

Data File : VU036773.D
Acq On : 13 Feb 2020 15:43
Operator : JC/MD
Sample : L1487-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX2

Quant Time: Feb 14 00:20:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	130761	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120186	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	46197	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	42686	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	65948	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.67	46	118570	50.28	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	5.11	84	76669	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	46746	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.76	84	177819	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	56613	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	162064	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	20888	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.66	63	106831	51.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.80%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43157	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	55430	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

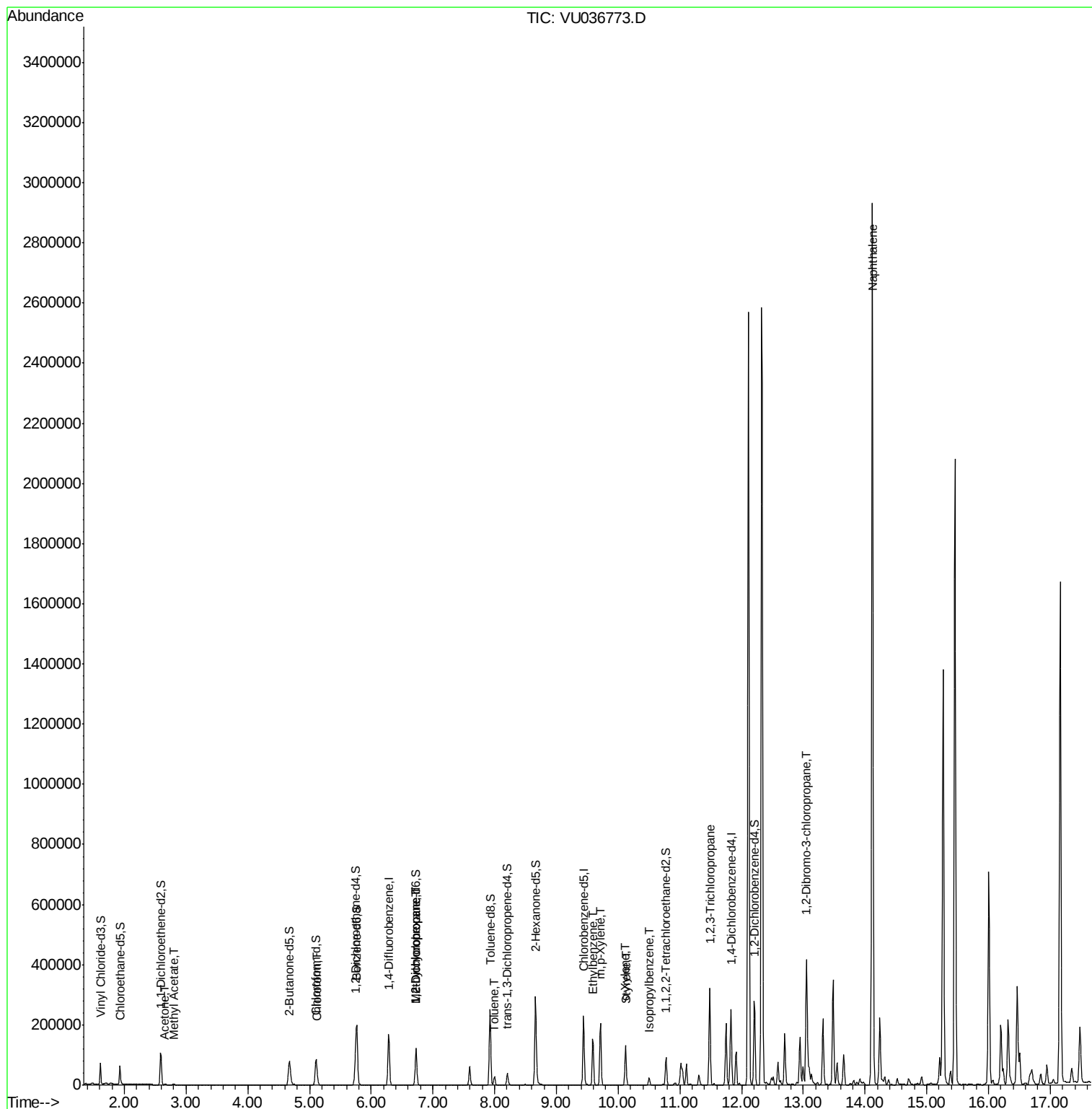
					Qvalue
13) Acetone	2.66	43	3737	1.239 ug/L	96
15) Methyl Acetate	2.80	43	968	0.242 ug/L #	52
25) Chloroform	5.13	83	5025	0.273 ug/L	89
35) Methylcyclohexane	6.73	83	12416	0.829 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6327	0.625 ug/L #	89
42) Toluene	8.00	91	20081	0.504 ug/L	98
52) Ethylbenzene	9.59	91	105717	2.377 ug/L	99
53) m,p-Xylene	9.71	106	55660	3.401 ug/L	94
54) o-Xylene	10.12	106	33075	2.058 ug/L	99
55) Styrene	10.13	104	4847	0.179 ug/L #	37
56) Isopropylbenzene	10.50	105	16082	0.374 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	1772	0.265 ug/L #	1
66) 1,2-Dibromo-3-chloropropan	13.05	75	8623	6.071 ug/L #	11
69) Naphthalene	14.12	128	2182757	114.943 ug/L	99

