

Data File : VU036847.D
Acq On : 19 Feb 2020 14:22
Operator : JC/MD
Sample : L1580-03MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ5MS

Quant Time: Feb 20 04:49:15 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	6.28	114	104027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	98895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39119	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45504	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.93	69	40694	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	75576	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.67	46	101421	54.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	5.11	84	74070	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.74	65	41209	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.76	84	160747	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.73	67	51205	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.93	98	143455	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.20	79	17080	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.66	63	83529	49.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37959	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	43961	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

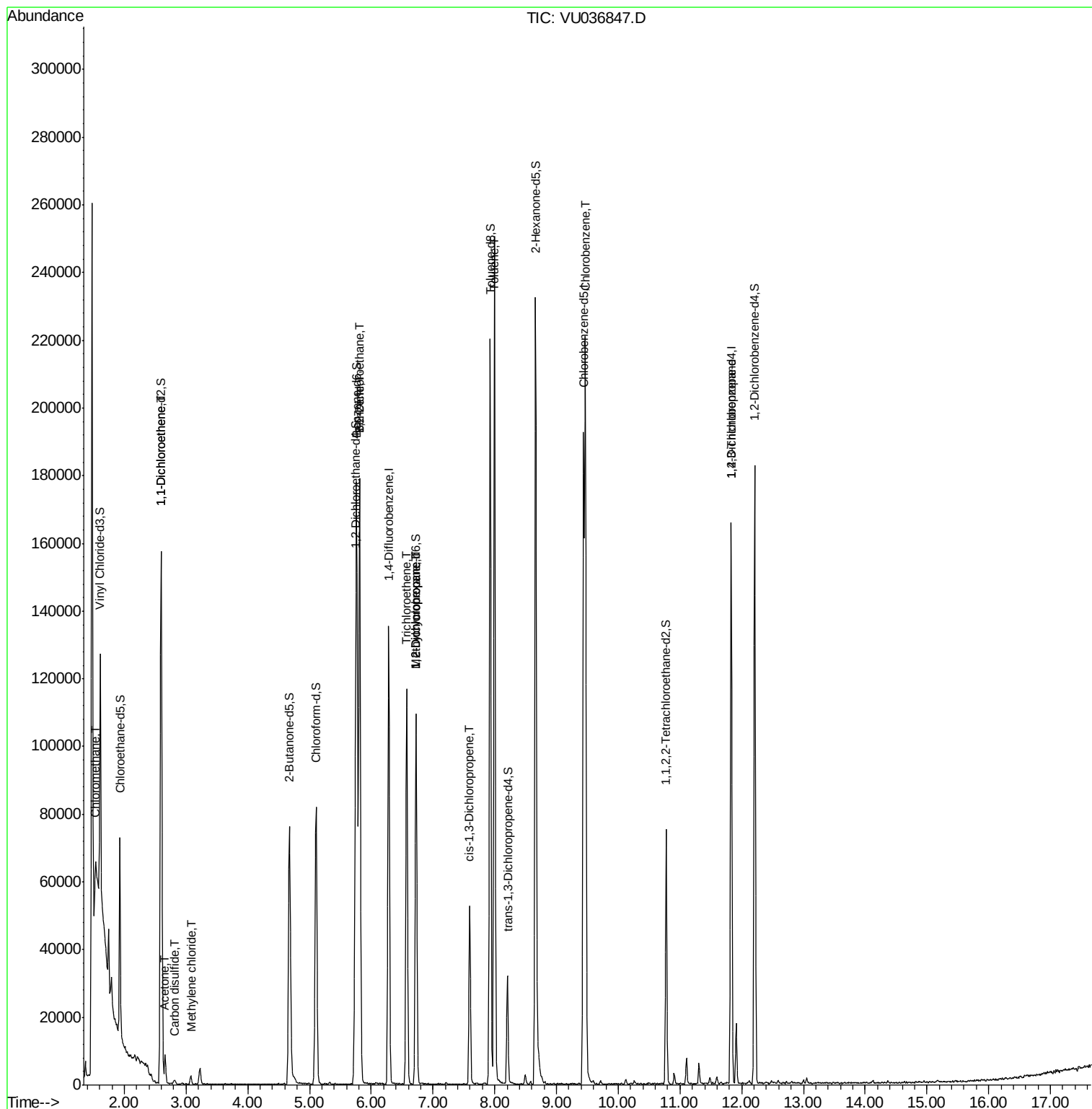
					Qvalue
3) Chloromethane	1.54	50	1286	0.180 ug/L #	60
12) 1,1-Dichloroethene	2.60	96	31941	5.048 ug/L	97
13) Acetone	2.66	43	9520	3.968 ug/L	97
14) Carbon disulfide	2.82	76	1286	0.084 ug/L #	75
16) Methylene chloride	3.08	84	1133	0.106 ug/L	90
27) 1,2-Dichloroethane	5.82	62	1706	0.183 ug/L #	76
33) Benzene	5.81	78	164597	5.396 ug/L	100
34) Trichloroethene	6.57	95	40336	5.192 ug/L	98
35) Methylcyclohexane	6.73	83	11147	0.904 ug/L #	24
37) 1,2-Dichloropropane	6.72	63	5583	0.670 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1267	0.105 ug/L #	50
42) Toluene	8.00	91	178883	5.460 ug/L	96
51) Chlorobenzene	9.47	112	110607	5.458 ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	6093	1.108 ug/L	92

