Resp: 3083
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.4 84.4#
 132 0.0 68.4 127.0#
 130 0.0 69.6 129.2#



#35
 Methylcyclohexane
 Concen: 0.863 ug/L
 RT: 6.75 min Scan# 1684
 Delta R.T. -0.04 min
 Lab File: VU038948.D
 Acq: 17 Jun 2020 16:53

Tgt Ion: 83 Resp: 27378
 Ion Ratio Lower Upper
 83 100
 55 5.9 61.8 92.8#
 98 1.8 39.3 58.9#





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.75 min Scan# 1684

Delta R.T. -0.06 min

Lab File: VU038948.D

Acq: 17 Jun 2020 16:53

Instrument :

MSVOA_U

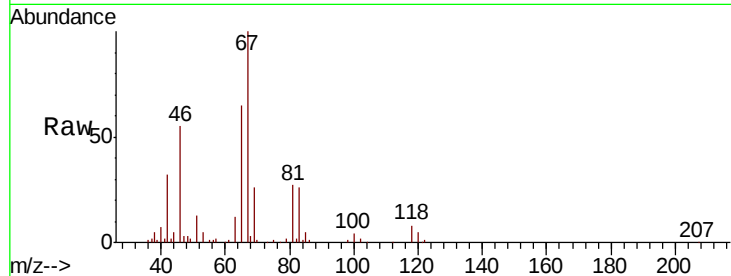
ClientSampleId :

Tot Ion: 63 Resp: 12597

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU038948.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU038948.D (-1688) (-)

6.75

8000

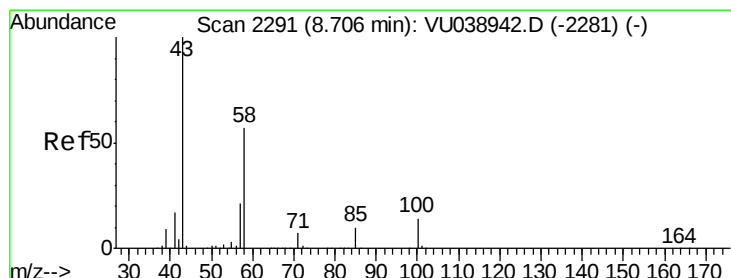
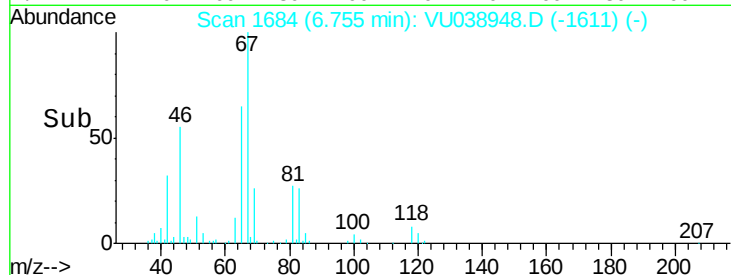
6000

4000

2000

0

Time-->



#48

2-Hexanone

Concen: 6.106 ug/L

RT: 8.73 min Scan# 2297

Delta R.T. 0.02 min

Lab File: VU038948.D

Acq: 17 Jun 2020 16:53

Tgt Ion: 43 Resp: 65635

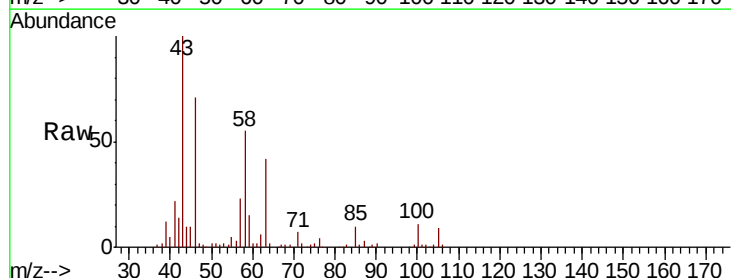
Ion Ratio Lower Upper

43 100

58 51.8 45.2 67.8

57 30.2 16.1 24.1#

100 10.0 10.9 16.3#



Abundance Ion 43.05 (42.75 to 43.75): VU038948.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VU038948.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VU038948.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VU038948.D (-2198) (-)

8.73

50000

40000

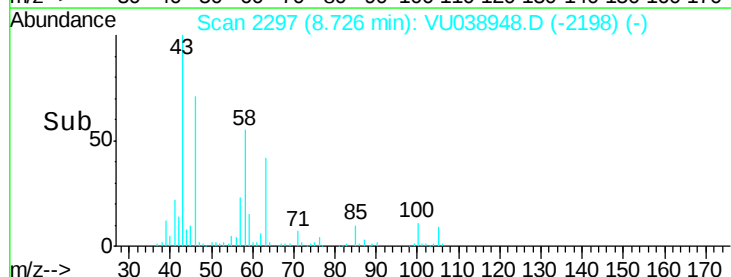
30000

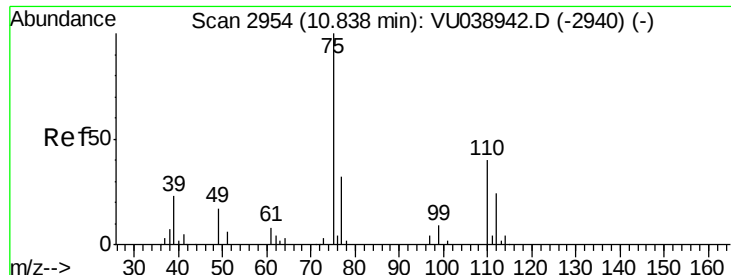
20000

10000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.059 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU038948.D

Acq: 17 Jun 2020 16:53

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 16811

Ion Ratio Lower Upper

75 100

77 41.8 25.4 38.0#