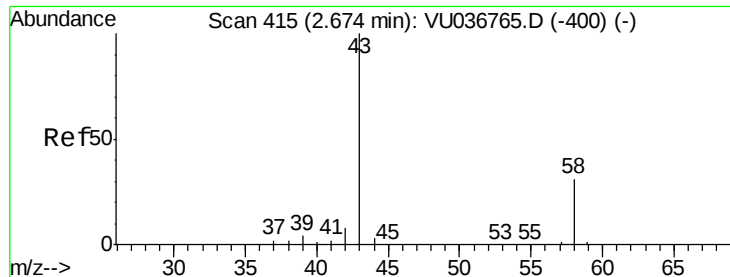
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.239 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU036773.D

Acq: 13 Feb 2020 15:43

Instrument :

MSVOA_U

ClientSampleId :

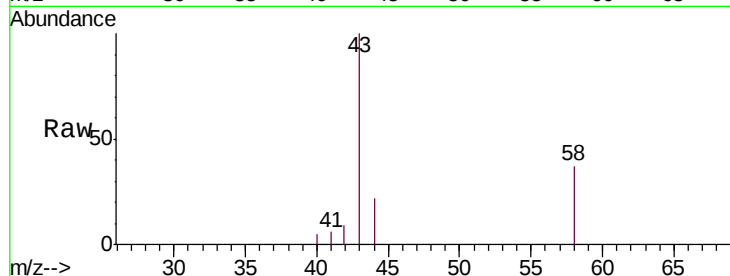
DBCX2

Tgt Ion: 43 Resp: 3737

Ion Ratio Lower Upper

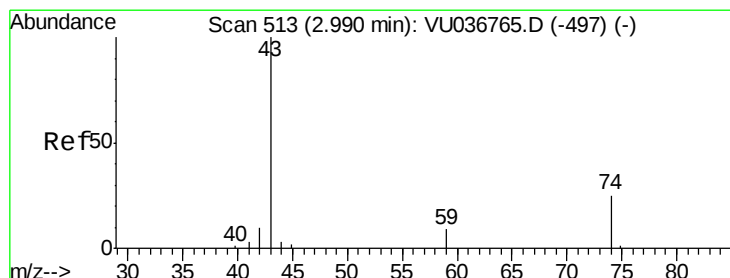
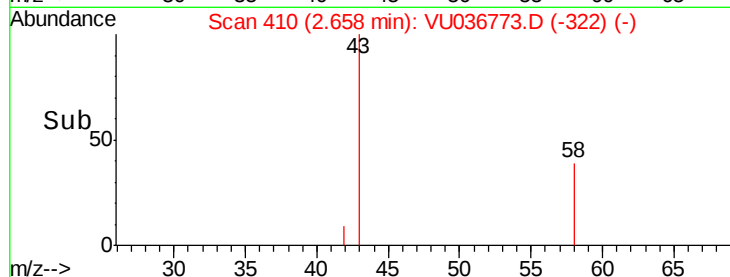
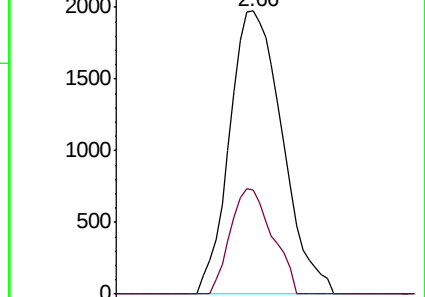
43 100

58 29.6 0.0 64.2



Abundance Ion 43.05 (42.75 to 43.75): VU036773.D (-410) (-)

Ion 58.05 (57.75 to 58.75): VU036773.D (-410) (-)



#15

Methyl Acetate

Concen: 0.242 ug/L

RT: 2.80 min Scan# 453

Delta R.T. -0.19 min

Lab File: VU036773.D

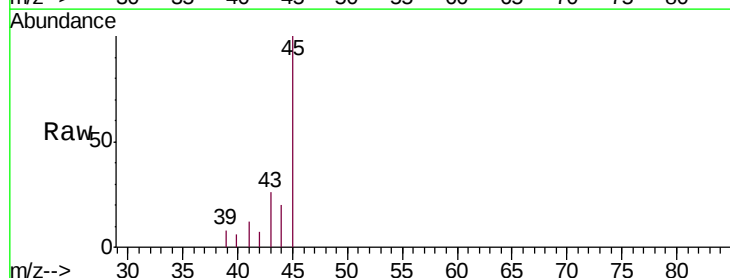
Acq: 13 Feb 2020 15:43

Tgt Ion: 43 Resp: 968

Ion Ratio Lower Upper

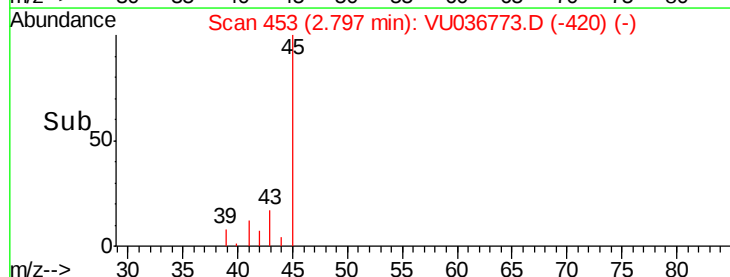
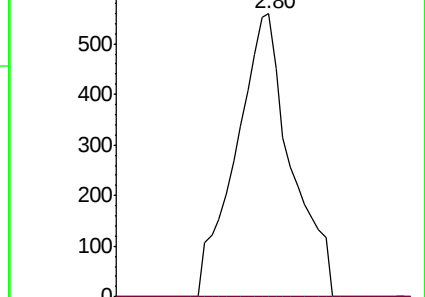
43 100