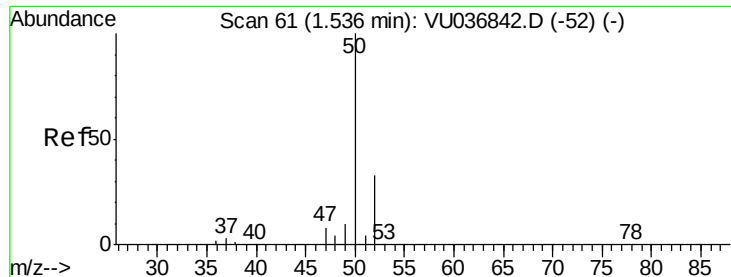
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.180 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

Instrument :

MSVOA_U

ClientSampleId :

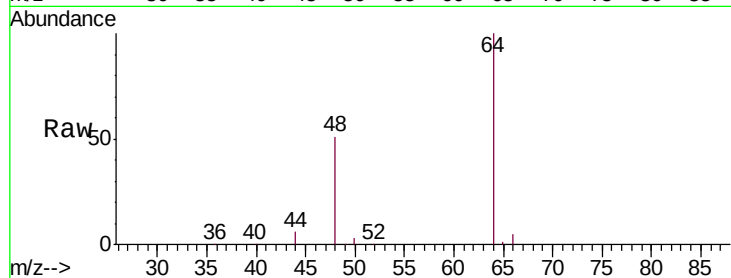
DBDJ5MS

Tgt Ion: 50 Resp: 1286

Ion Ratio Lower Upper

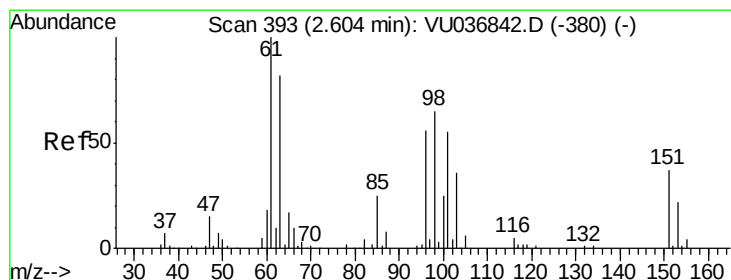
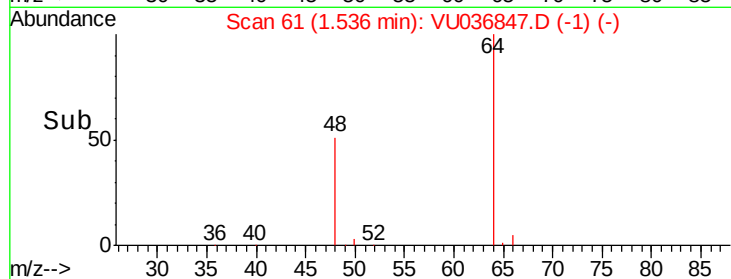
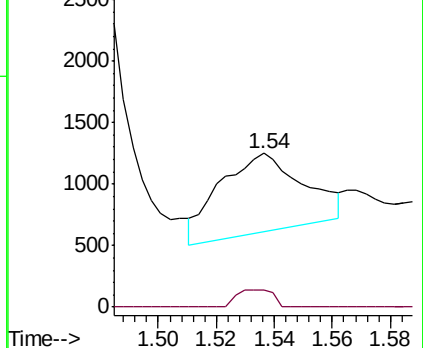
50 100

52 10.9 23.8 44.2#



Abundance Ion 50.05 (49.75 to 50.75): VU036847.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU036847.D (-52) (-)



#12

1,1-Dichloroethene

Concen: 5.048 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

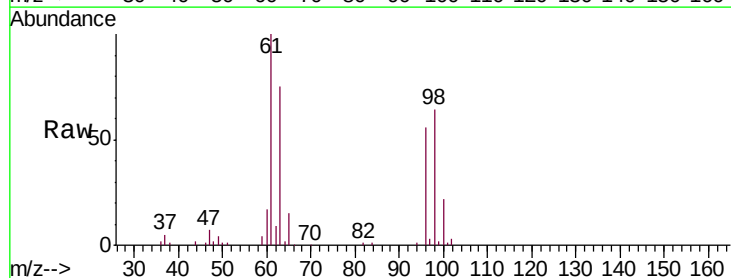
Tgt Ion: 96 Resp: 31941

Ion Ratio Lower Upper

96 100

61 179.1 126.4 234.8

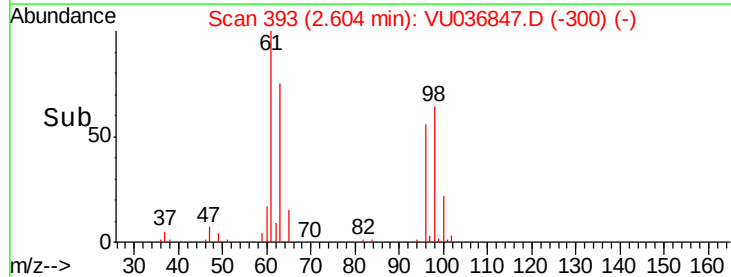
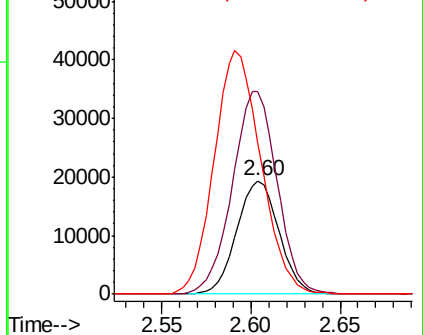
63 133.6 89.5 166.3

