

Data File : VU036848.D
Acq On : 19 Feb 2020 14:47
Operator : JC/MD
Sample : L1580-04MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ5MSD

Quant Time: Feb 20 04:49:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	103884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	97941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	38228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43830	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	39885	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	74206	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.67	46	101732	54.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	5.11	84	72697	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.74	65	41798	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.76	84	158992	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.73	67	51697	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.92	98	142116	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.20	79	17388	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.66	63	84083	50.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38200	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	42707	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

					Qvalue
3) Chloromethane	1.54	50	1722	0.241 ug/L #	41
8) Chloroethane	2.16	64	874	0.150 ug/L #	54
12) 1,1-Dichloroethene	2.60	96	30902	4.890 ug/L	91
13) Acetone	2.66	43	11864	4.952 ug/L	97
14) Carbon disulfide	2.82	76	1380	0.090 ug/L #	75
16) Methylene chloride	3.08	84	953	0.089 ug/L	89
27) 1,2-Dichloroethane	5.81	62	1641	0.176 ug/L #	76
33) Benzene	5.81	78	160934	5.327 ug/L	100
34) Trichloroethene	6.57	95	39665	5.155 ug/L	98
35) Methylcyclohexane	6.73	83	11336	0.928 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5347	0.648 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1405	0.118 ug/L #	70
42) Toluene	8.00	91	173774	5.356 ug/L	99
51) Chlorobenzene	9.47	112	106270	5.295 ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	5502	1.010 ug/L #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021920\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

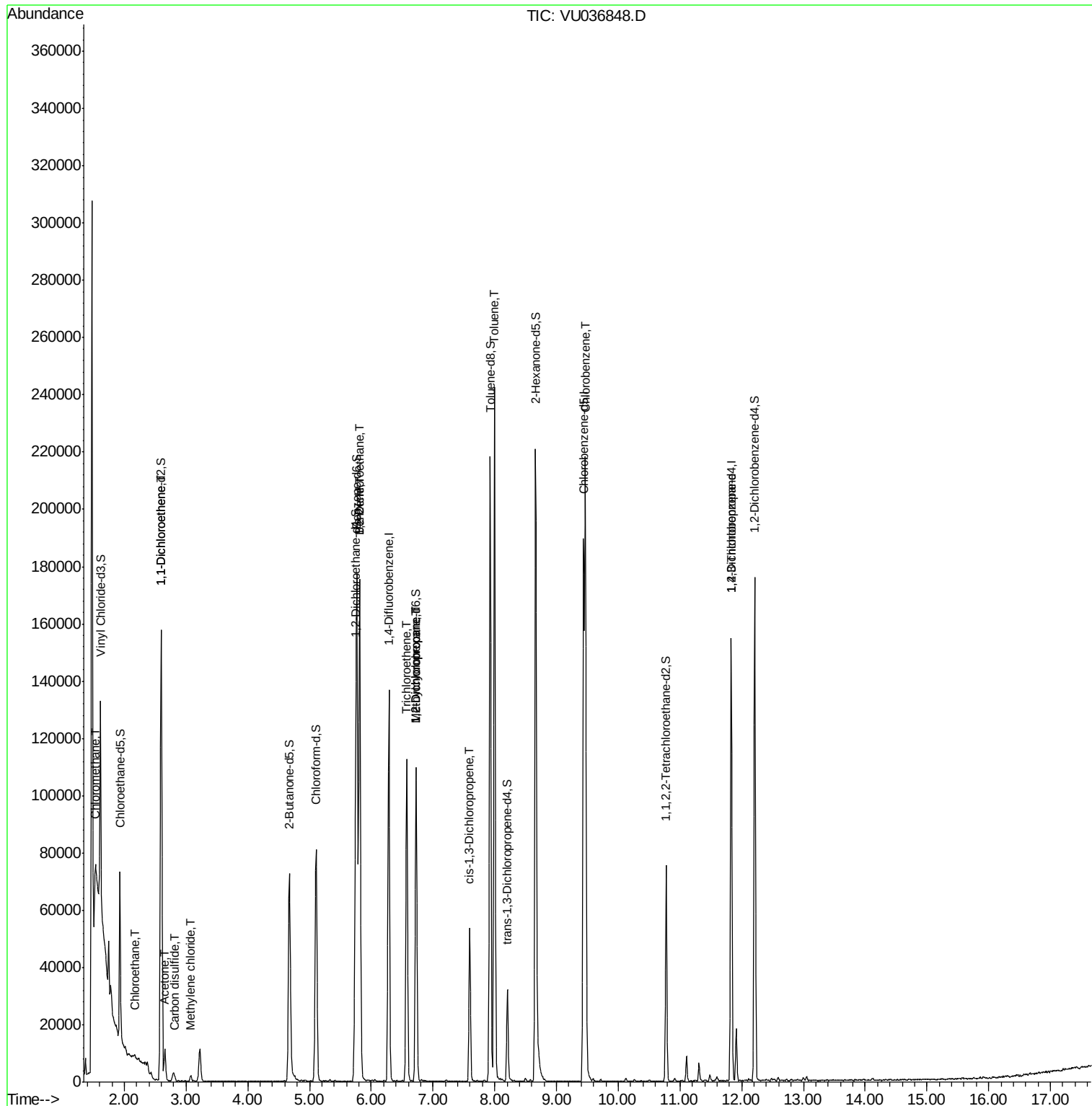
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

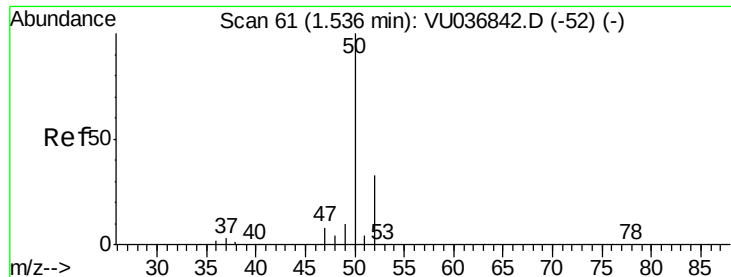
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.241 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