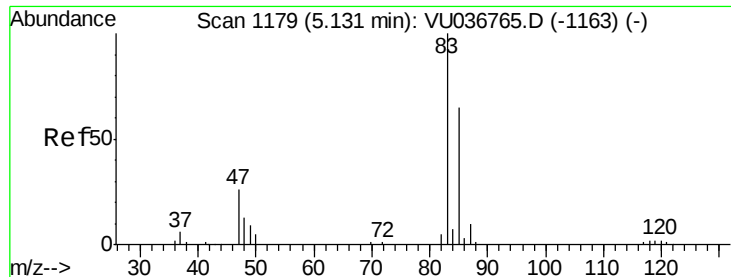
74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036773.D (-453) (-)

Ion 74.05 (73.75 to 74.75): VU036773.D (-453) (-)

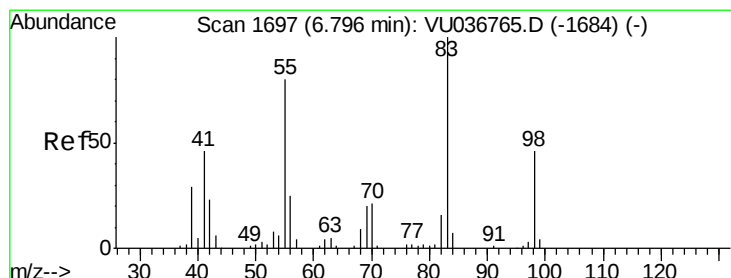
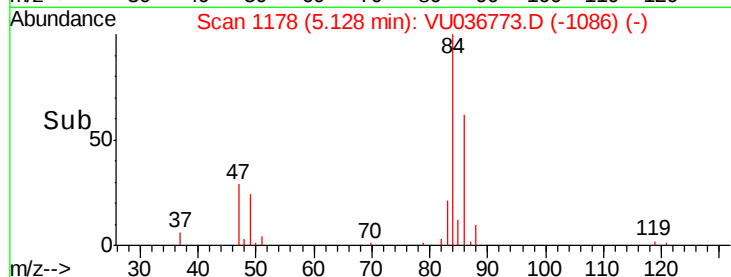
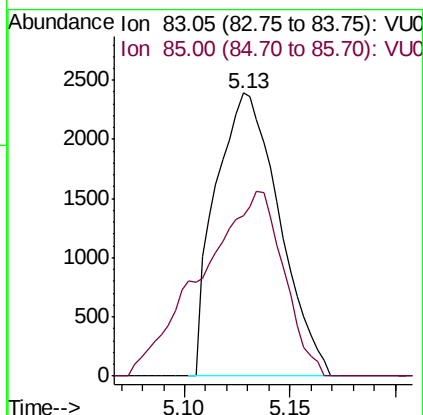
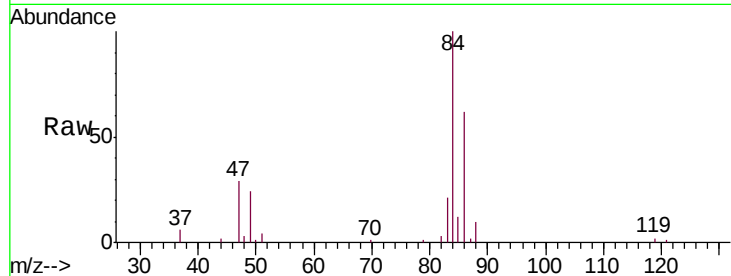




#25
Chloroform
Concen: 0.273 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

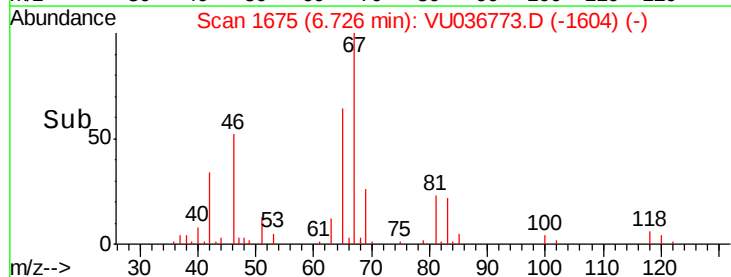
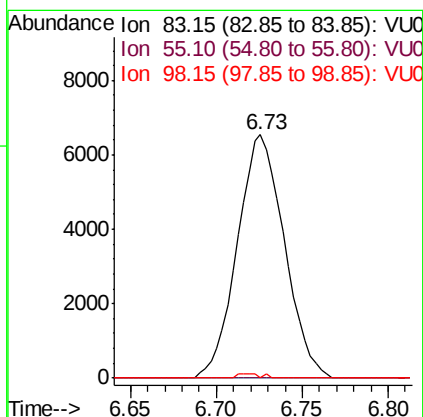
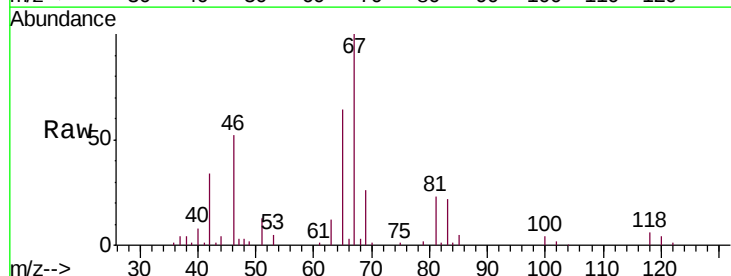
Instrument :
MSVOA_U
ClientSampleId :
DBCX2