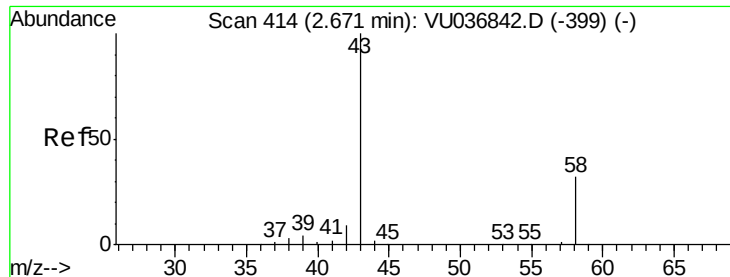


Abundance Ion 96.00 (95.70 to 96.70): VU036847.D (-380) (-)

Ion 61.05 (60.75 to 61.75): VU036847.D (-380) (-)

Ion 63.00 (62.70 to 63.70): VU036847.D (-380) (-)





#13

Acetone

Concen: 3.968 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

Instrument :

MSVOA_U

ClientSampleId :

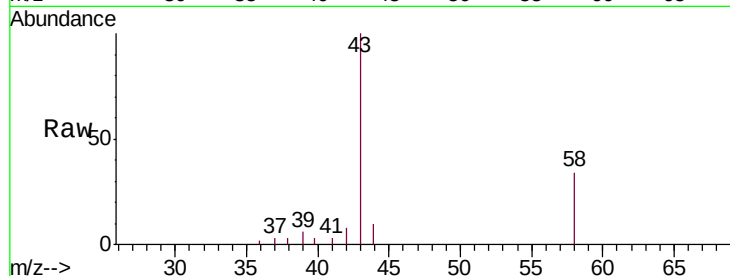
DBDJ5MS

Tgt Ion: 43 Resp: 9520

Ion Ratio Lower Upper

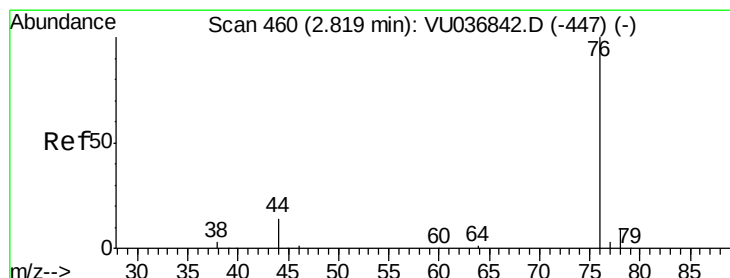
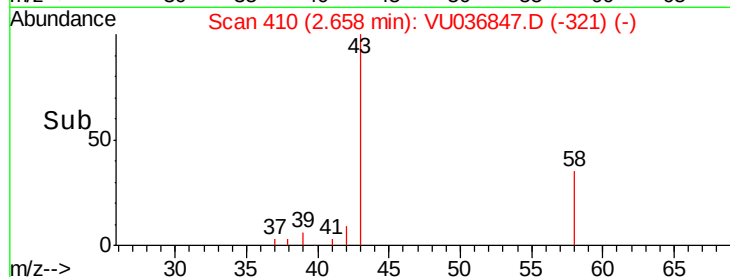
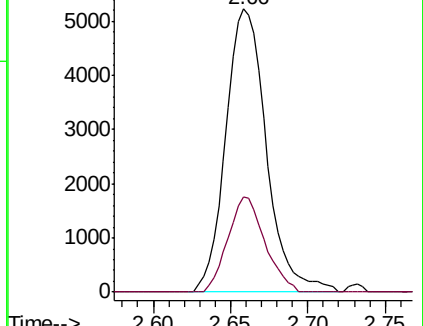
43 100

58 30.5 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036842.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036842.D (-399) (-)



#14

Carbon disulfide

Concen: 0.084 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU036847.D

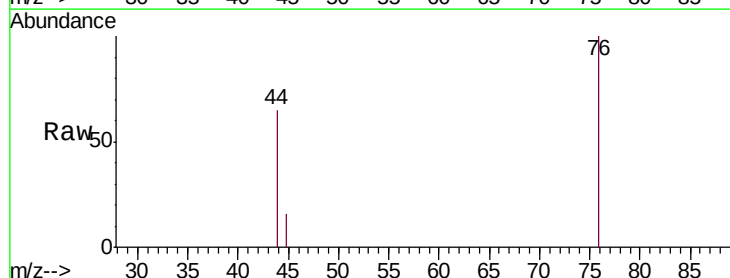
Acq: 19 Feb 2020 14:22

Tgt Ion: 76 Resp: 1286

Ion Ratio Lower Upper

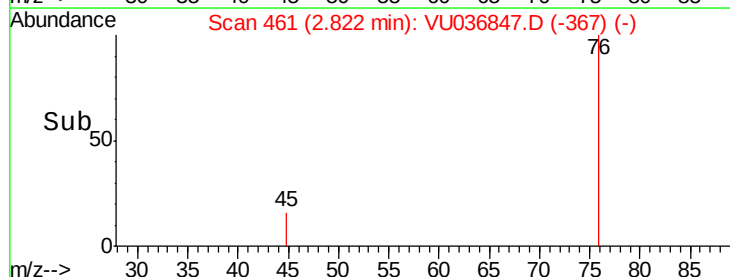
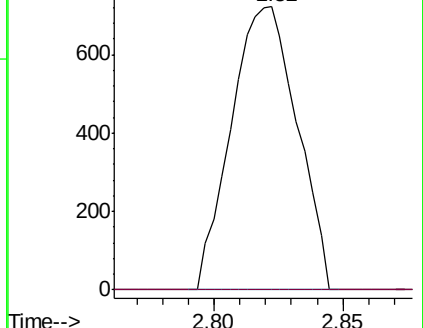
76 100

