

Data File : VU036850.D
Acq On : 19 Feb 2020 15:37
Operator : JC/MD
Sample : L1580-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ7

Quant Time: Feb 20 04:49:50 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	130842	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	60416	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48370	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	43663	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.59	63	63522	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.67	46	112932	47.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.72%
24) Chloroform-d	5.11	84	75933	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.74	65	43661	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.76	84	172209	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	53822	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.92	98	156345	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.20	79	18920	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.66	63	97782	46.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.18%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41837	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	52068	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

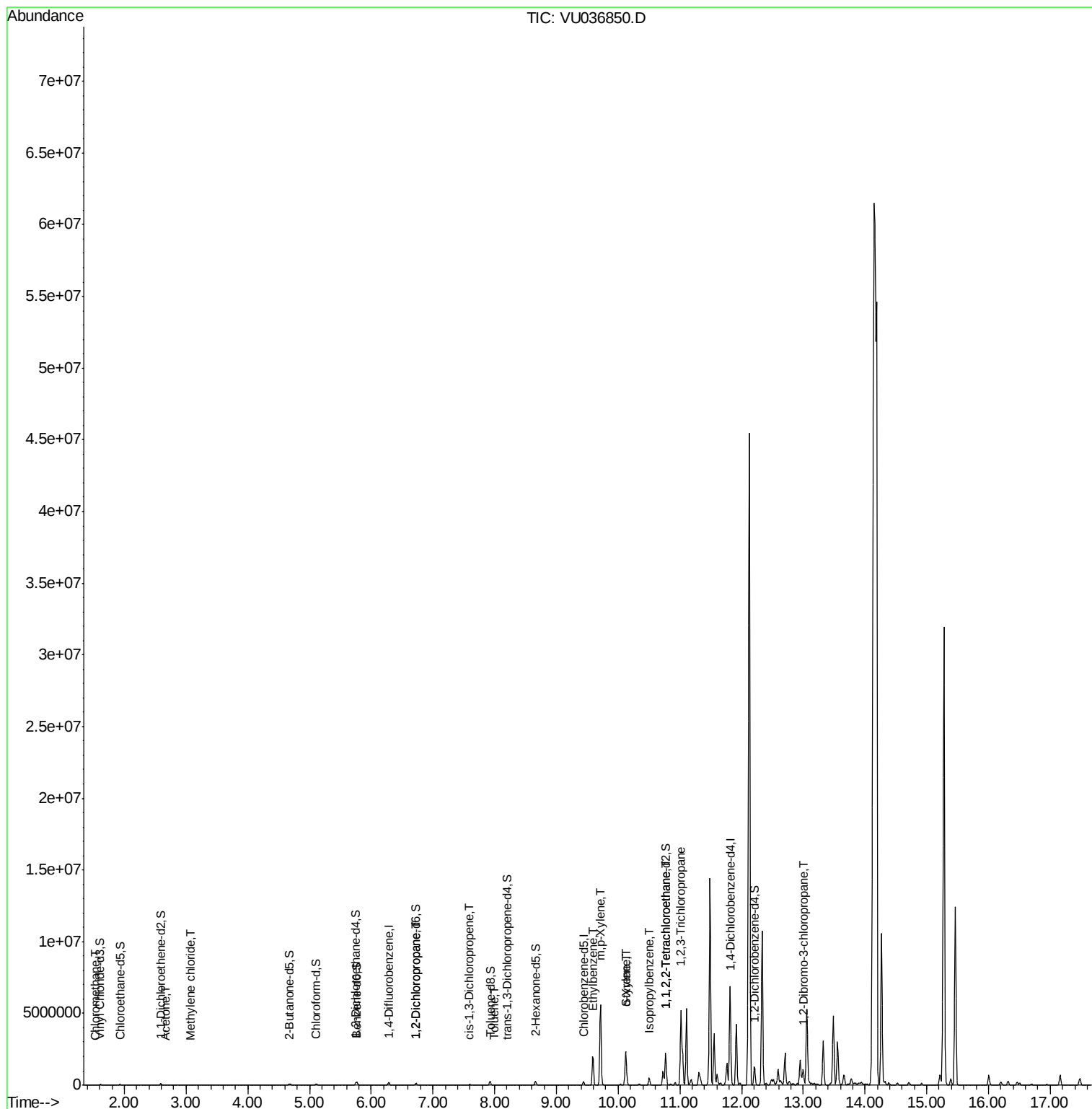
					Qvalue
3) Chloromethane	1.54	50	2429	0.270 ug/L	96
13) Acetone	2.66	43	10601	3.513 ug/L	98
16) Methylene chloride	3.08	84	811	0.060 ug/L	77
37) 1,2-Dichloropropane	6.73	63	5968	0.572 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1288	0.085 ug/L #	51
42) Toluene	8.00	91	14979	0.365 ug/L	100
52) Ethylbenzene	9.59	91	1419824	30.983 ug/L	99
53) m,p-Xylene	9.72	106	1521064	90.190 ug/L	96
54) o-Xylene	10.12	106	524688	31.681 ug/L	97
55) Styrene	10.13	104	341894	12.246 ug/L	90
56) Isopropylbenzene	10.50	105	325908	7.353 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.77	83	2332	0.245 ug/L #	62
59) 1,2,3-Trichloropropane	11.02	75	37761	5.483 ug/L #	1
66) 1,2-Dibromo-3-chloropropan	13.00	75	3202	2.138 ug/L #	11

