

Data File : VU036775.D
Acq On : 13 Feb 2020 16:33
Operator : JC/MD
Sample : L1487-24
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

Quant Time: Feb 14 00:20:34 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	134223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44550	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.93	69	41111	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.59	63	65340	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.67	46	120897	49.94	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	5.11	84	78655	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	46894	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.76	84	177751	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.73	67	56632	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	162217	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	21055	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.66	63	107135	50.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43615	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	55851	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.59	96	560	0.069 ug/L #	1
13) Acetone	2.66	43	12455	4.024 ug/L	99
14) Carbon disulfide	2.82	76	1478	0.075 ug/L #	95
15) Methyl Acetate	2.79	43	9158	2.230 ug/L #	52
34) Trichloroethene	6.29	95	2054	0.209 ug/L #	8
35) Methylcyclohexane	6.72	83	12651	0.813 ug/L #	21
37) 1,2-Dichloropropane	6.73	63	5920	0.563 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1519	0.100 ug/L #	57
42) Toluene	8.00	91	94663	2.288 ug/L	99
52) Ethylbenzene	9.59	91	18502	0.400 ug/L	98
53) m,p-Xylene	9.72	106	154718	9.098 ug/L	96
54) o-Xylene	10.12	106	225393	13.497 ug/L	97
55) Styrene	10.12	104	11402	0.405 ug/L #	1
56) Isopropylbenzene	10.50	105	209040	4.677 ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	2624	0.378 ug/L #	1
66) 1,2-Dibromo-3-chloropropan	13.00	75	3297	2.169 ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021320\
Quantitation Report (Not Reviewed)

Data File : VU036775.D
Acq On : 13 Feb 2020 16:33
Operator : JC/MD
Sample : L1487-24
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

Quant Time: Feb 14 00:20:34 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

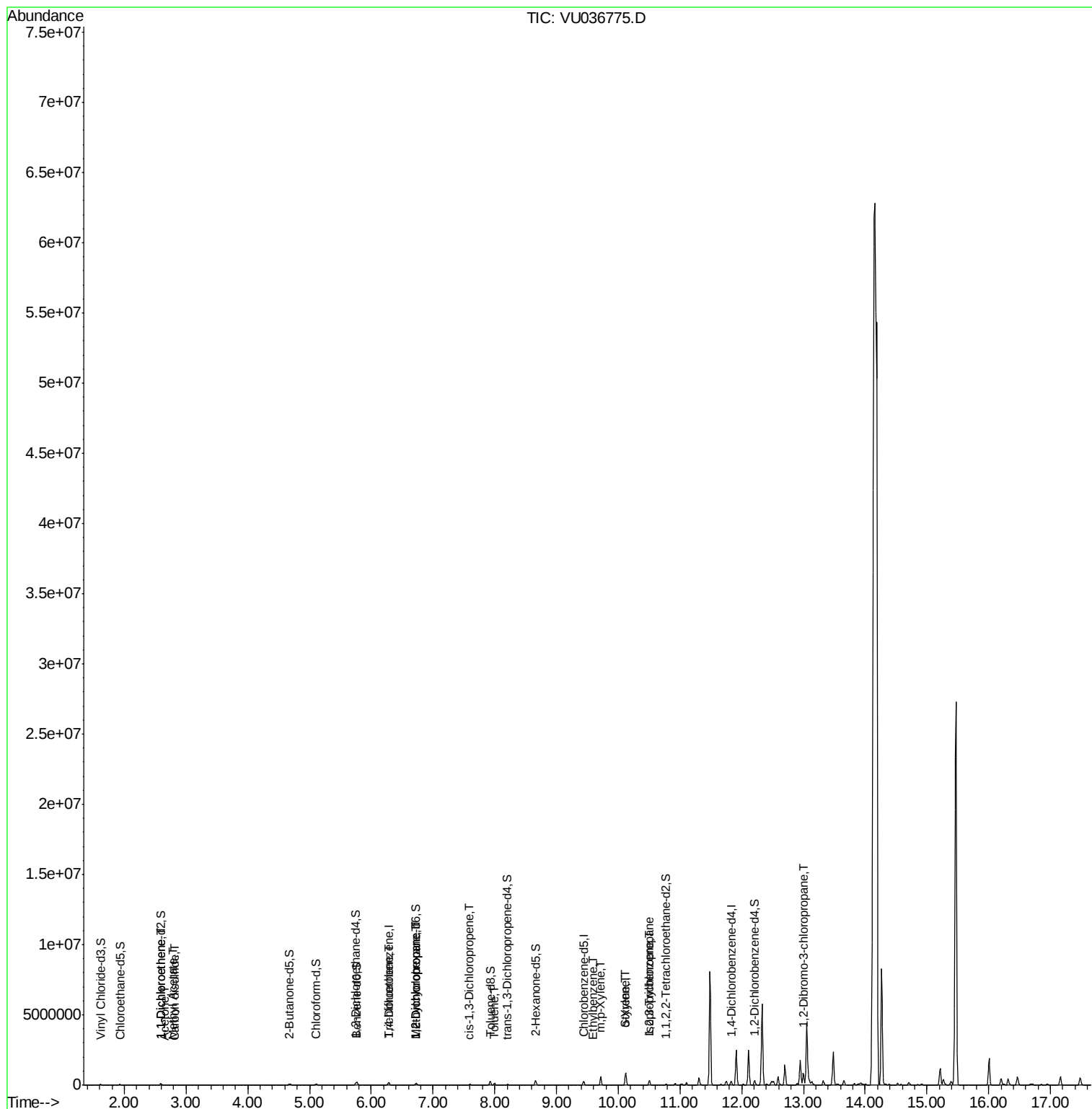
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