Instrument :

MSVOA_U

ClientSampleId :

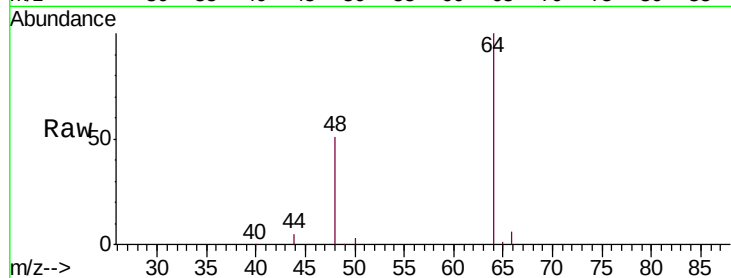
DBDJ5MSD

Tgt Ion: 50 Resp: 1722

Ion Ratio Lower Upper

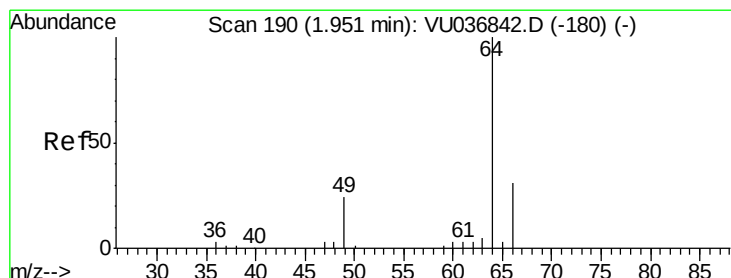
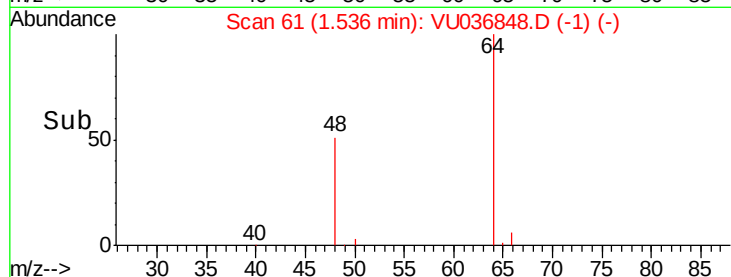
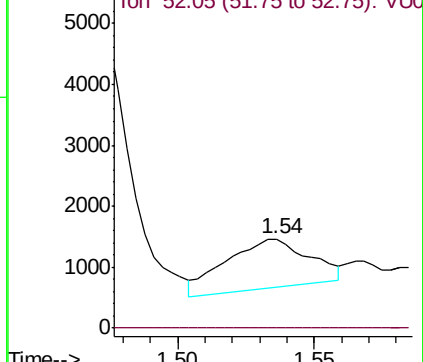
50 100

52 0.0 23.8 44.2#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.150 ug/L

RT: 2.16 min Scan# 256

Delta R.T. 0.21 min

Lab File: VU036848.D

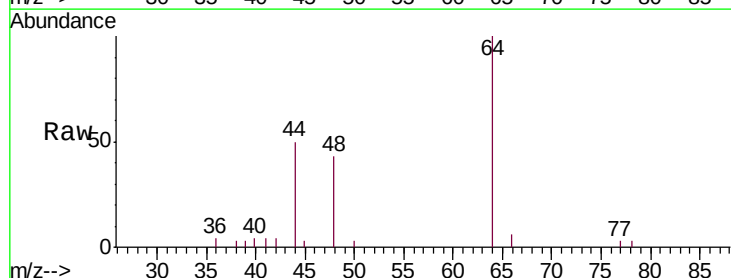
Acq: 19 Feb 2020 14:47

Tgt Ion: 64 Resp: 874

Ion Ratio Lower Upper

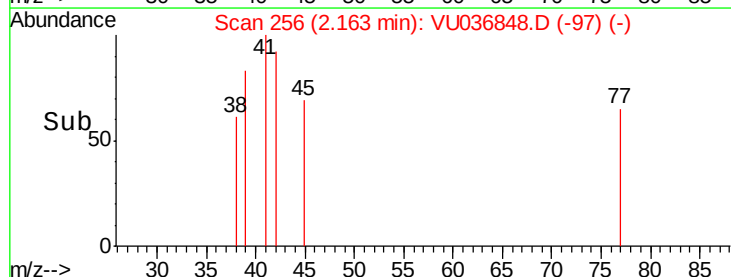
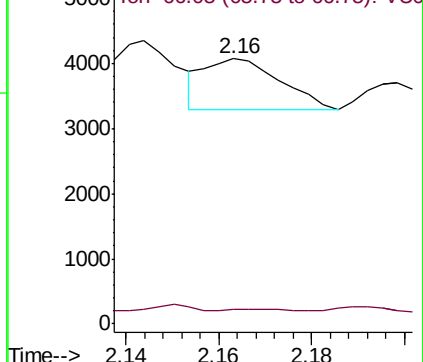
64 100

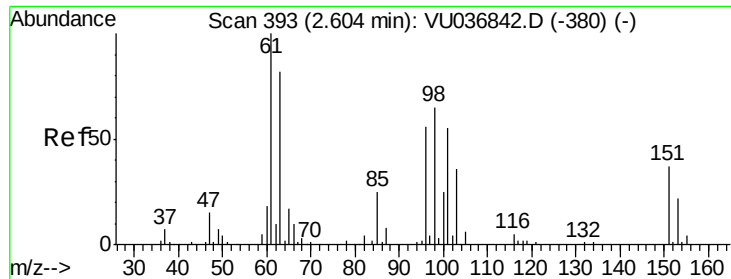
66 5.7 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