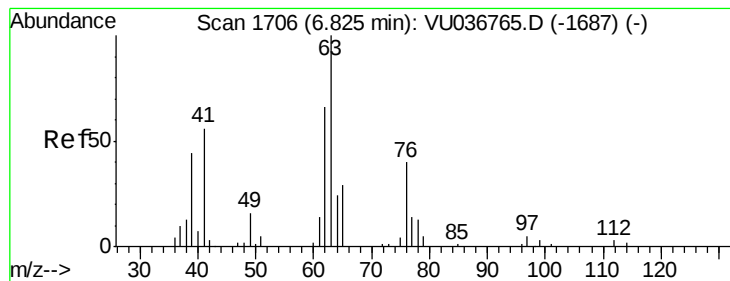
Tgt Ion: 83 Resp: 5025
Ion Ratio Lower Upper
83 100
85 56.5 45.4 84.2



#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Tgt Ion: 83 Resp: 12416
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.9 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036773.D

Acq: 13 Feb 2020 15:43

Instrument :

MSVOA_U

ClientSampleId :

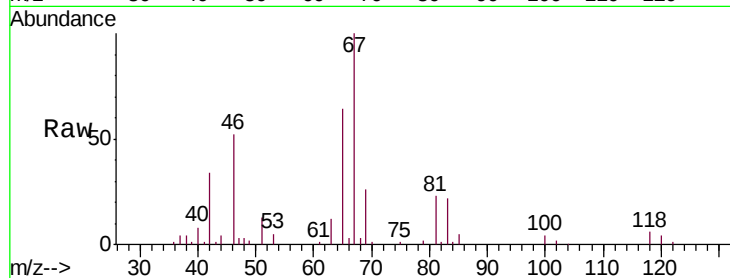
DBCX2

Tgt Ion: 63 Resp: 6327

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036773.D (-1613) (-)

Ion 112.10 (111.80 to 112.80): VU036773.D (-1613) (-)

6.73

4000

3000

2000

1000

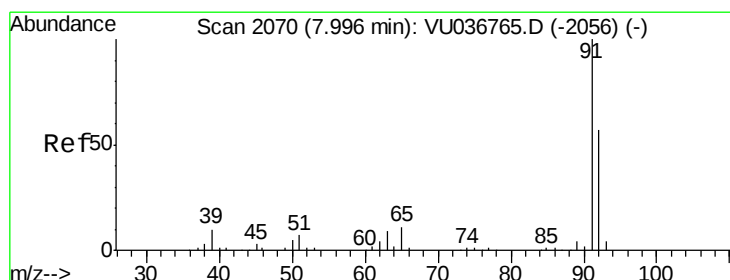
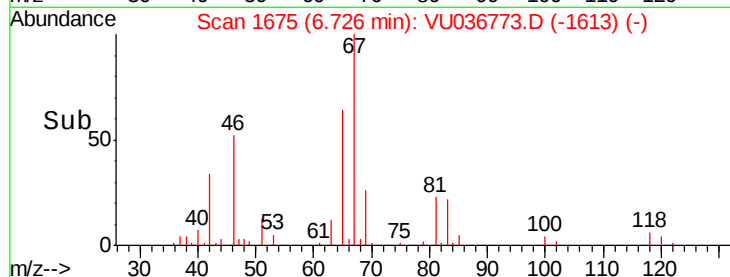
0

6.65

6.70

6.75

Time-->



#42

Toluene

Concen: 0.504 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU036773.D

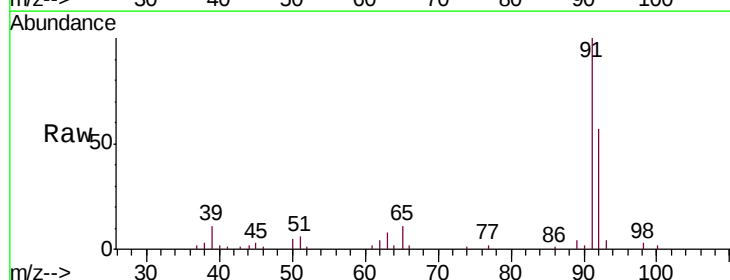
Acq: 13 Feb 2020 15:43

Tgt Ion: 91 Resp: 20081

Ion Ratio Lower Upper

91 100

92 57.4 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036773.D (-1977) (-)

Ion 92.15 (91.85 to 92.85): VU036773.D (-1977) (-)