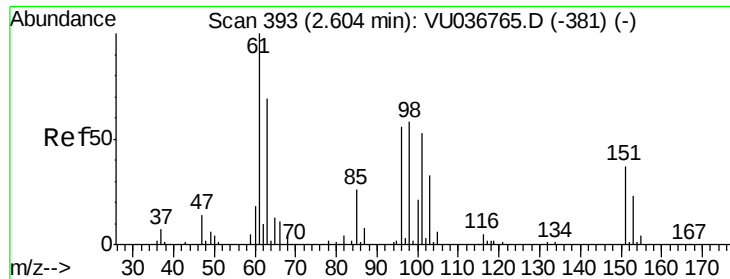
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU036775.D
Acq On : 13 Feb 2020 16:33
Operator : JC/MD
Sample : L1487-24
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

Quant Time: Feb 14 00:20:34 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

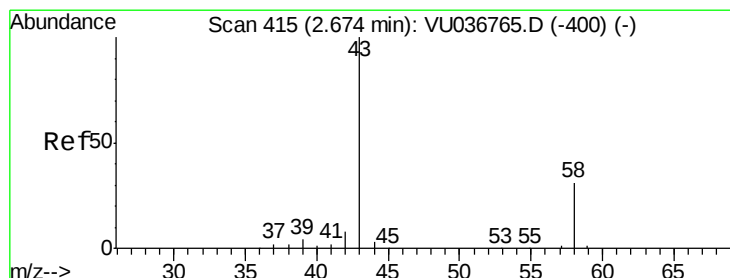
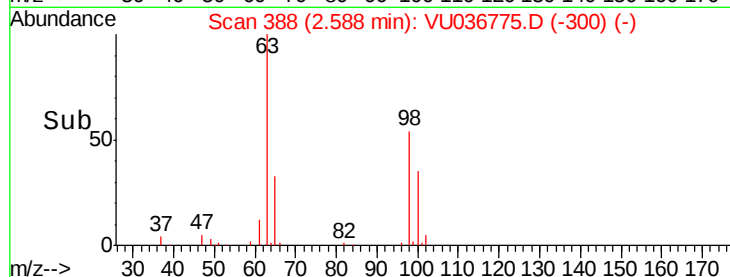
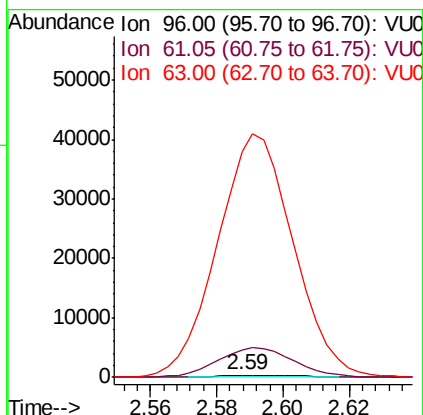
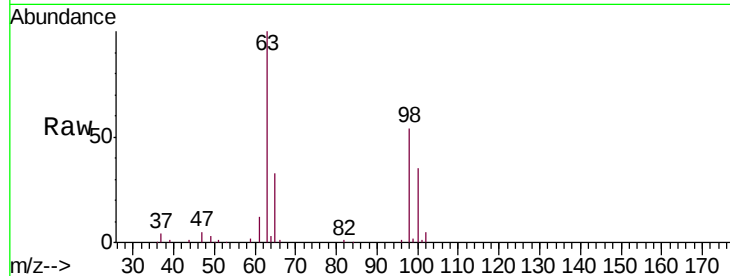