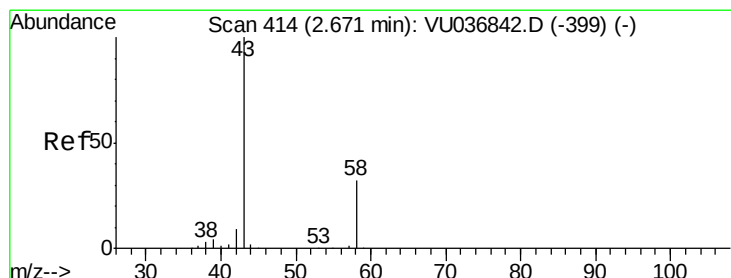
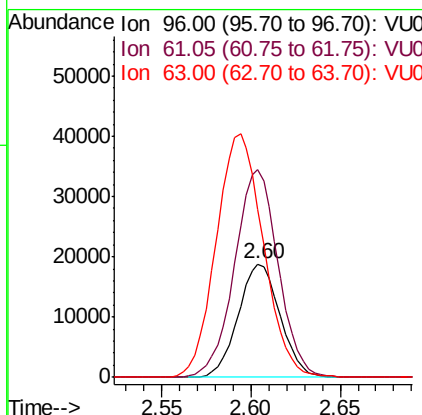
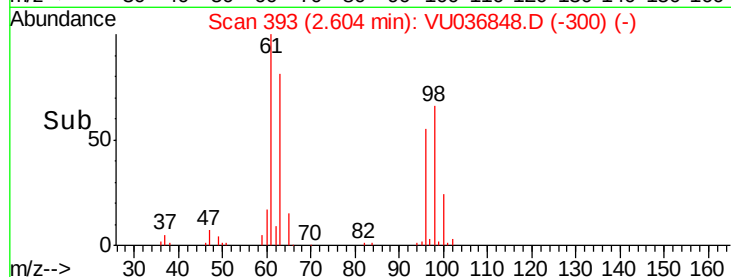
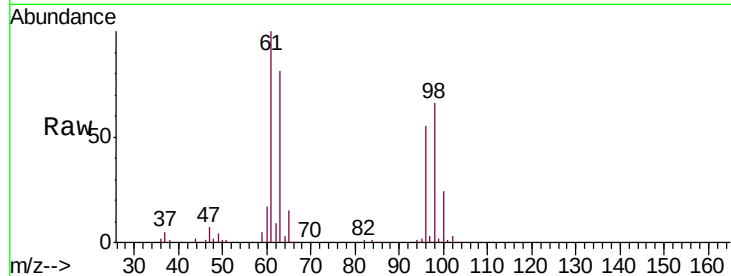




#12
 1,1-Dichloroethene
 Concen: 4.890 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU036848.D
 Acq: 19 Feb 2020 14:47

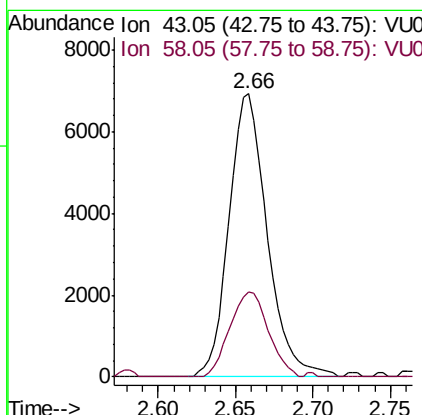
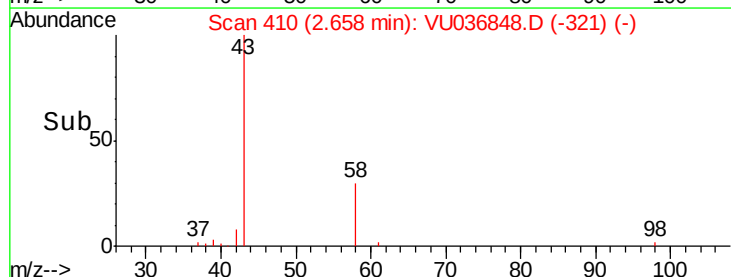
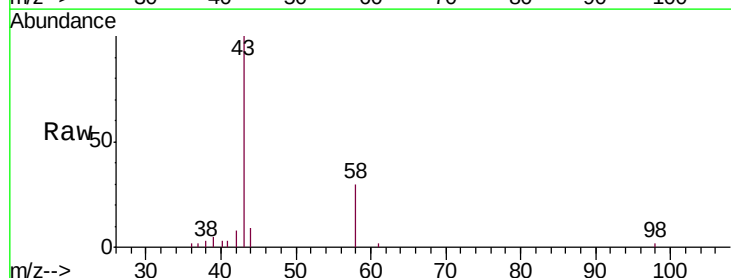
Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ5MSD

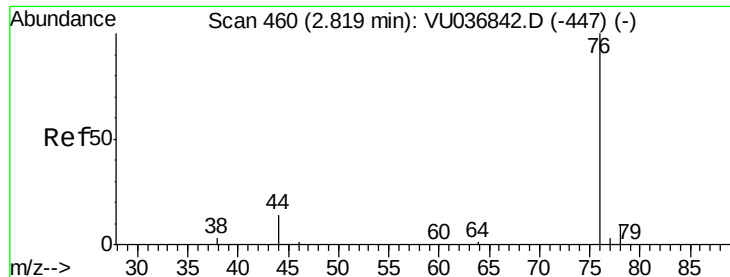
Tgt Ion: 96 Resp: 30902
 Ion Ratio Lower Upper
 96 100
 61 183.4 126.4 234.8
 63 148.4 89.5 166.3