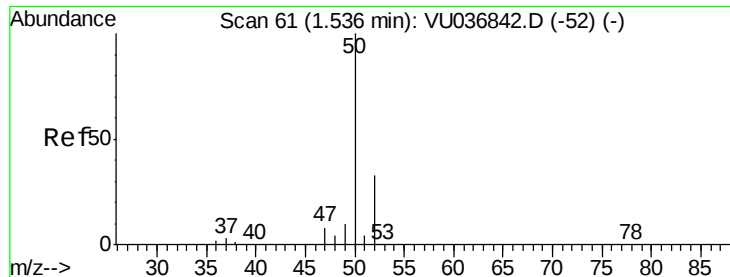
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.270 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036850.D

Acq: 19 Feb 2020 15:37

Instrument :

MSVOA_U

ClientSampleId :

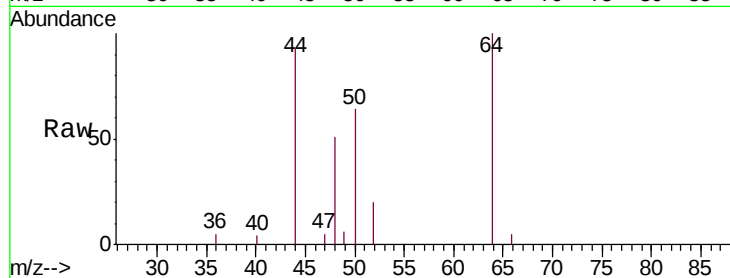
DBDJ7

Tgt Ion: 50 Resp: 2429

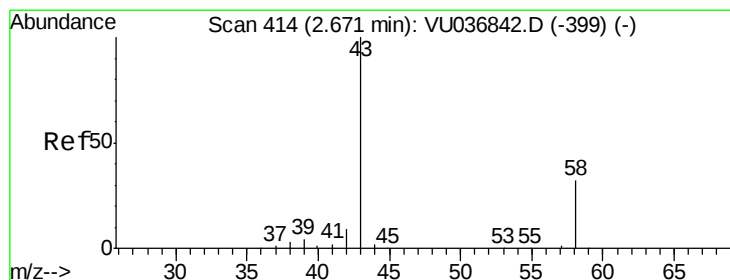
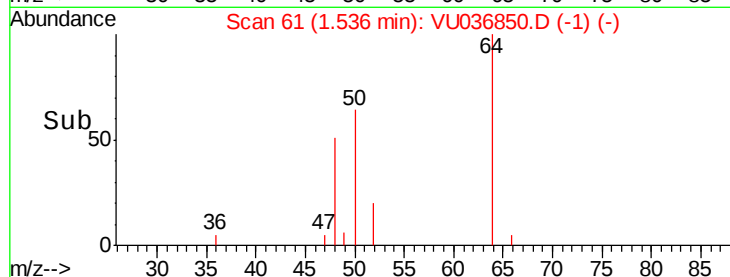
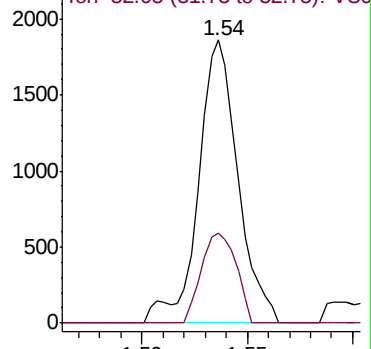
Ion Ratio Lower Upper

50 100

52 31.8 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU036850.D (-1) (-)



#13

Acetone

Concen: 3.513 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036850.D

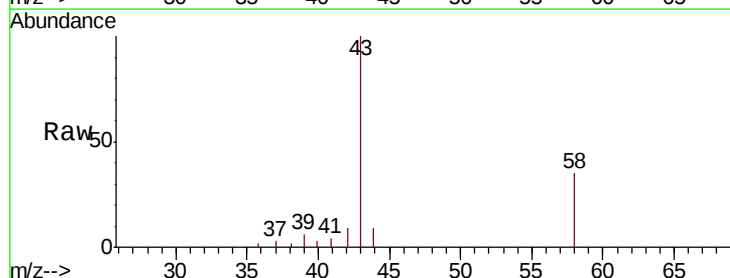
Acq: 19 Feb 2020 15:37

Tgt Ion: 43 Resp: 10601

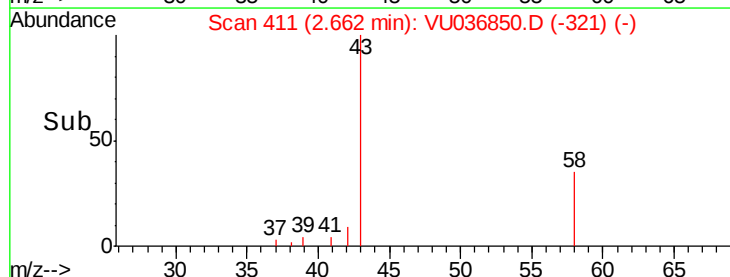
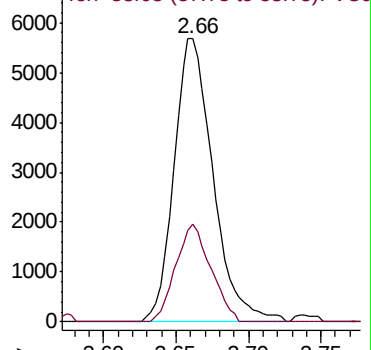
Ion Ratio Lower Upper