#12
 1,1-Dichloroethene
 Concen: 0.069 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU036775.D
 Acq: 13 Feb 2020 16:33

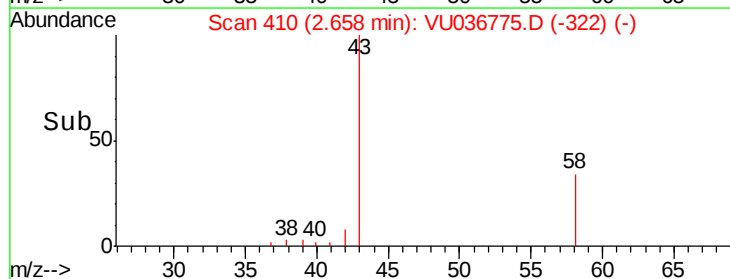
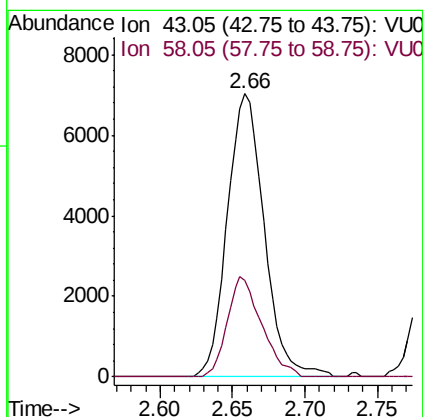
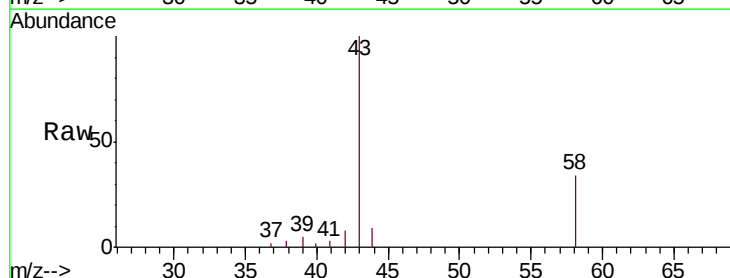
Instrument :
 MSVOA_U
 ClientSampled :
 DBCX4

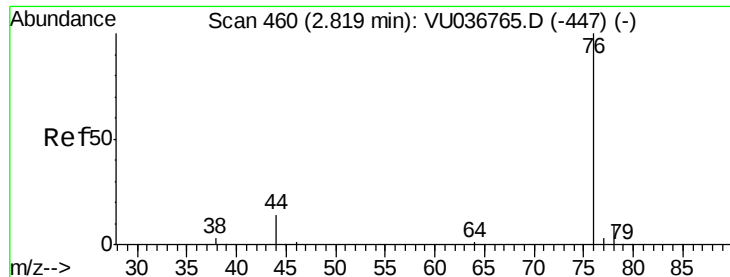
Tgt Ion: 96 Resp: 560
 Ion Ratio Lower Upper
 96 100
 61 1313.6 126.4 234.8#
 63 10725.4 89.5 166.3#



#13
 Acetone
 Concen: 4.024 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.02 min
 Lab File: VU036775.D
 Acq: 13 Feb 2020 16:33