#13
 Acetone
 Concen: 4.952 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU036848.D
 Acq: 19 Feb 2020 14:47

Tgt Ion: 43 Resp: 11864
 Ion Ratio Lower Upper
 43 100
 58 30.3 0.0 64.2





#14

Carbon disulfide

Concen: 0.090 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

Instrument :

MSVOA_U

ClientSampleId :

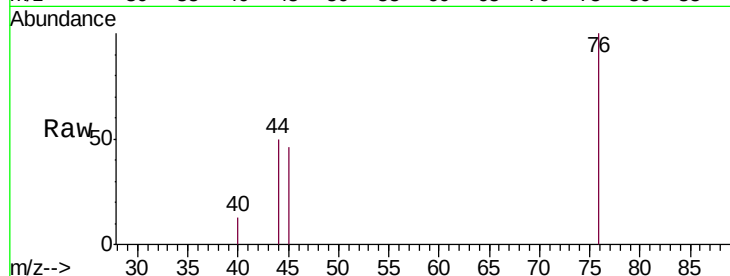
DBDJ5MSD

Tgt Ion: 76 Resp: 1380

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

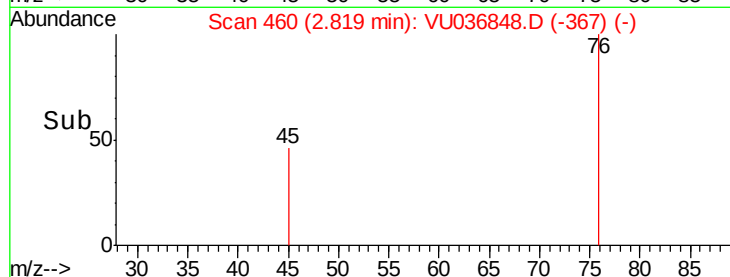


Abundance Ion 76.05 (75.75 to 76.75): VU036842.D (-447) (-)

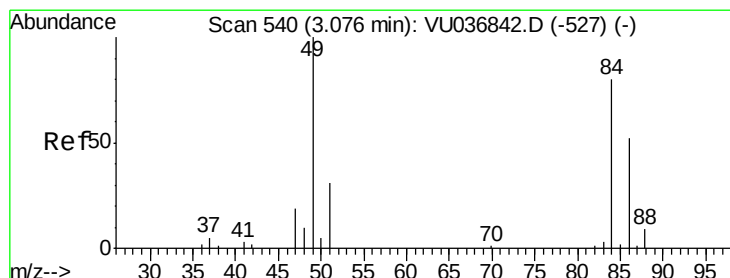
Ion 78.00 (77.70 to 78.70): VU036842.D (-447) (-)

2.82

Time-->



Time-->



#16

Methylene chloride

Concen: 0.089 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

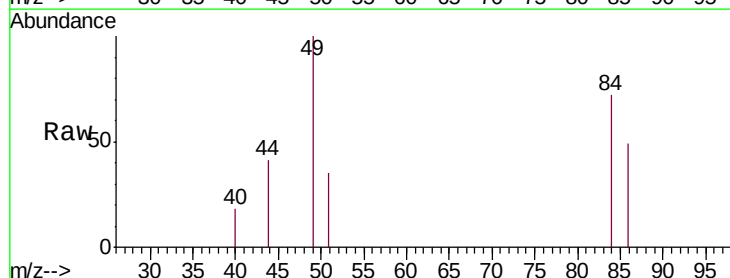
Tgt Ion: 84 Resp: 953

Ion Ratio Lower Upper

84 100

86 68.5 44.7 82.9

49 139.5 86.7 160.9



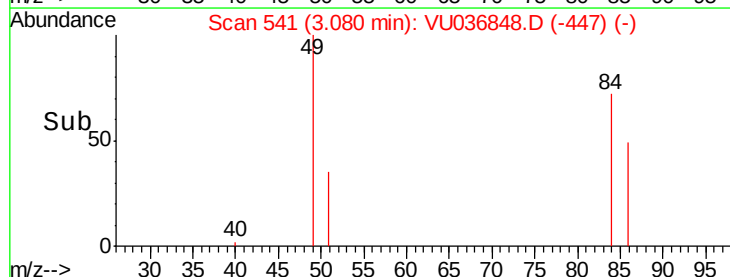
Abundance Ion 84.05 (83.75 to 84.75): VU036842.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036842.D (-527) (-)

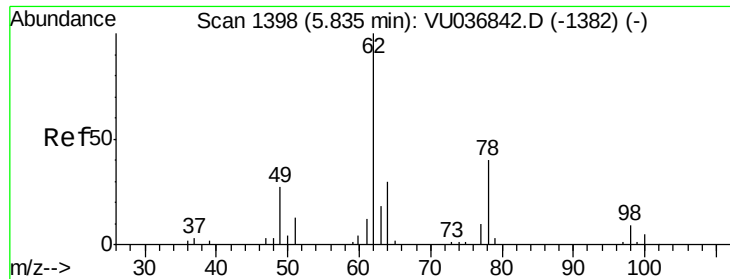
Ion 49.10 (48.80 to 49.80): VU036842.D (-527) (-)