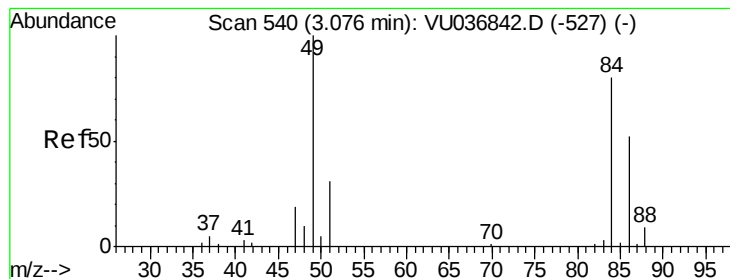
43 100

58 31.1 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036850.D (-321) (-)





#16

Methylene chloride

Concen: 0.060 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU036850.D

Acq: 19 Feb 2020 15:37

Instrument :

MSVOA_U

ClientSampleId :

DBDJ7

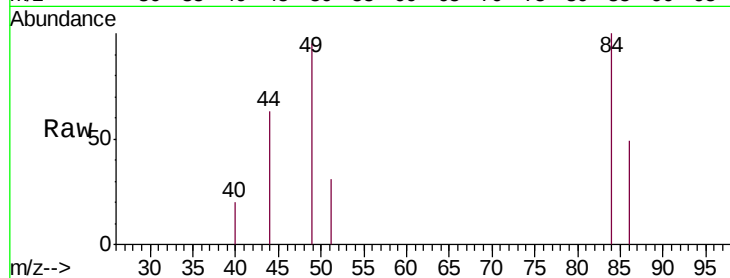
Tgt Ion: 84 Resp: 811

Ion Ratio Lower Upper

84 100

86 48.5 44.7 82.9

49 95.1 86.7 160.9

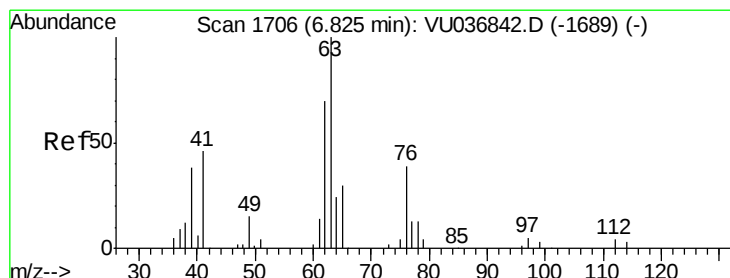
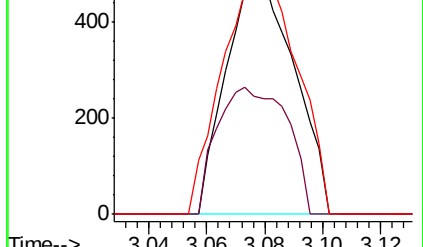
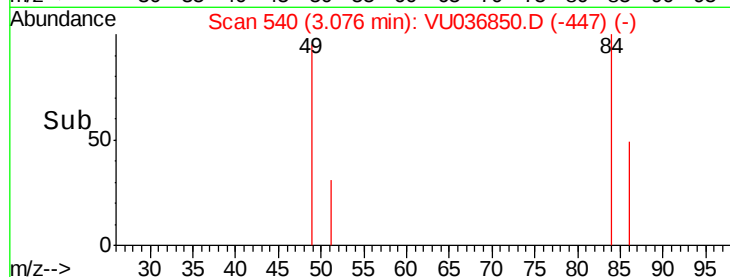


Abundance Ion 84.05 (83.75 to 84.75): VU036850.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU036850.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU036850.D (-447) (-)

Time-->



#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036850.D

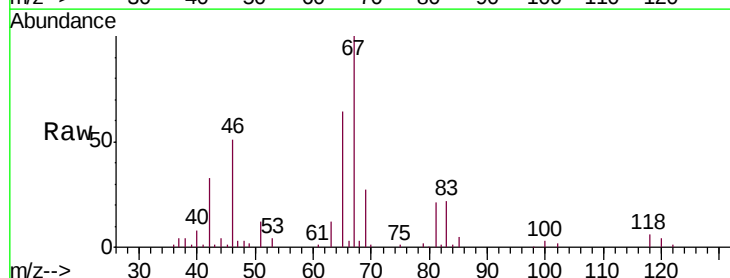
Acq: 19 Feb 2020 15:37

Tgt Ion: 63 Resp: 5968

Ion Ratio Lower Upper

63 100

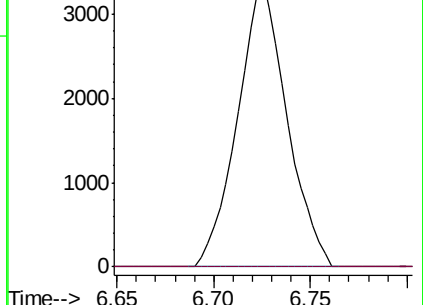
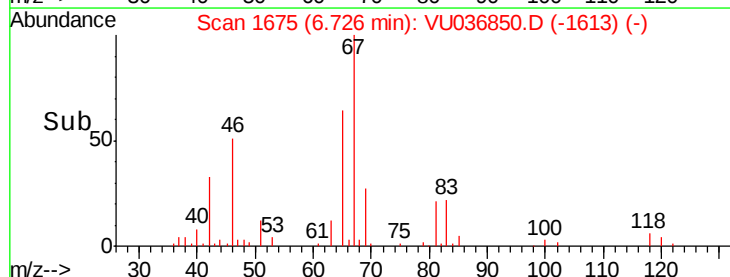
112 0.0 3.0 4.4#