Tgt Ion: 43 Resp: 12455
 Ion Ratio Lower Upper
 43 100
 58 32.8 0.0 64.2





#14

Carbon disulfide

Concen: 0.075 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU036775.D

Acq: 13 Feb 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

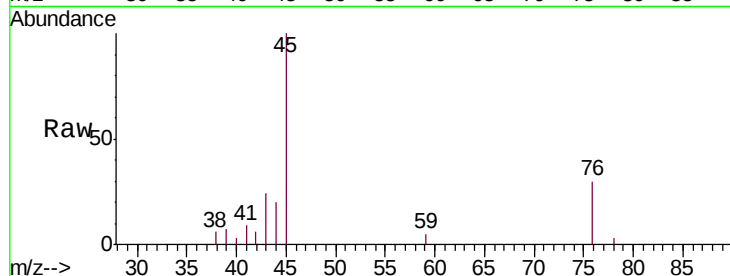
DBCX4

Tgt Ion: 76 Resp: 1478

Ion Ratio Lower Upper

76 100

78 10.9 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU036775.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU036775.D (-447) (-)

2.82

1000

800

600

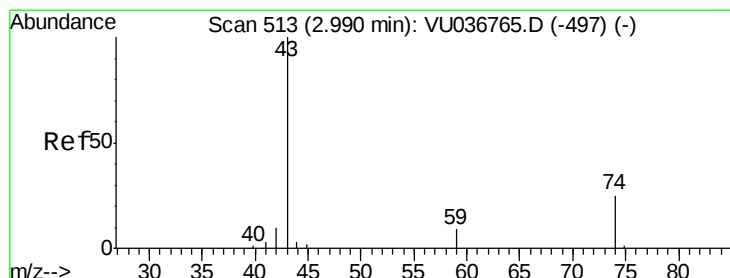
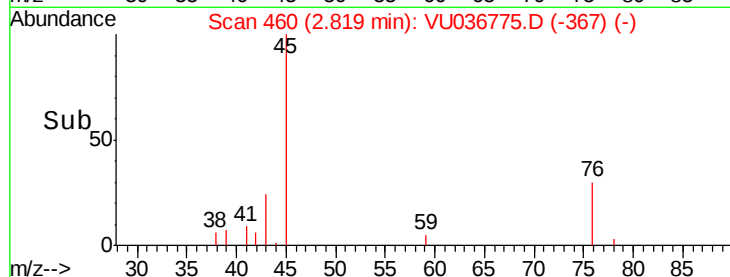
400

200

0

2.80 2.85

Time-->



#15

Methyl Acetate

Concen: 2.230 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.20 min

Lab File: VU036775.D

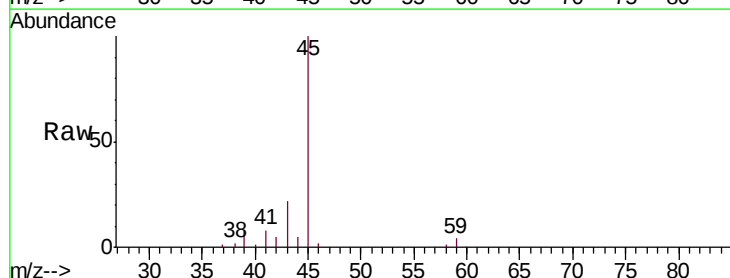
Acq: 13 Feb 2020 16:33

Tgt Ion: 43 Resp: 9158

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VU036775.D (-497) (-)

Ion 74.05 (73.75 to 74.75): VU036775.D (-497) (-)