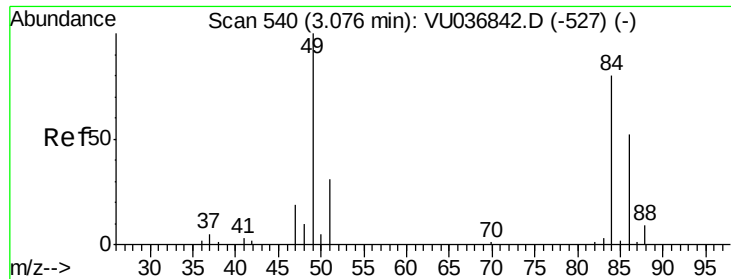
78 0.0 7.2 10.8#



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

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

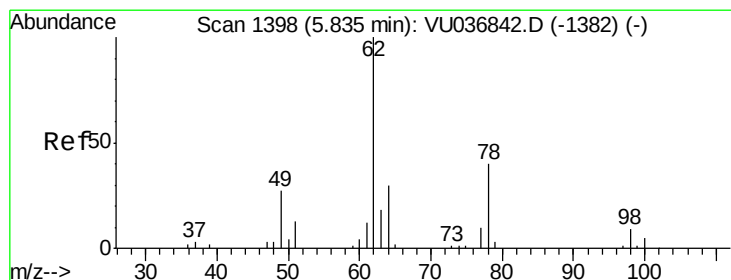
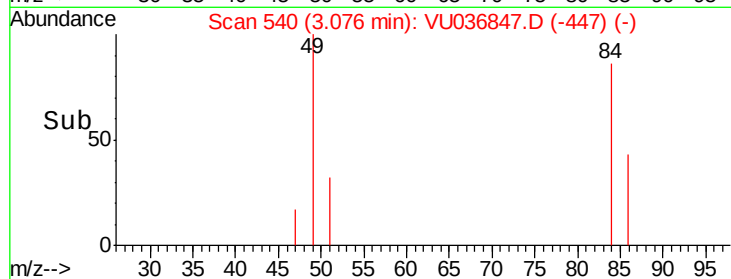
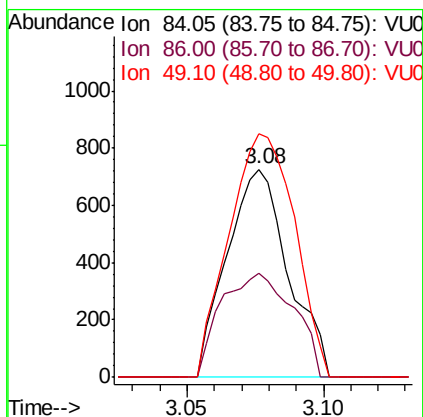
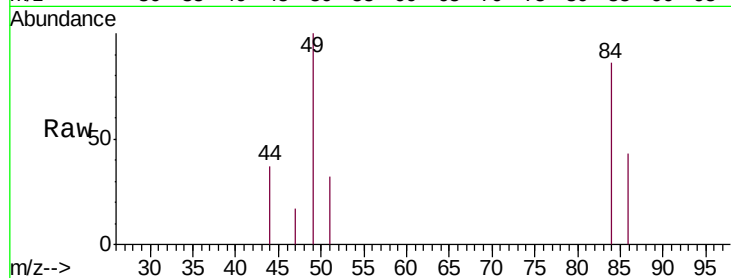




#16
Methylene chloride
Concen: 0.106 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU036847.D
Acq: 19 Feb 2020 14:22

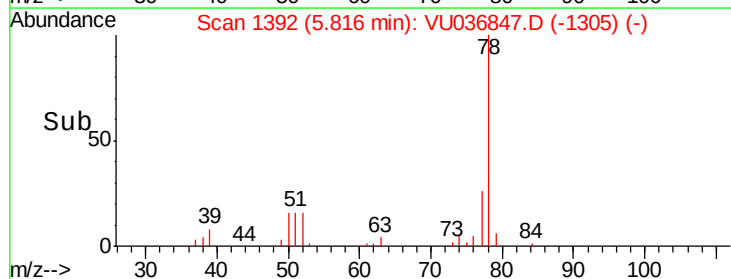
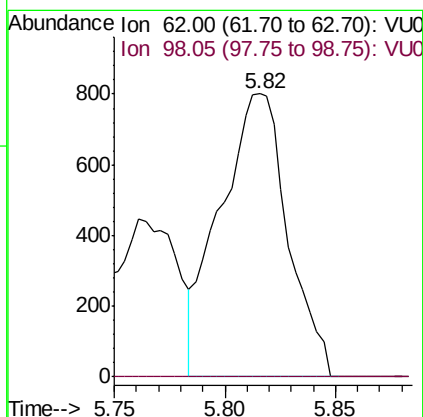
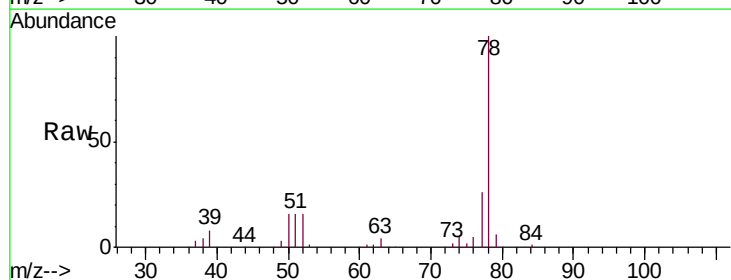
Instrument :
MSVOA_U
ClientSampleId :
DBDJ5MS