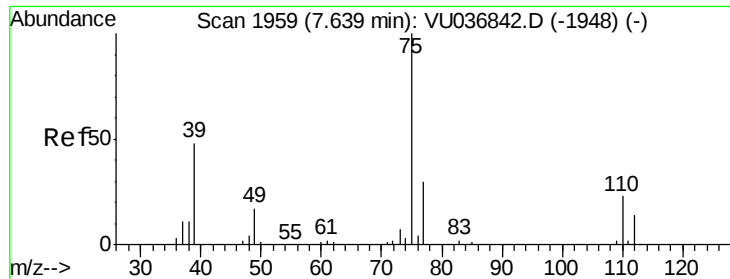


Abundance Ion 63.10 (62.80 to 63.80): VU036850.D (-1613) (-)

Ion 112.10 (111.80 to 112.80): VU036850.D (-1613) (-)

Time-->

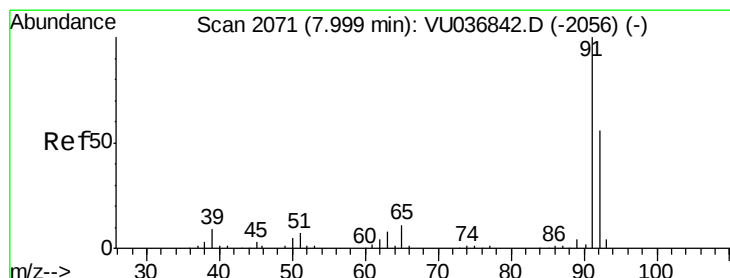
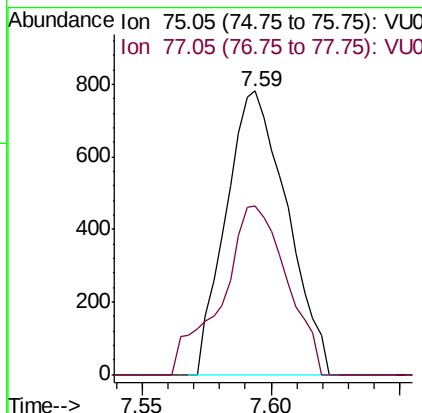
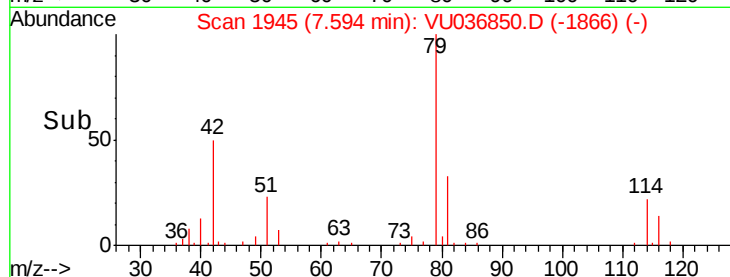
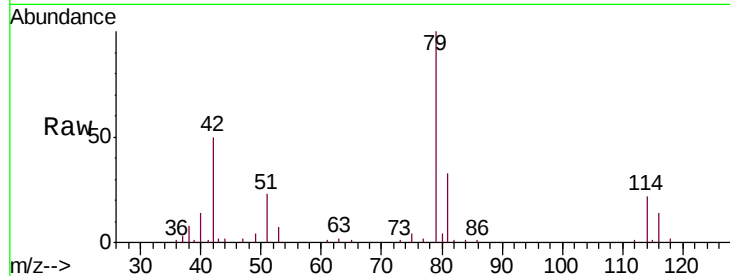




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.05 min
 Lab File: VU036850.D
 Acq: 19 Feb 2020 15:37

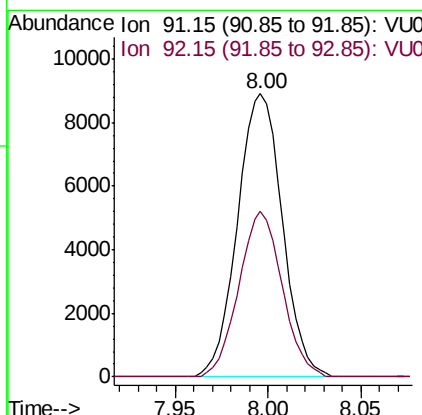
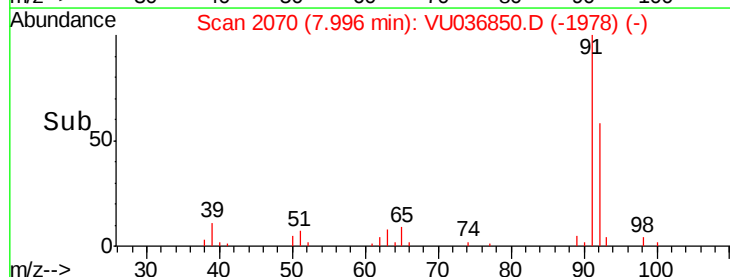
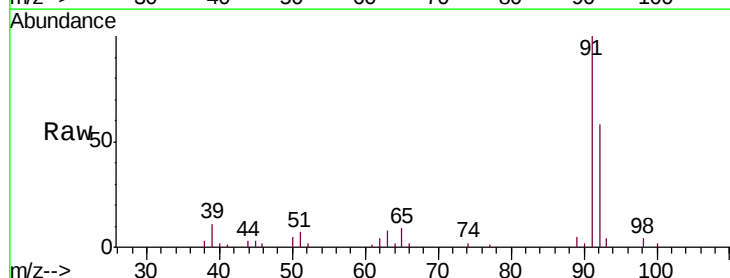
Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ7