2.79

5000

4000

3000

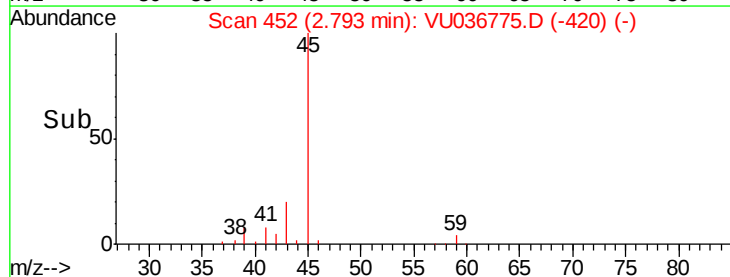
2000

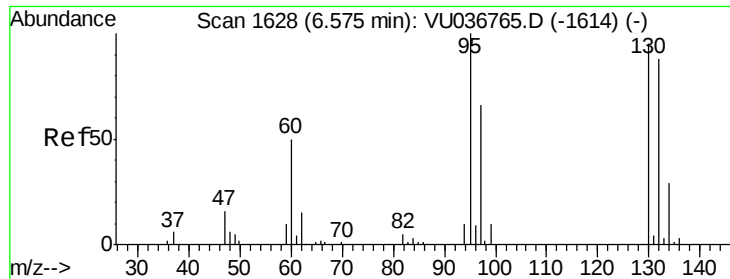
1000

0

2.70 2.75 2.80 2.85 2.90

Time-->





#34

Trichloroethene

Concen: 0.209 ug/L

RT: 6.29 min Scan# 1539

Delta R.T. -0.29 min

Lab File: VU036775.D

Acq: 13 Feb 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

DBCX4

Tgt Ion: 95 Resp: 2054

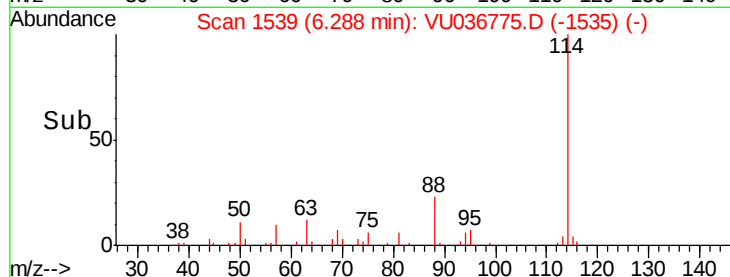
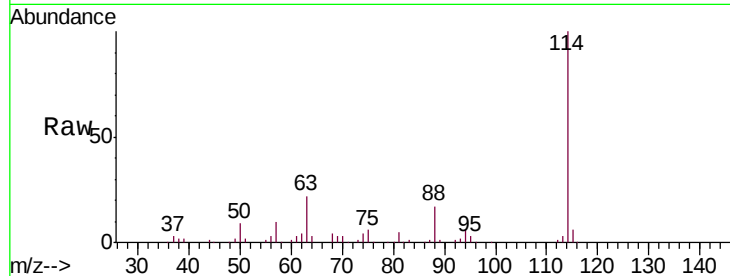
Ion Ratio Lower Upper

95 100

97 0.0 45.6 84.8#

132 0.0 62.8 116.6#

130 0.0 63.8 118.4#

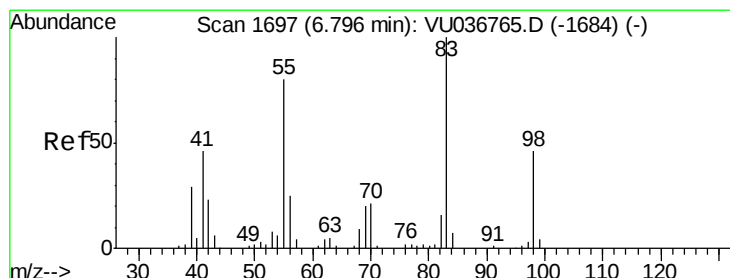
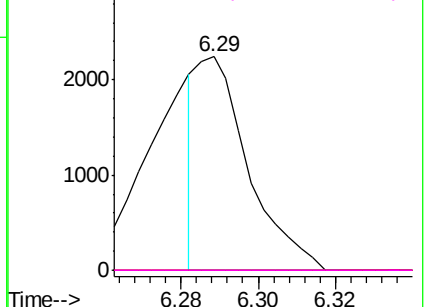


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.813 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU036775.D