3.08

Time-->



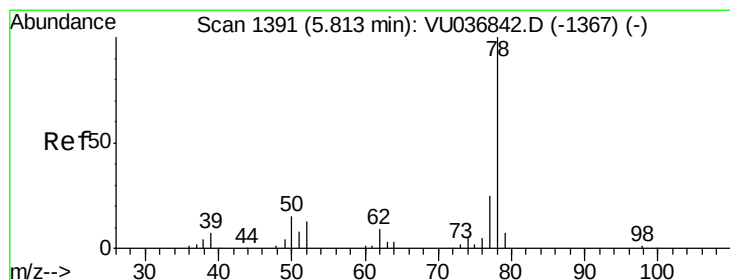
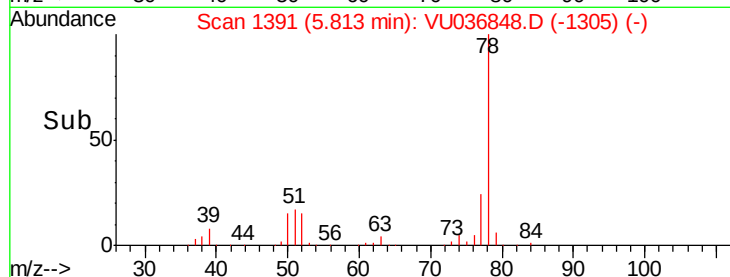
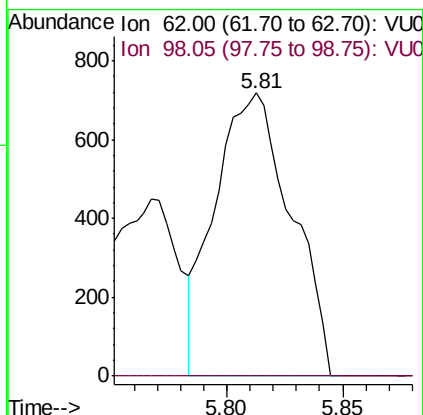
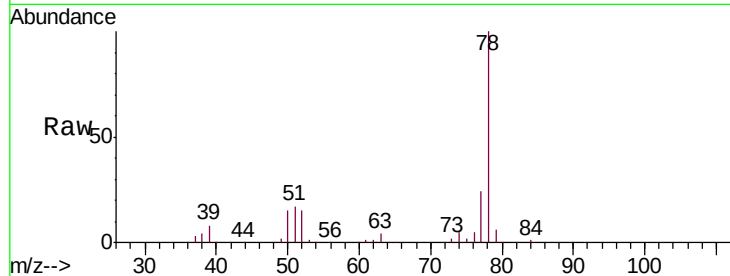
Time-->



#27
 1,2-Dichloroethane
 Concen: 0.176 ug/L
 RT: 5.81 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: VU036848.D
 Acq: 19 Feb 2020 14:47

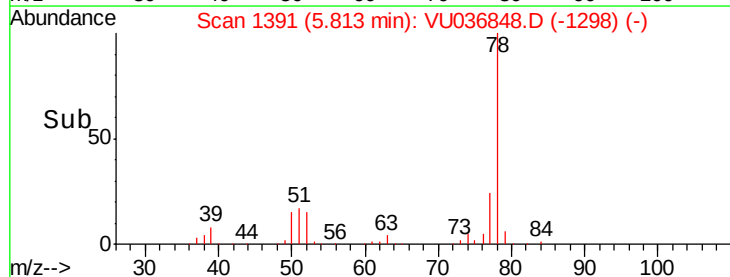
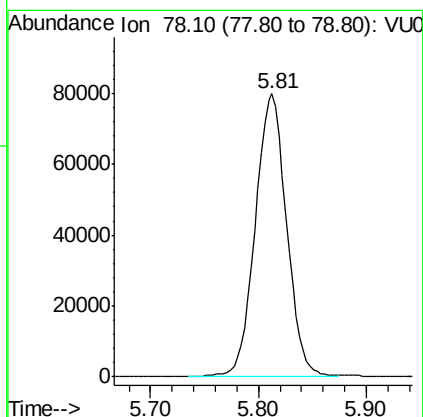
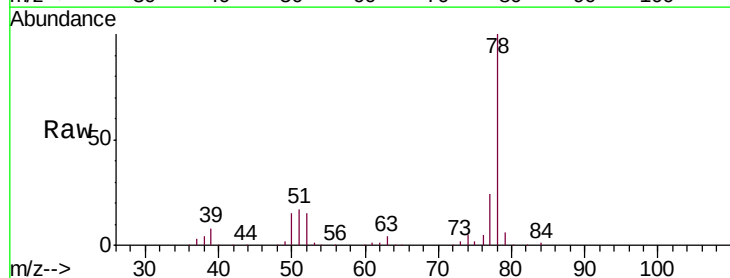
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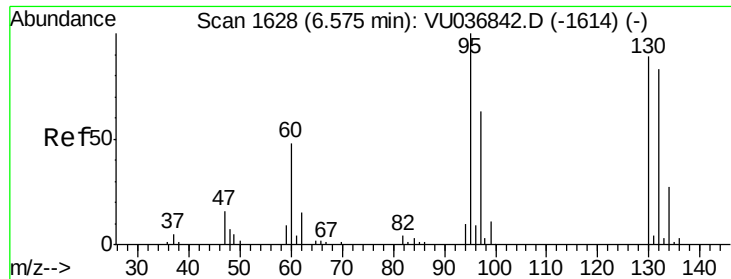
Tgt Ion: 62 Resp: 1641
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#33
 Benzene
 Concen: 5.327 ug/L
 RT: 5.81 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VU036848.D
 Acq: 19 Feb 2020 14:47

Tgt Ion: 78 Resp: 160934





#34

Trichloroethene

Concen: 5.155 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

Instrument :

MSVOA_U

ClientSampleId :