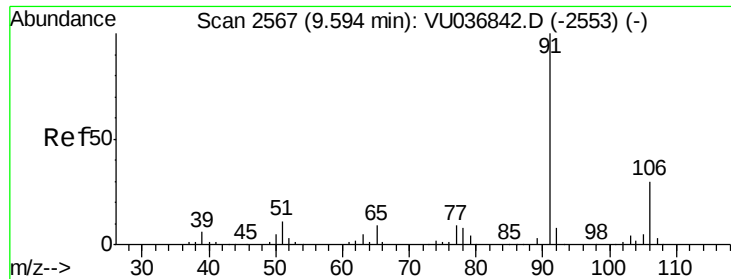
Tgt Ion: 75 Resp: 1288
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.5 41.9#



#42
 Toluene
 Concen: 0.365 ug/L
 RT: 8.00 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VU036850.D
 Acq: 19 Feb 2020 15:37

Tgt Ion: 91 Resp: 14979
 Ion Ratio Lower Upper
 91 100
 92 58.4 41.2 76.4





#52

Ethylbenzene

Concen: 30.983 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. -0.00 min

Lab File: VU036850.D

Acq: 19 Feb 2020 15:37

Instrument :

MSVOA_U

ClientSampleId :

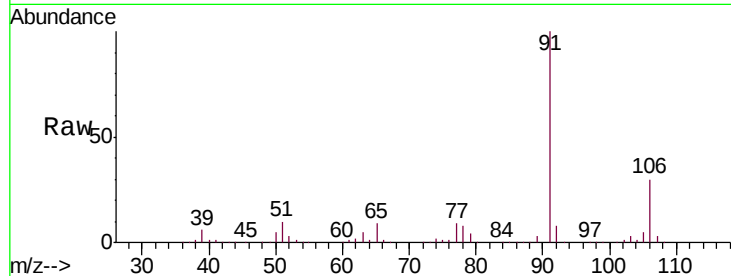
DBDJ7

Tgt Ion: 91 Resp: 1419824

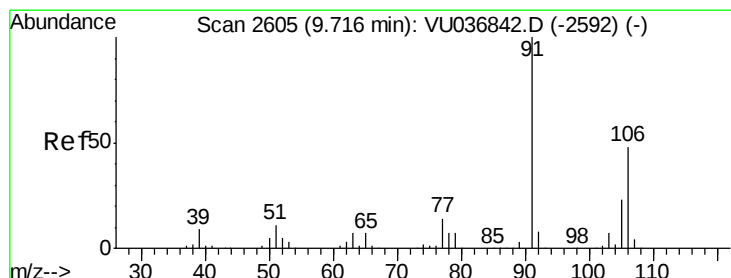
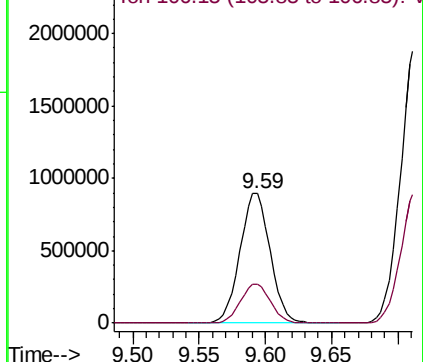
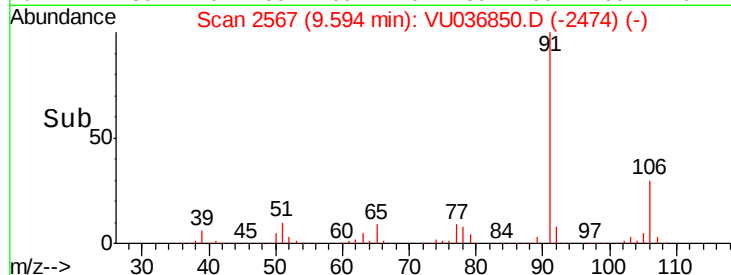
Ion Ratio Lower Upper

91 100

106 30.3 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036850.D (-2474) (-)