Acq: 13 Feb 2020 16:33

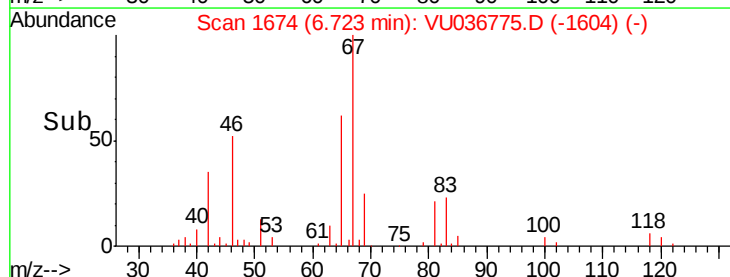
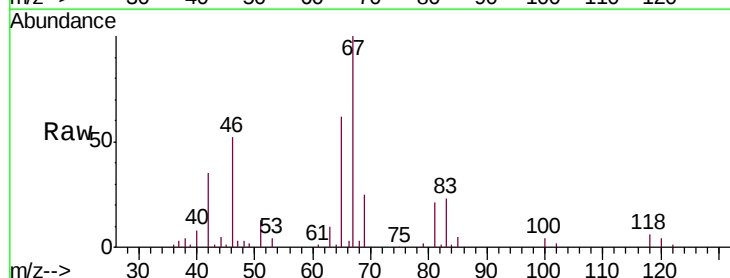
Tgt Ion: 83 Resp: 12651

Ion Ratio Lower Upper

83 100

55 2.1 61.0 91.4#

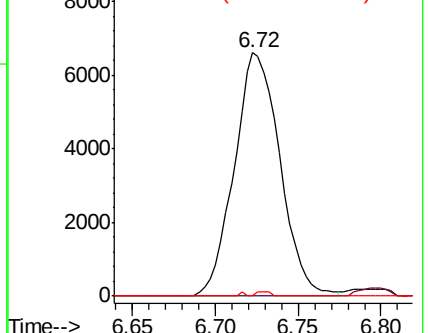
98 0.5 34.2 51.4#

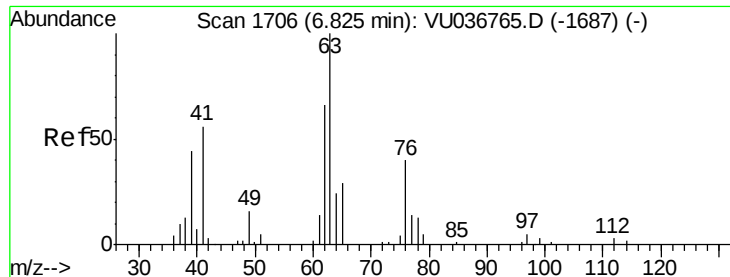


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

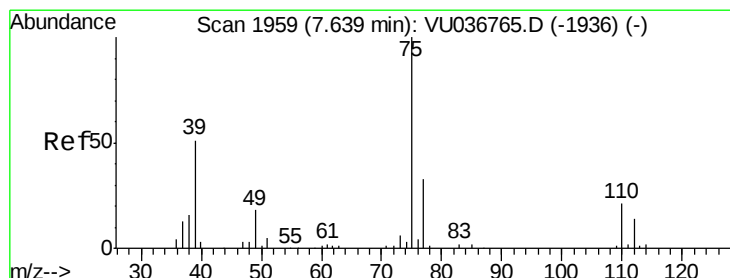
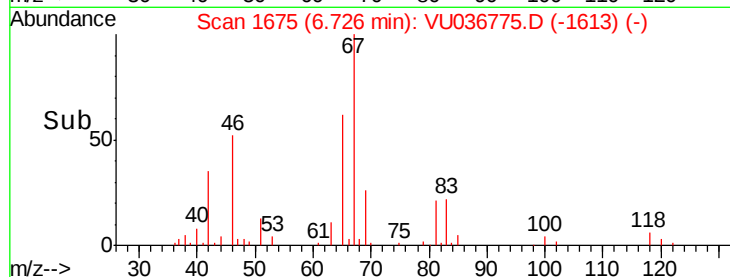
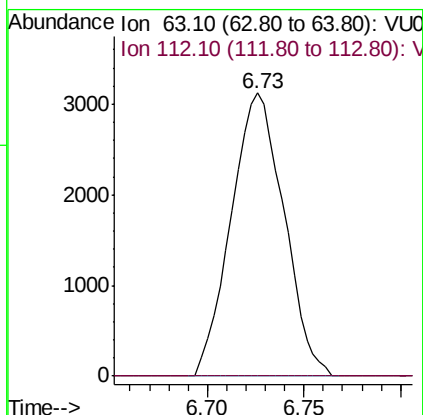
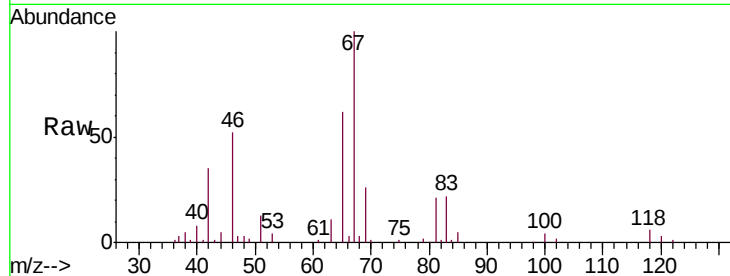