8.00

10000

5000

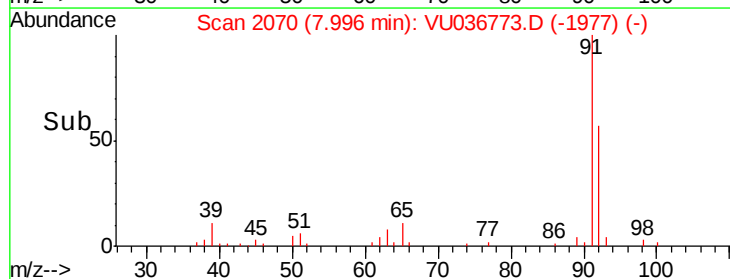
0

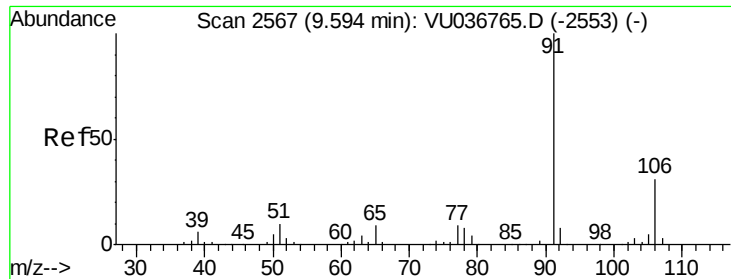
7.95

8.00

8.05

Time-->





#52

Ethylbenzene

Concen: 2.377 ug/L

RT: 9.59 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VU036773.D

Acq: 13 Feb 2020 15:43

Instrument :

MSVOA_U

ClientSampleId :

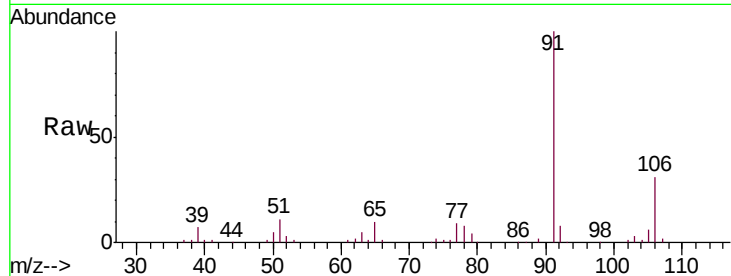
DBCX2

Tgt Ion: 91 Resp: 105717

Ion Ratio Lower Upper

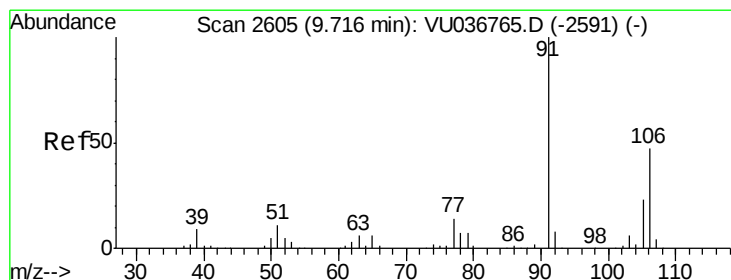
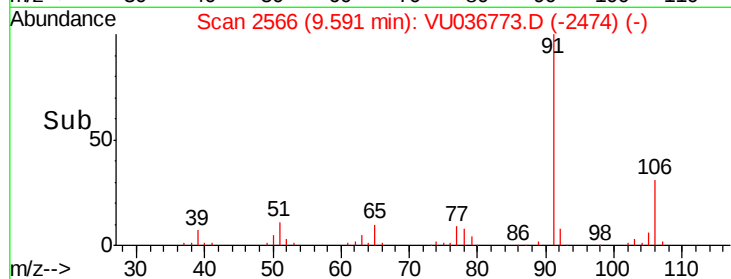
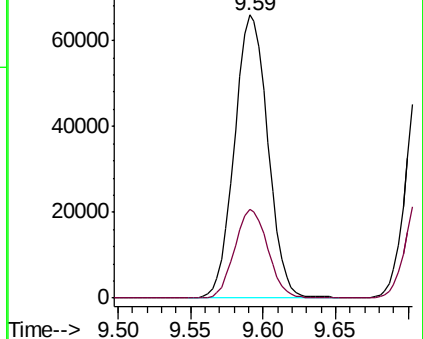
91 100

106 31.3 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036765.D (-2553) (-)

Ion 106.15 (105.85 to 106.85): VU036765.D (-2553) (-)



#53

m,p-Xylene

Concen: 3.401 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU036773.D

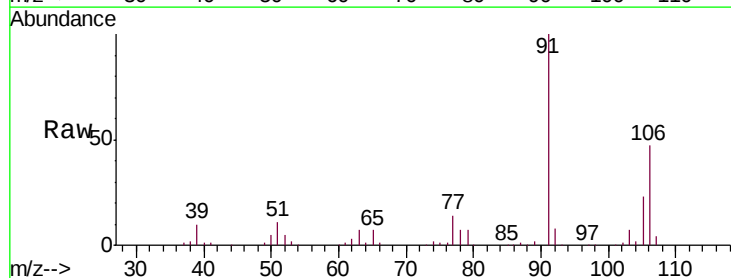
Acq: 13 Feb 2020 15:43

Tgt Ion: 106 Resp: 55660

Ion Ratio Lower Upper

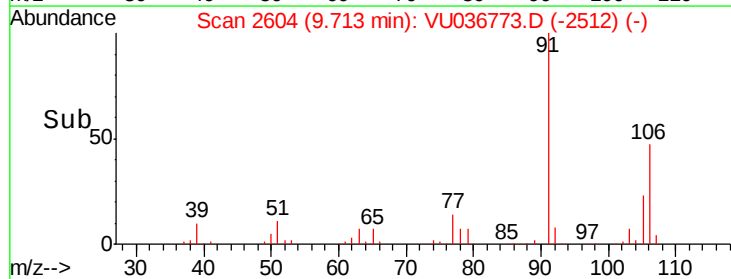
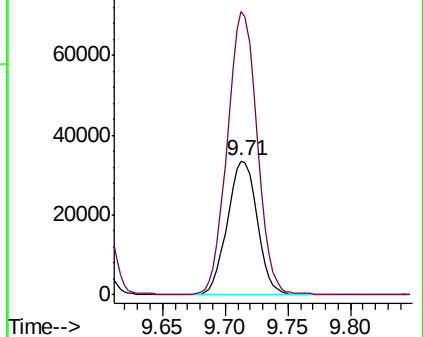
106 100