#53

m,p-Xylene

Concen: 90.190 ug/L

RT: 9.72 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VU036850.D

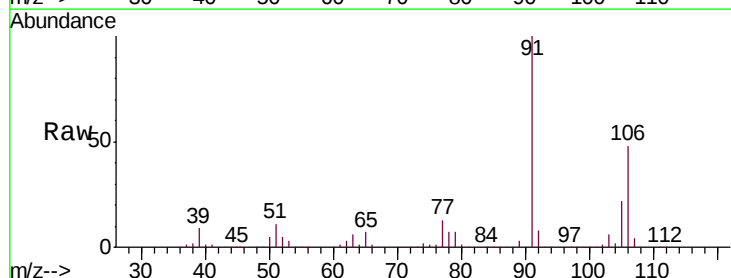
Acq: 19 Feb 2020 15:37

Tgt Ion: 106 Resp: 1521064

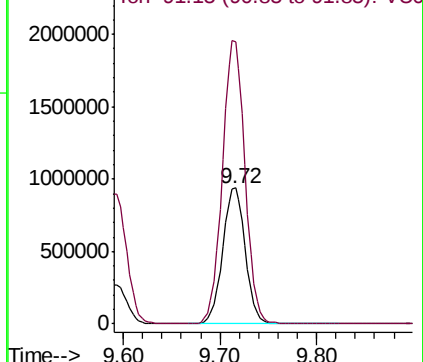
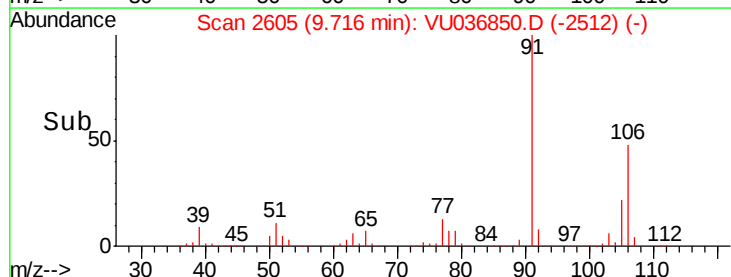
Ion Ratio Lower Upper

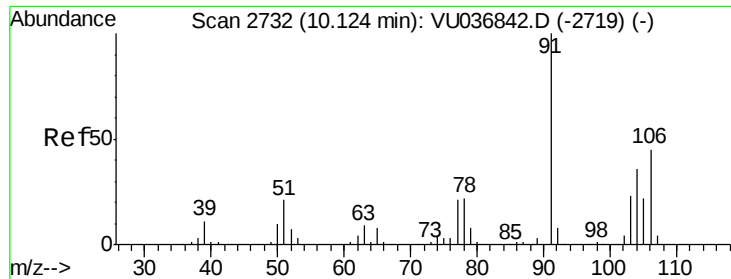
106 100

91 207.6 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036850.D (-2512) (-)

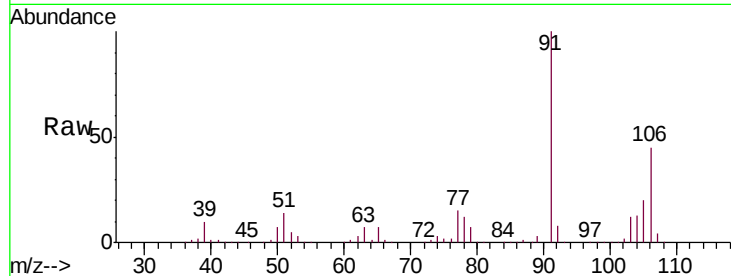




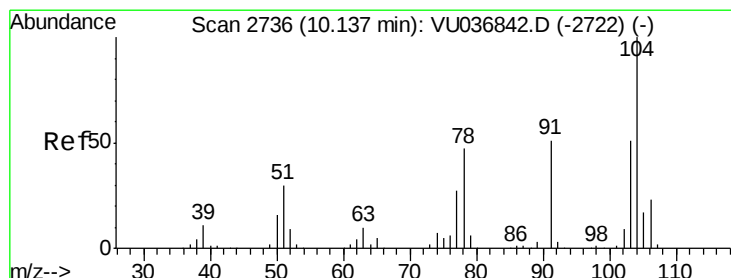
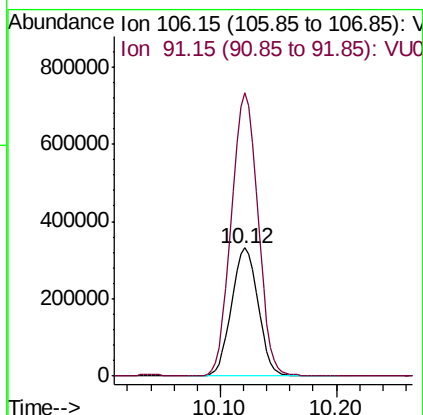
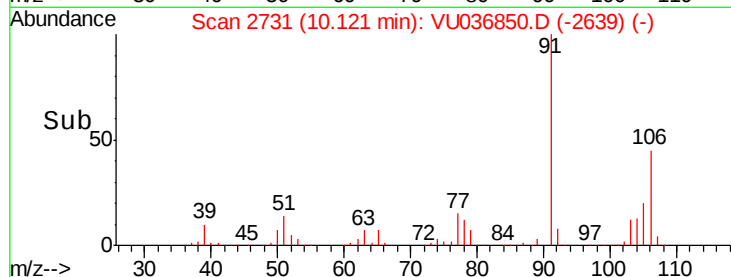
#54
o-Xylene
Concen: 31.681 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VU036850.D
Acq: 19 Feb 2020 15:37