DBDJ5MSD

Tgt Ion: 95 Resp: 39665

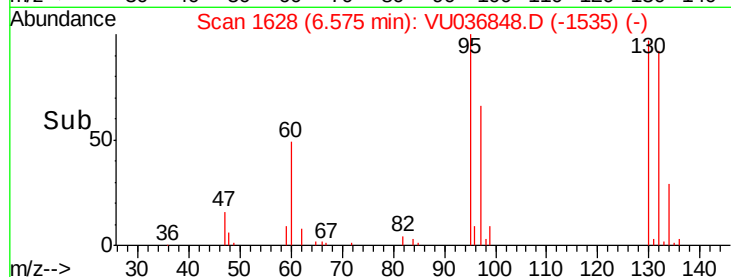
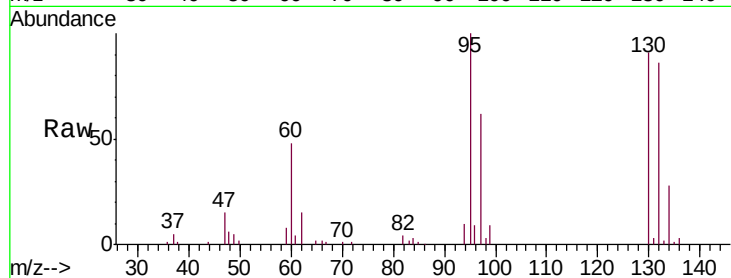
Ion Ratio Lower Upper

95 100

97 62.5 45.6 84.8

132 86.1 62.8 116.6

130 91.1 63.8 118.4

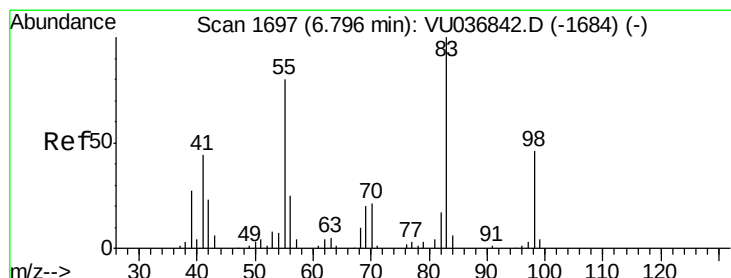
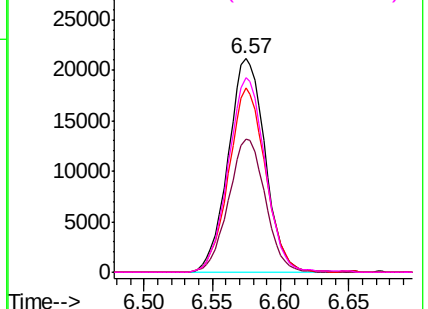


Abundance Ion 95.00 (94.70 to 95.70): VU036848.D (-1535) (-)

Ion 96.95 (96.65 to 97.65): VU036848.D (-1535) (-)

Ion 131.95 (131.65 to 132.65): VU036848.D (-1535) (-)

Ion 129.95 (129.65 to 130.65): VU036848.D (-1535) (-)



#35

Methylcyclohexane

Concen: 0.928 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

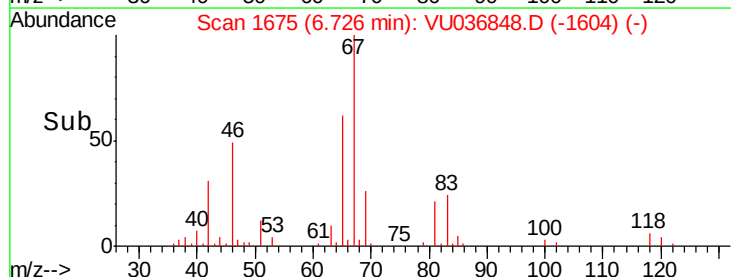
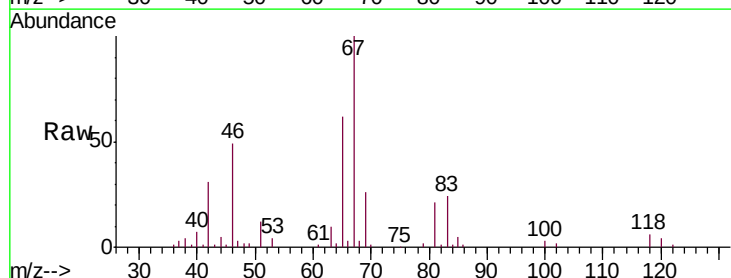
Tgt Ion: 83 Resp: 11336

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.4#

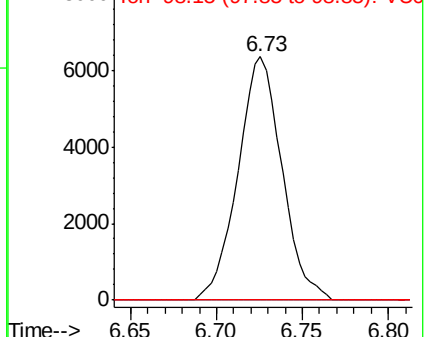
98 0.0 34.2 51.4#

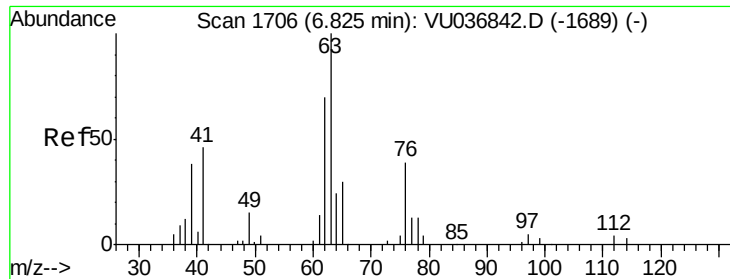


Abundance Ion 83.15 (82.85 to 83.85): VU036848.D (-1604) (-)

Ion 55.10 (54.80 to 55.80): VU036848.D (-1604) (-)

Ion 98.15 (97.85 to 98.85): VU036848.D (-1604) (-)