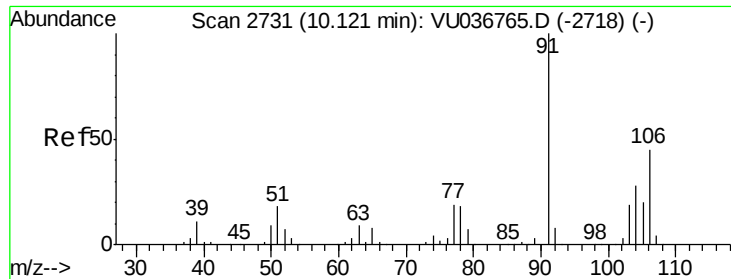
91 211.3 141.1 262.0



Abundance Ion 106.15 (105.85 to 106.85): VU036765.D (-2591) (-)

Ion 91.15 (90.85 to 91.85): VU036765.D (-2591) (-)

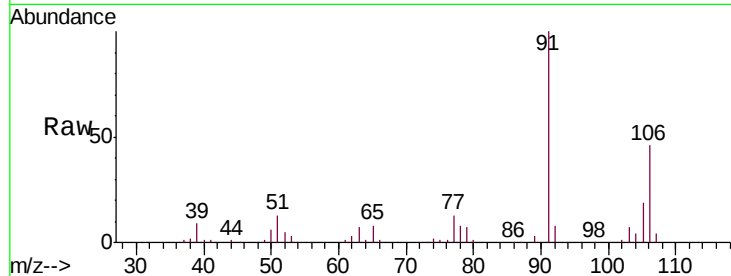




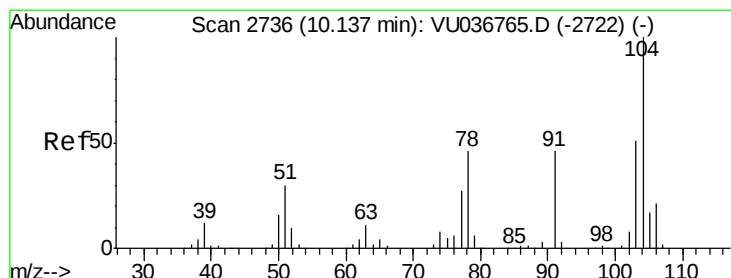
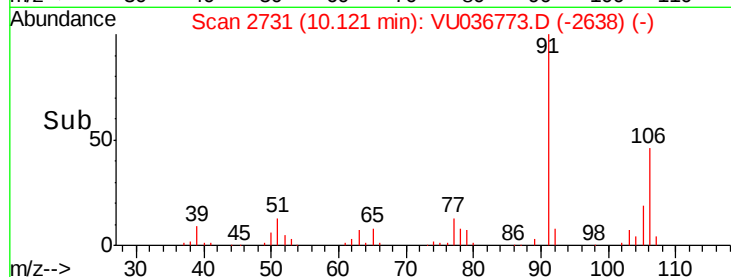
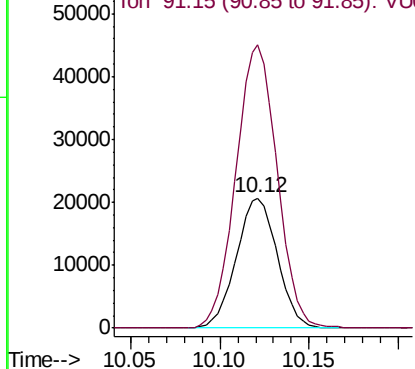
#54
o-Xylene
Concen: 2.058 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Instrument :
MSVOA_U
ClientSampleId :
DBCX2