Instrument :
MSVOA_U
ClientSampled :
DBDJ7

Tgt Ion:106 Resp: 524688
Ion Ratio Lower Upper
106 100
91 220.8 151.1 280.5

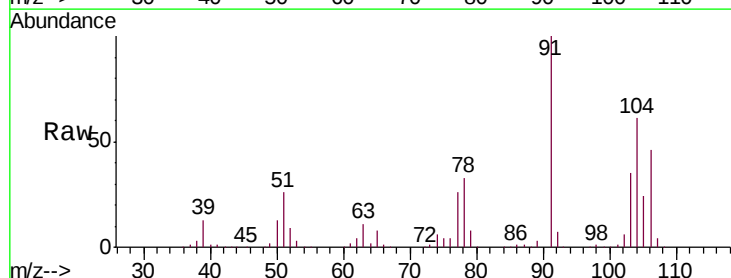


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

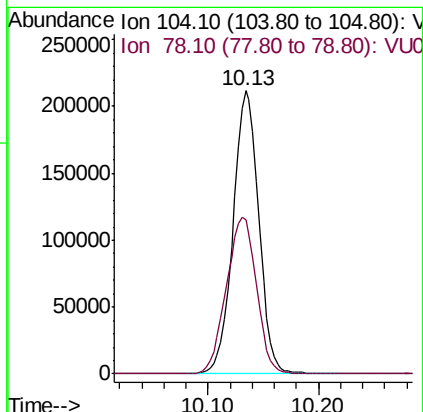
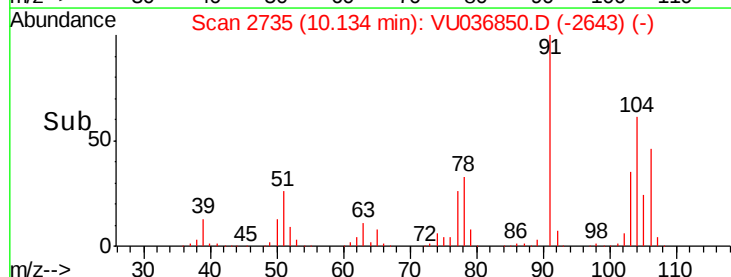


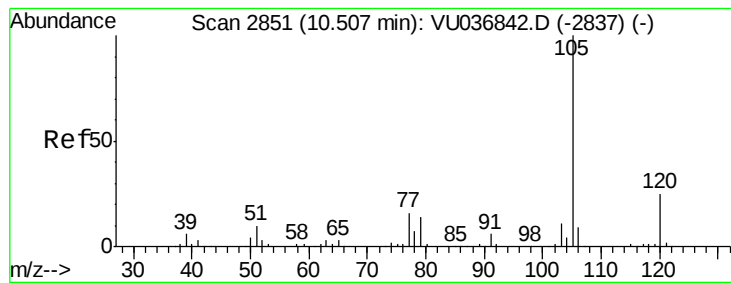
#55
Styrene
Concen: 12.246 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU036850.D
Acq: 19 Feb 2020 15:37

Tgt Ion:104 Resp: 341894
Ion Ratio Lower Upper
104 100
78 54.3 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 7.353 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VU036850.D

Acq: 19 Feb 2020 15:37

Instrument :

MSVOA_U

ClientSampled :

DBDJ7

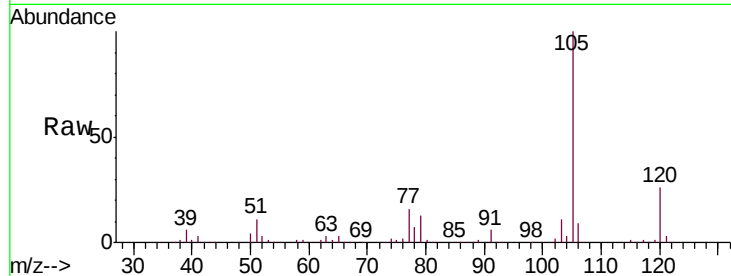
Tgt Ion: 105 Resp: 325908

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

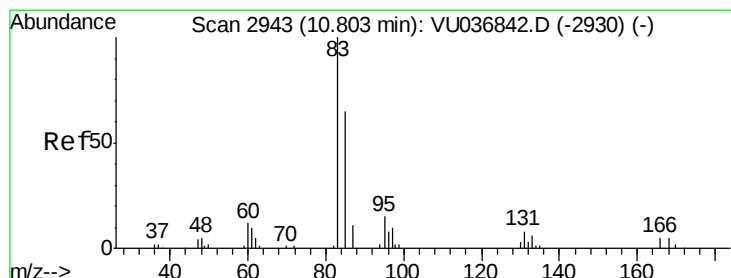
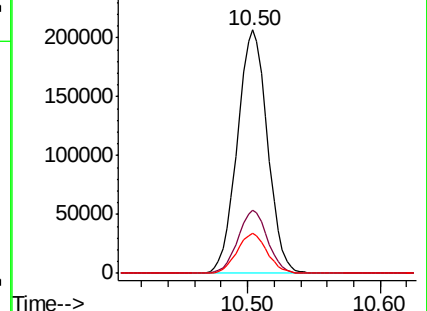
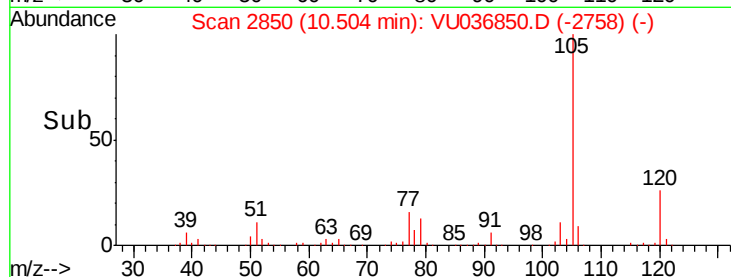
77 16.5 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.245 ug/L