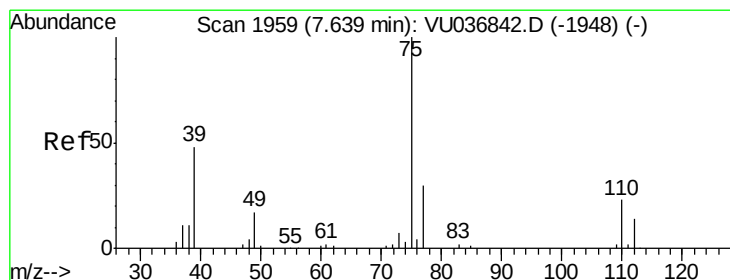
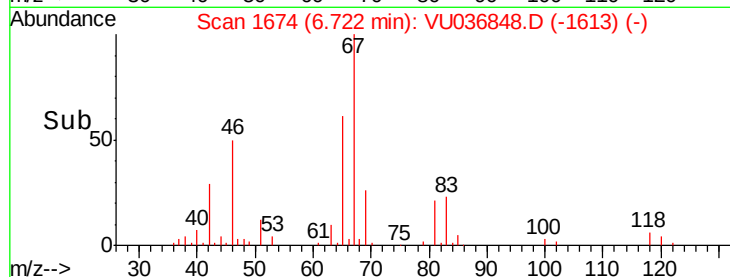
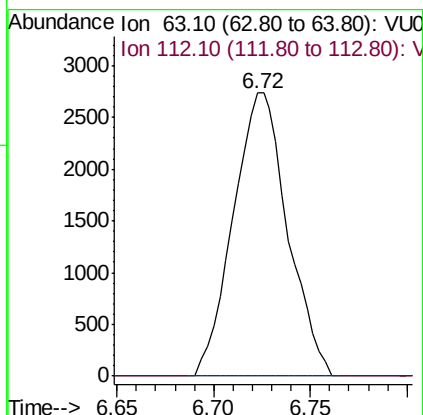
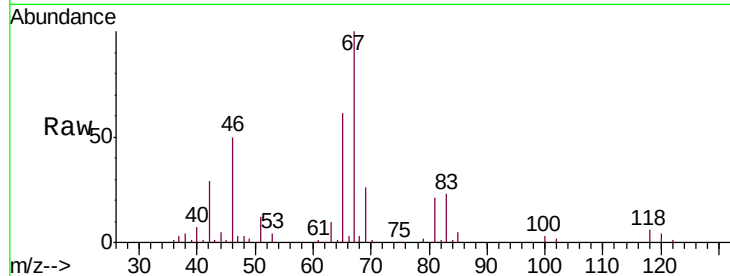




#37
 1,2-Dichloropropane
 Concen: 0.648 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU036848.D
 Acq: 19 Feb 2020 14:47

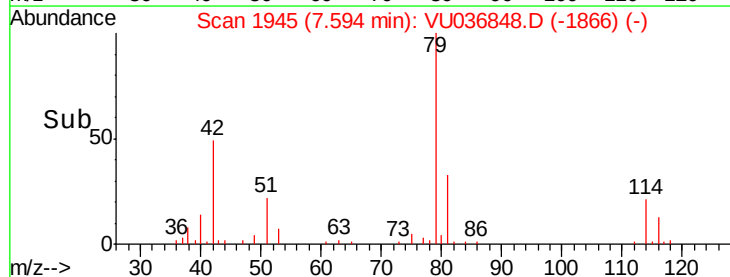
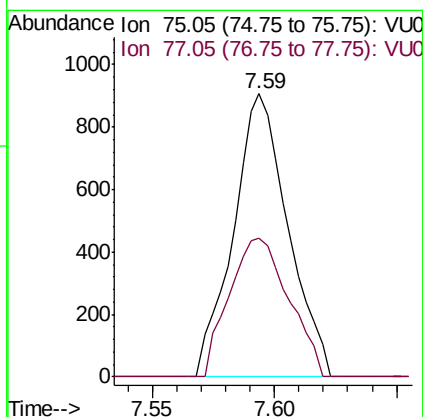
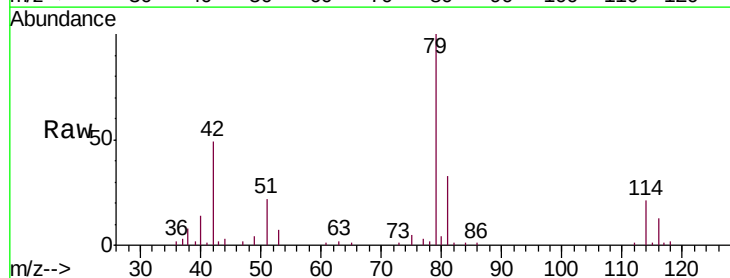
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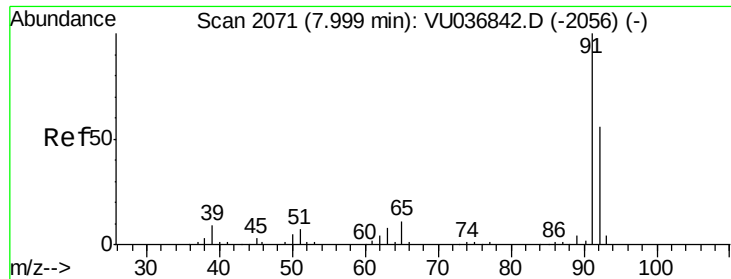
Tgt Ion: 63 Resp: 5347
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.05 min
 Lab File: VU036848.D
 Acq: 19 Feb 2020 14:47

Tgt Ion: 75 Resp: 1405
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.5 41.9#





#42

Toluene

Concen: 5.356 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

Instrument :

MSVOA_U

ClientSampleId :