Tgt Ion:106 Resp: 33075
Ion Ratio Lower Upper
106 100
91 217.8 151.1 280.5

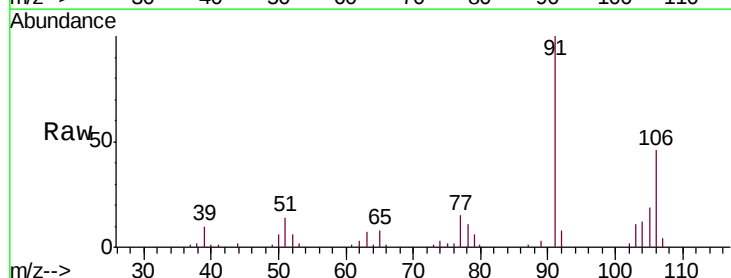


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

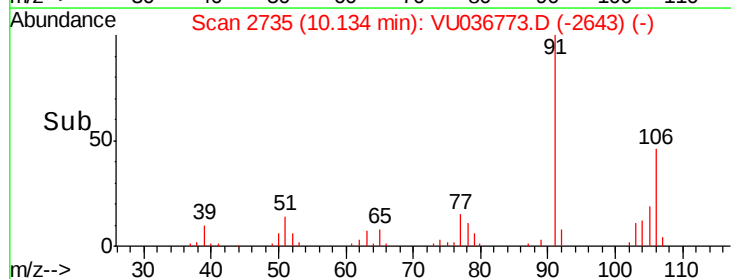
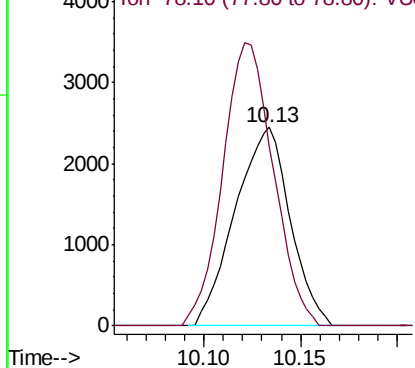


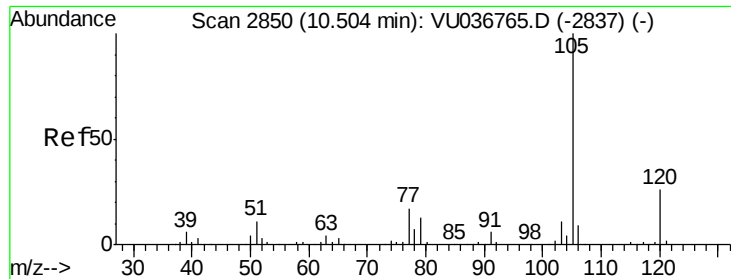
#55
Styrene
Concen: 0.179 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VU036773.D
Acq: 13 Feb 2020 15:43

Tgt Ion:104 Resp: 4847
Ion Ratio Lower Upper
104 100
78 90.4 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: 0.374 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU036773.D

Acq: 13 Feb 2020 15:43

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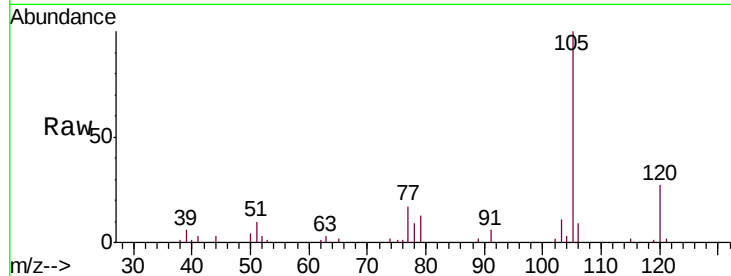
Tgt Ion: 105 Resp: 16082

Ion Ratio Lower Upper

105 100

120 25.2 20.5 30.7

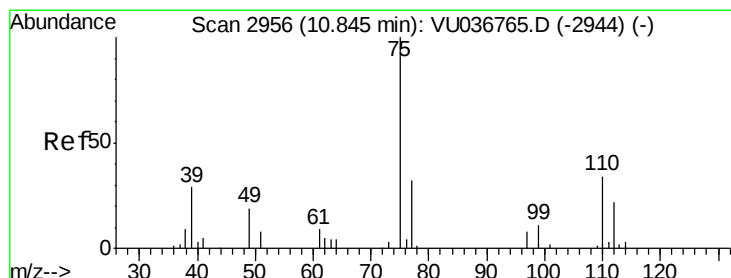
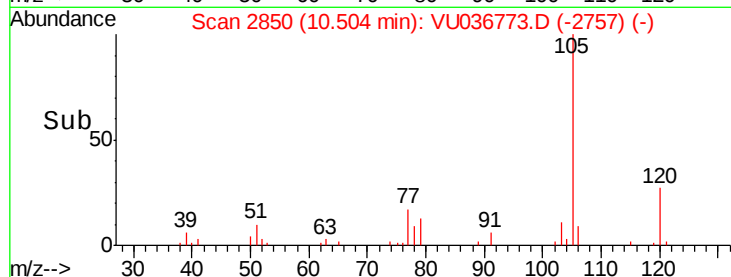
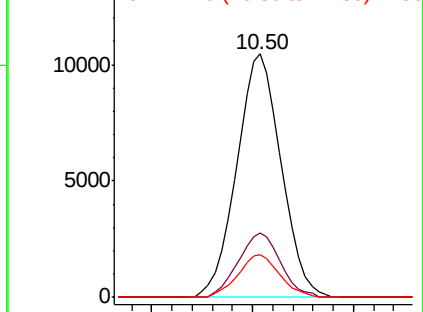
77 16.4 13.0 19.6