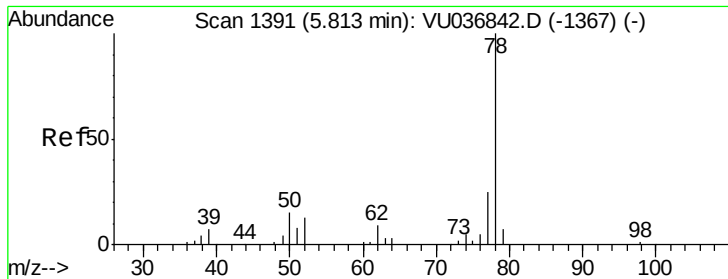
Tgt Ion: 84 Resp: 1133
Ion Ratio Lower Upper
84 100
86 50.1 44.7 82.9
49 116.9 86.7 160.9



#27
1,2-Dichloroethane
Concen: 0.183 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.02 min
Lab File: VU036847.D
Acq: 19 Feb 2020 14:22

Tgt Ion: 62 Resp: 1706
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#





#33

Benzene

Concen: 5.396 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

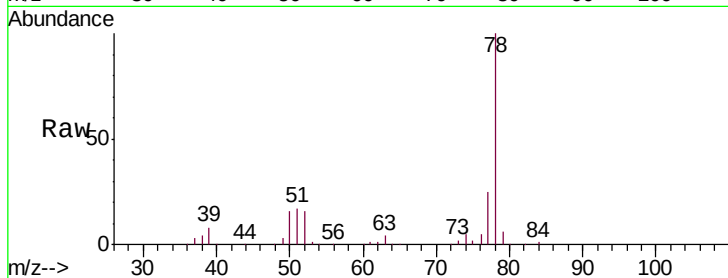
Instrument :

MSVOA_U

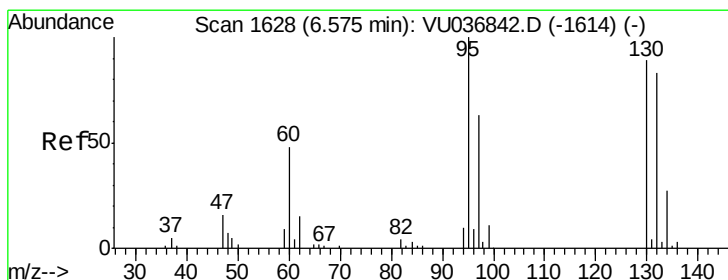
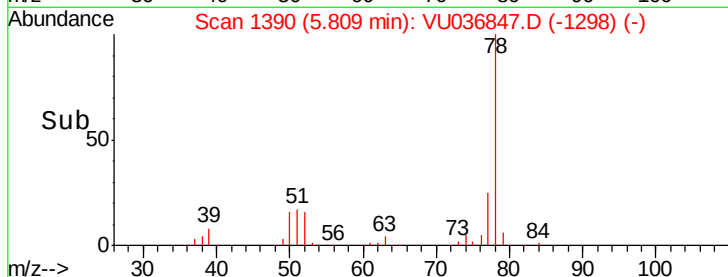
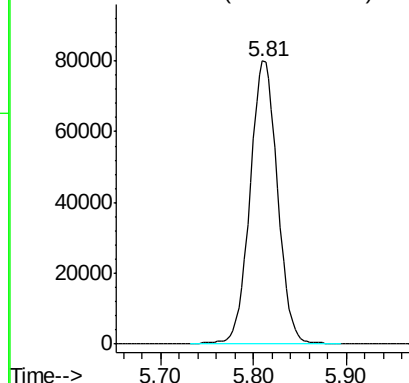
ClientSampleId :

DBDJ5MS

Tgt Ion: 78 Resp: 164597



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.192 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

Tgt Ion: 95 Resp: 40336

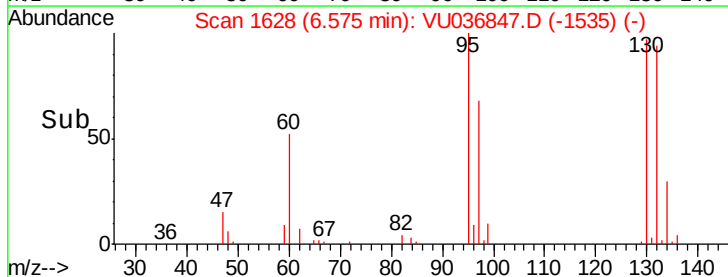
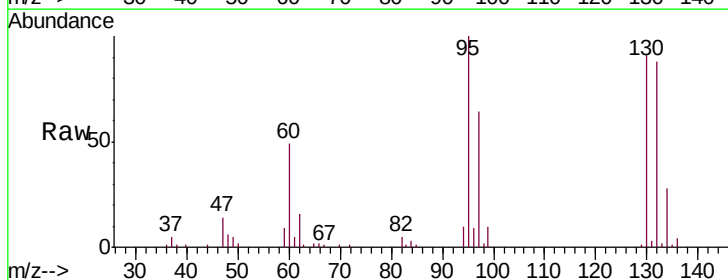
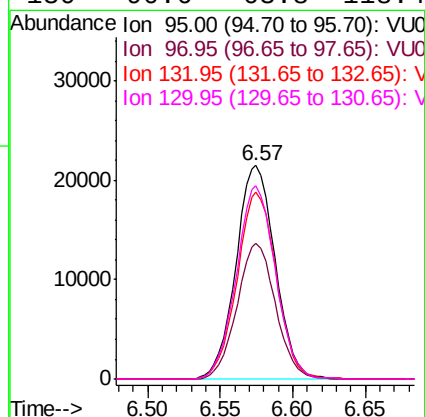
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.6	84.8
132	87.6	62.8	116.6
130	90.6	63.8	118.4