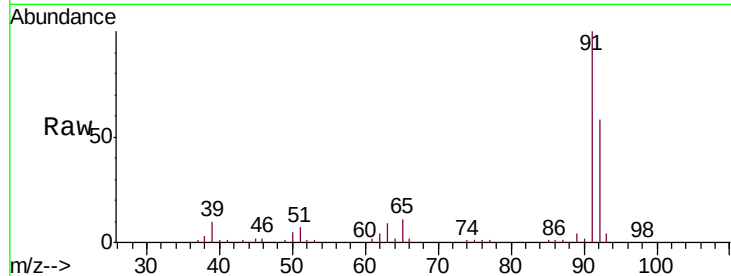
DBDJ5MSD

Tgt Ion: 91 Resp: 173774

Ion Ratio Lower Upper

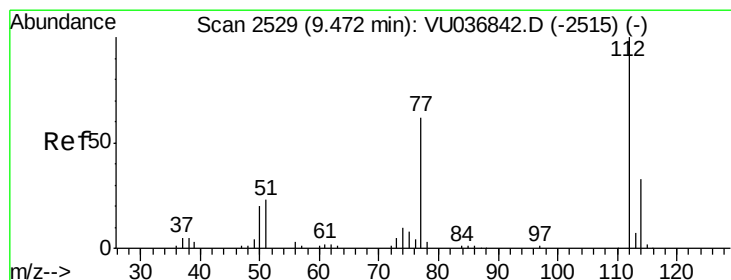
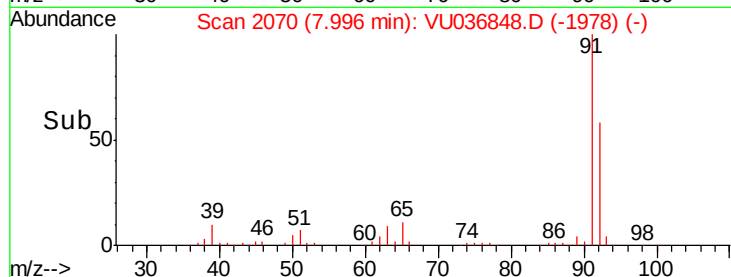
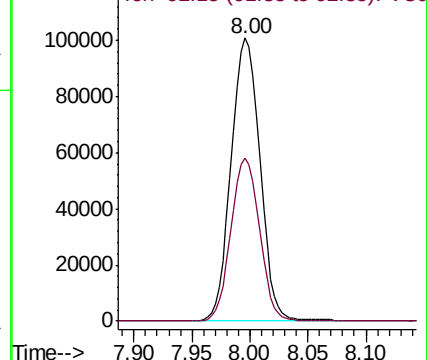
91 100

92 57.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036842.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036842.D (-2056) (-)



#51

Chlorobenzene

Concen: 5.295 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

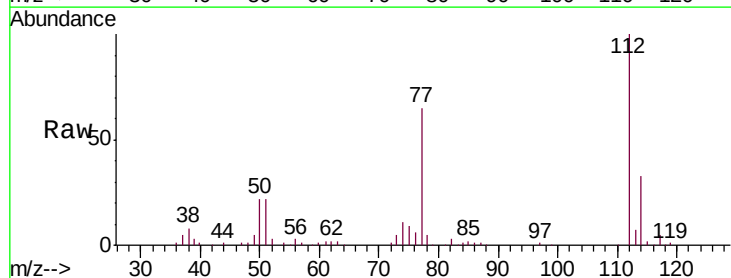
Tgt Ion: 112 Resp: 106270

Ion Ratio Lower Upper

112 100

114 32.5 22.9 42.5

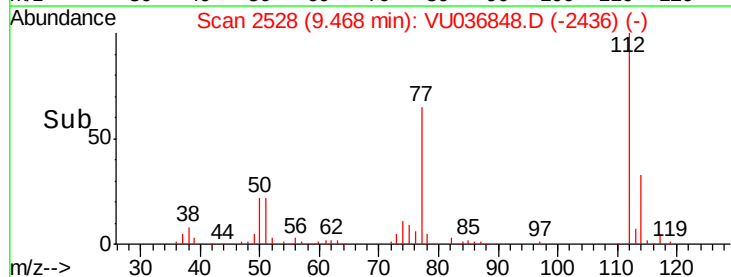
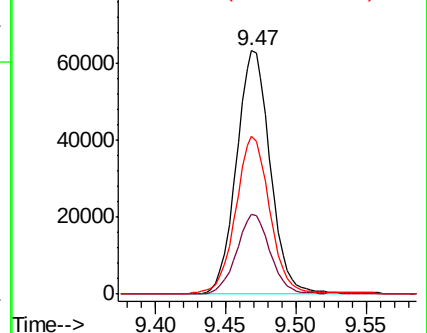
77 64.7 51.0 76.4

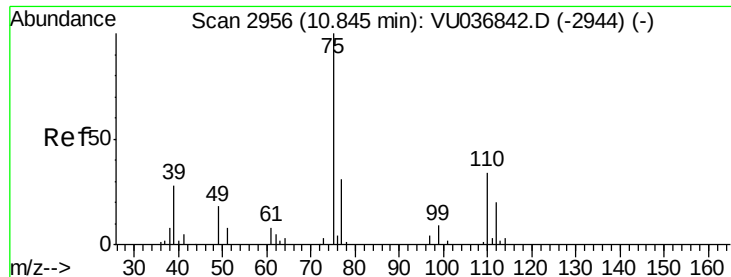


Abundance Ion 112.10 (111.80 to 112.80): VU036842.D (-2515) (-)

Ion 114.05 (113.75 to 114.75): VU036842.D (-2515) (-)

Ion 77.10 (76.80 to 77.80): VU036842.D (-2515) (-)





#59

1,2,3-Trichloropropane

Concen: 1.010 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

Instrument :

MSVOA_U

ClientSampleId :

DBDJ5MSD

Tgt Ion: 75 Resp: 5502

Ion Ratio Lower Upper

75 100

77 40.4 25.6 38.4#