RT: 10.77 min Scan# 2933

Delta R.T. -0.03 min

Lab File: VU036850.D

Acq: 19 Feb 2020 15:37

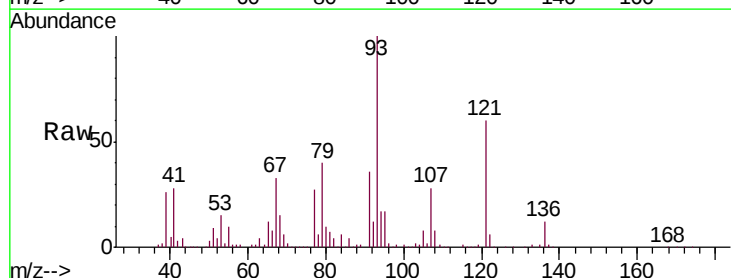
Tgt Ion: 83 Resp: 2332

Ion Ratio Lower Upper

83 100

85 34.6 45.6 84.6#

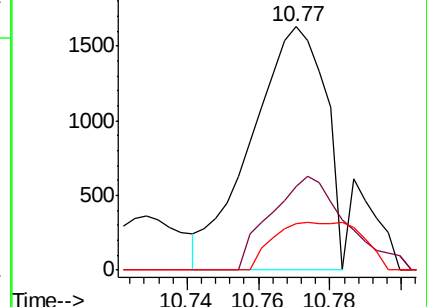
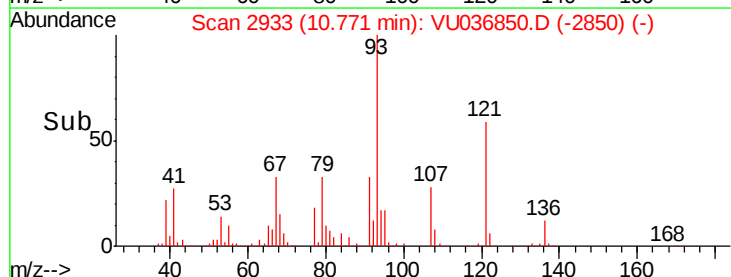
131 19.3 6.8 10.2#

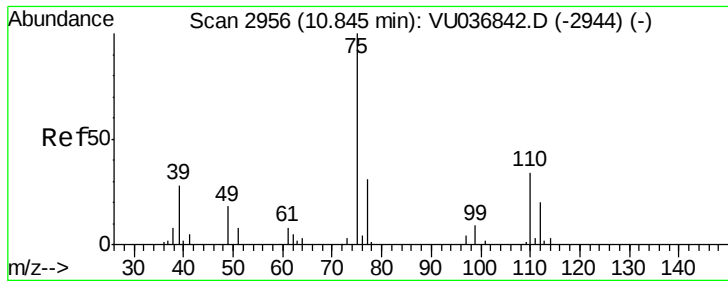


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V

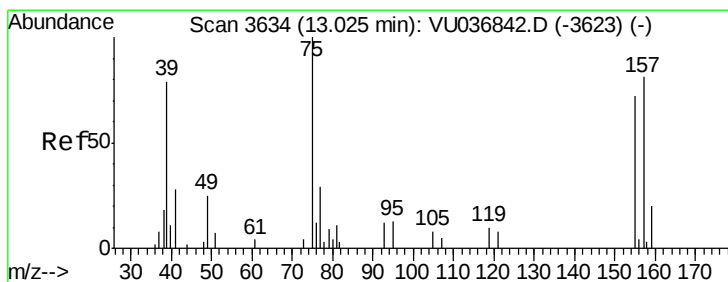
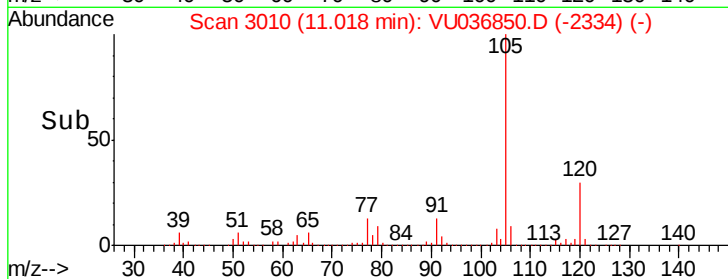
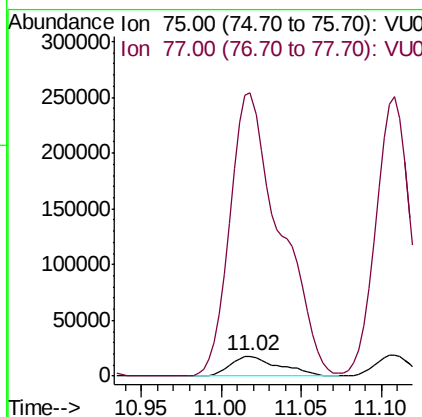
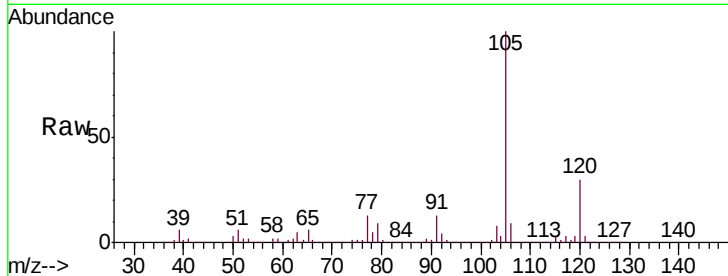




#59
 1,2,3-Trichloropropane
 Concen: 5.483 ug/L
 RT: 11.02 min Scan# 3010
 Delta R.T. 0.17 min
 Lab File: VU036850.D
 Acq: 19 Feb 2020 15:37

Instrument :
 MSVOA_U
 ClientSampleID :
 DBDJ7

Tgt Ion: 75 Resp: 37761
 Ion Ratio Lower Upper
 75 100
 77 1447.7 25.6 38.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.138 ug/L
 RT: 13.00 min Scan# 3626
 Delta R.T. -0.03 min
 Lab File: VU036850.D
 Acq: 19 Feb 2020 15:37

Tgt Ion: 75 Resp: 3202
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#