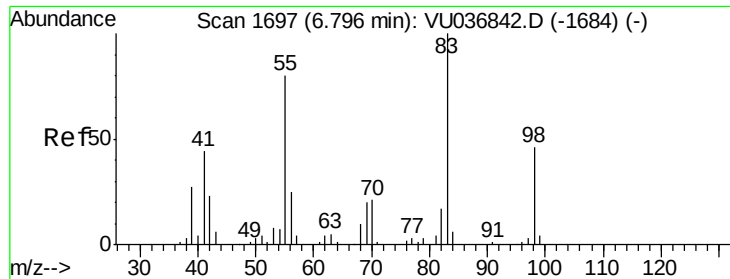
Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

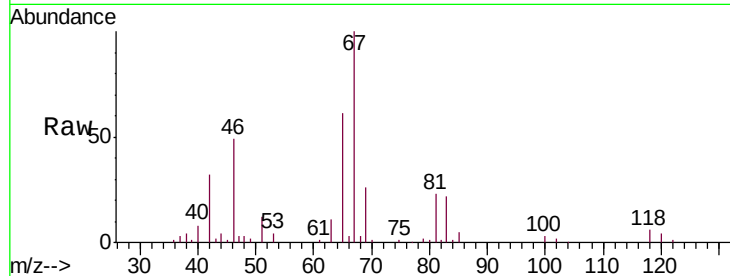




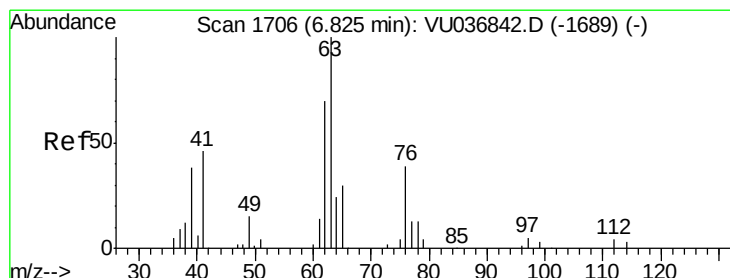
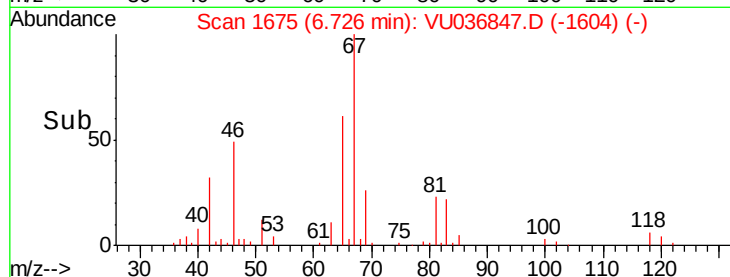
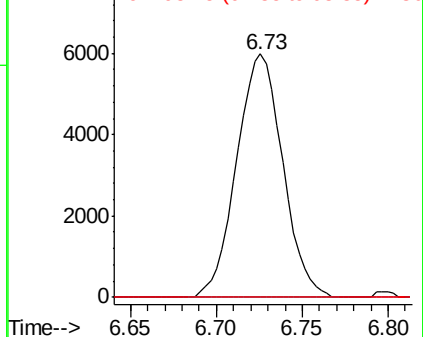
#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036847.D
Acq: 19 Feb 2020 14:22

Instrument :
MSVOA_U
ClientSampleId :
DBDJ5MS

Tgt Ion: 83 Resp: 11147
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 8.1 34.2 51.4#

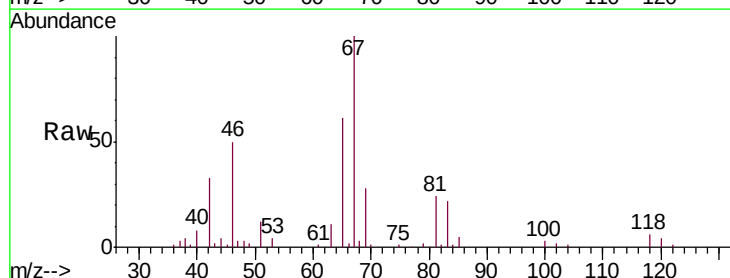


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

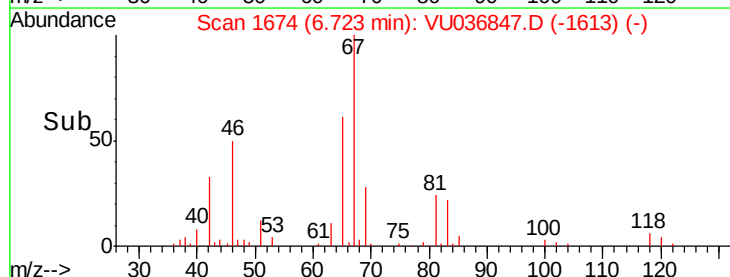
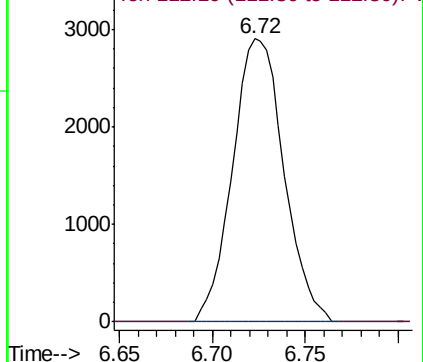