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): VU0



#59

1,2,3-Trichloropropane

Concen: 0.265 ug/L

RT: 11.48 min Scan# 3155

Delta R.T. 0.64 min

Lab File: VU036773.D

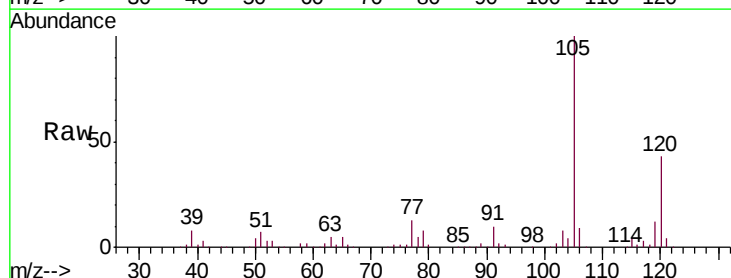
Acq: 13 Feb 2020 15:43

Tgt Ion: 75 Resp: 1772

Ion Ratio Lower Upper

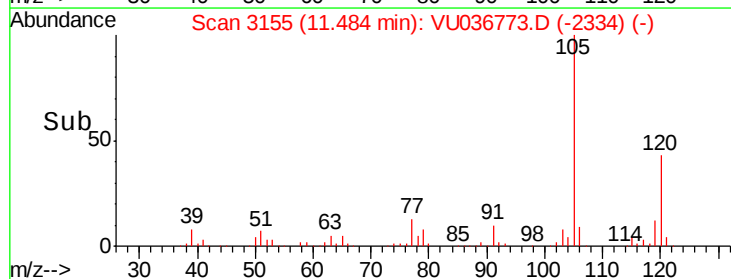
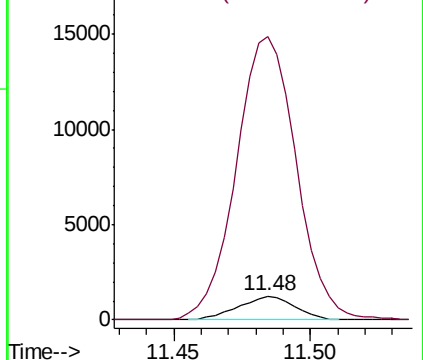
75 100

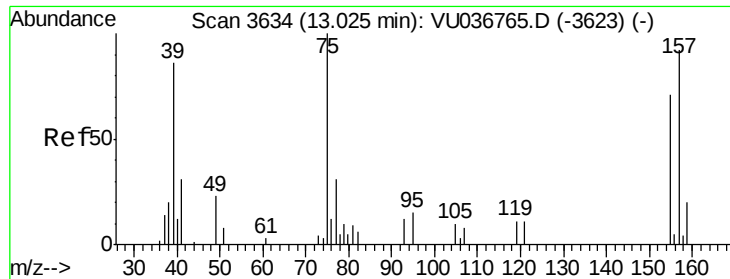
77 1285.7 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

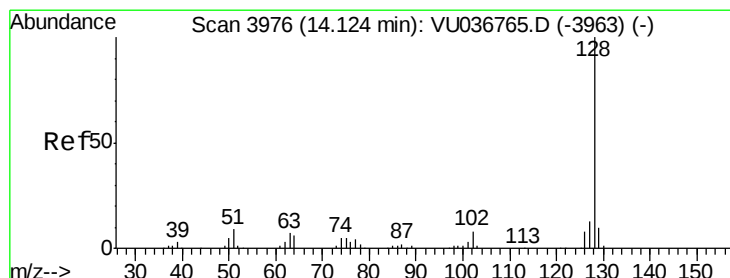
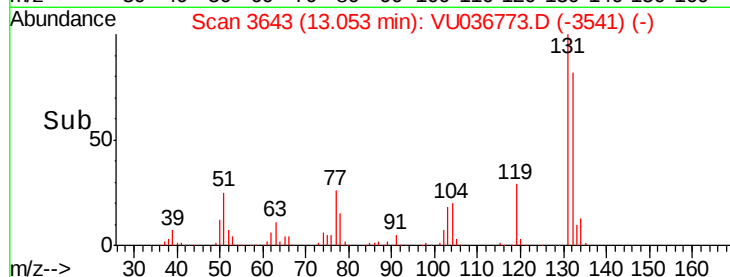
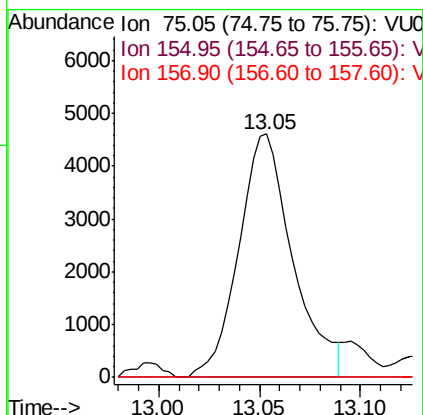
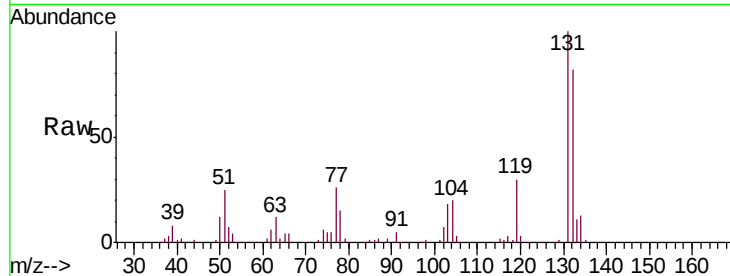




#66
 1,2-Dibromo-3-chloropropane
 Concen: 6.071 ug/L
 RT: 13.05 min Scan# 3643
 Delta R.T. 0.03 min
 Lab File: VU036773.D
 Acq: 13 Feb 2020 15:43

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX2

Tgt Ion: 75 Resp: 8623
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#



#69
 Naphthalene
 Concen: 114.943 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. -0.01 min
 Lab File: VU036773.D
 Acq: 13 Feb 2020 15:43

Tgt Ion: 128 Resp: 2182757
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.0 13.4
 127 13.2 10.8 16.2