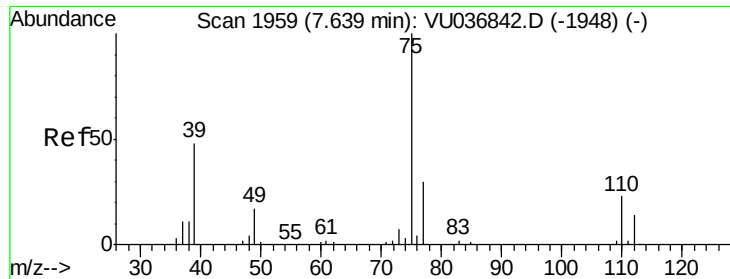
#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU036847.D
Acq: 19 Feb 2020 14:22

Tgt Ion: 63 Resp: 5583
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



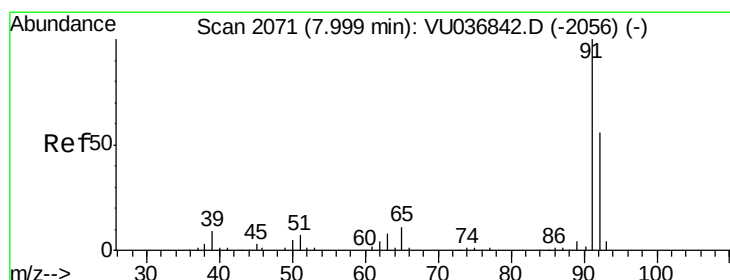
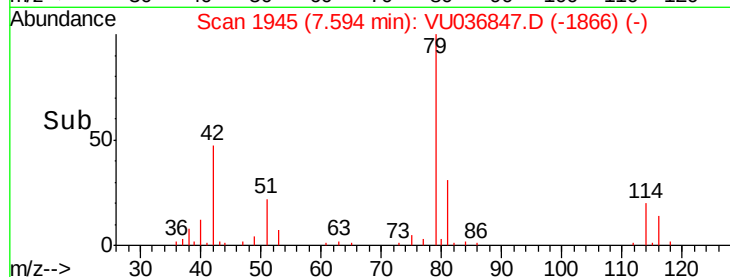
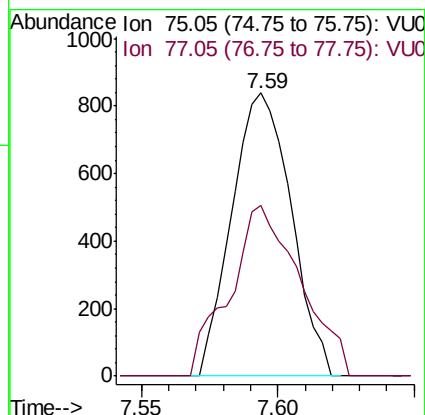
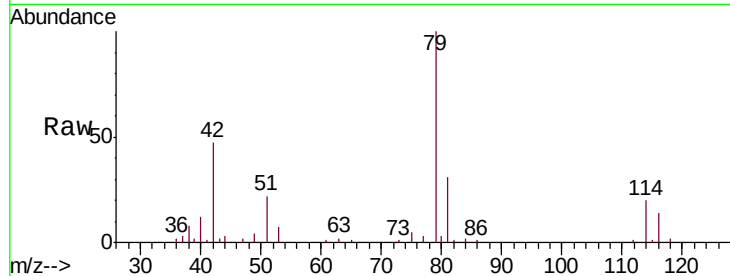


#39

cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 7.59 min Scan# 1945
Delta R.T. -0.05 min
Lab File: VU036847.D
Acq: 19 Feb 2020 14:22

Instrument :
MSVOA_U
ClientSampleId :
DBDJ5MS

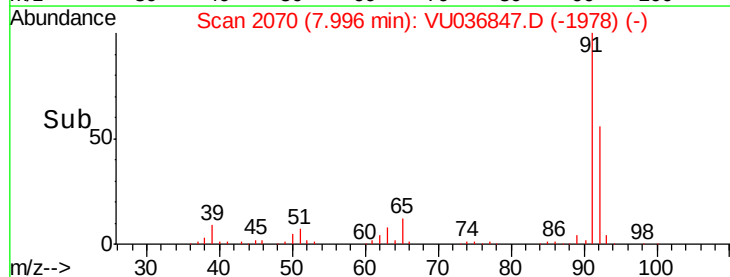
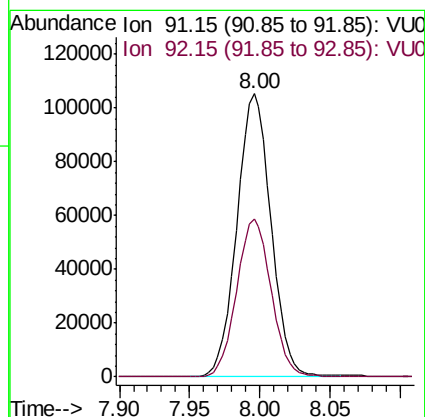
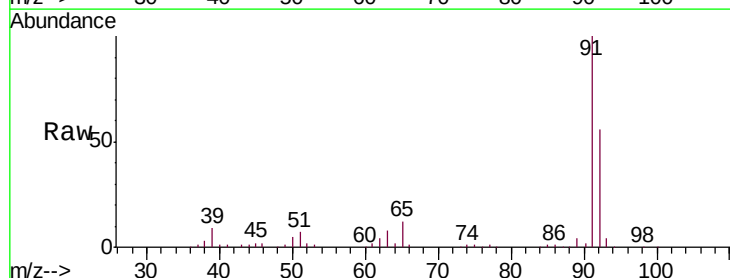
Tgt Ion: 75 Resp: 1267
Ion Ratio Lower Upper
75 100
77 60.4 22.5 41.9#

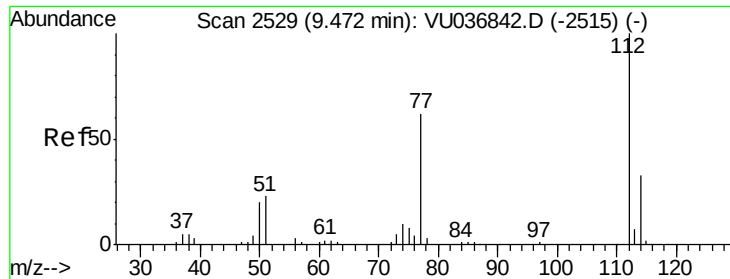


#42

Toluene
Concen: 5.460 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. -0.00 min
Lab File: VU036847.D
Acq: 19 Feb 2020 14:22

Tgt Ion: 91 Resp: 178883
Ion Ratio Lower Upper
91 100
92 55.8 41.2 76.4





#51

Chlorobenzene

Concen: 5.458 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

Instrument :

MSVOA_U

ClientSampleId :

DBDJ5MS

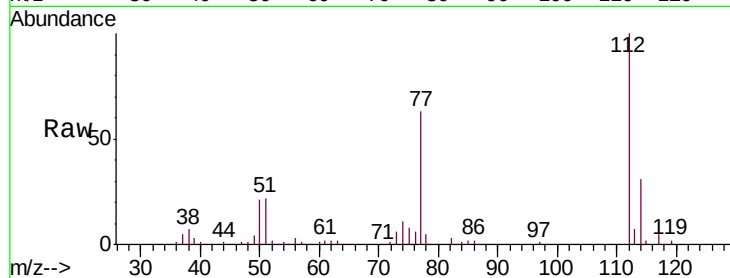
Tgt Ion: 112 Resp: 110607

Ion Ratio Lower Upper

112 100

114 31.3 22.9 42.5

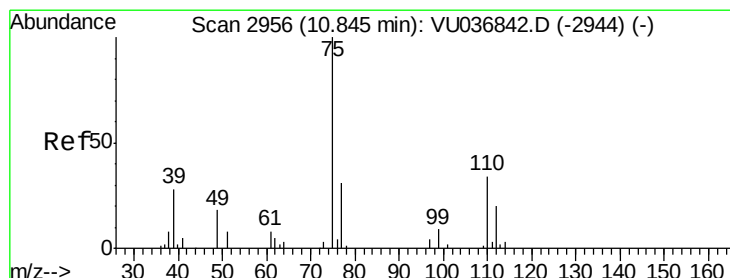
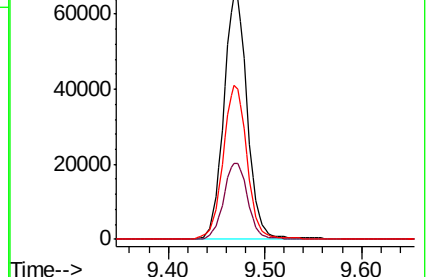
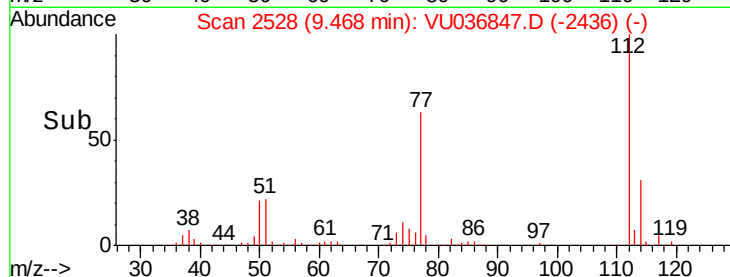
77 63.0 51.0 76.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#59

1,2,3-Trichloropropane

Concen: 1.108 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036847.D

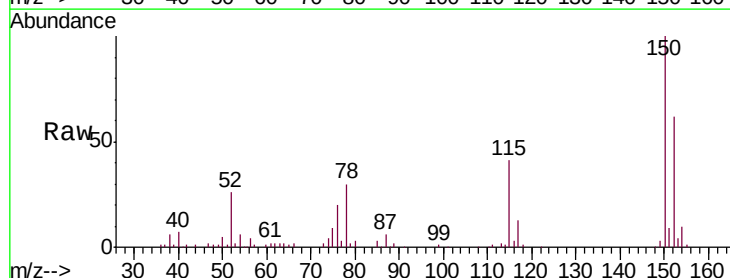
Acq: 19 Feb 2020 14:22

Tgt Ion: 75 Resp: 6093

Ion Ratio Lower Upper

75 100

77 36.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