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036775.D
 Acq: 13 Feb 2020 16:33

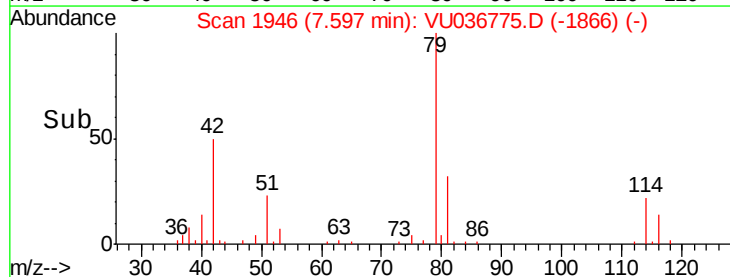
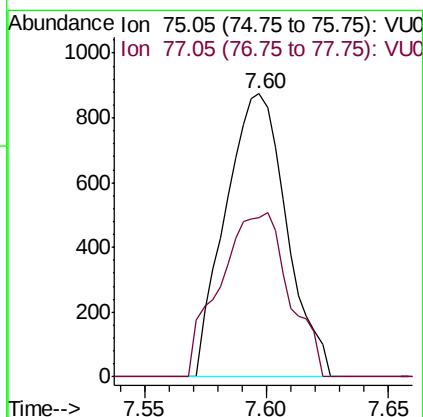
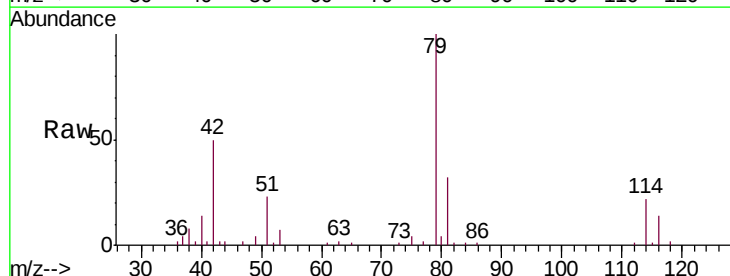
Instrument :
 MSVOA_U
 ClientSampleId :
 DBCX4

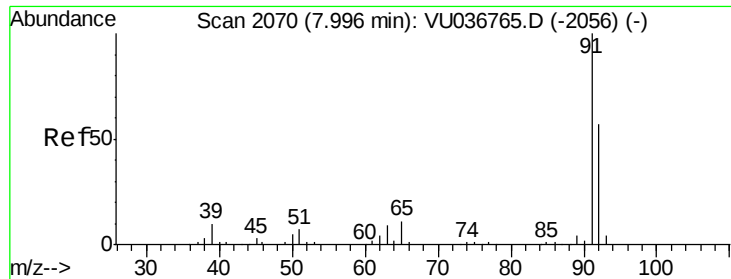
Tgt Ion: 63 Resp: 5920
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036775.D
 Acq: 13 Feb 2020 16:33

Tgt Ion: 75 Resp: 1519
 Ion Ratio Lower Upper
 75 100
 77 56.3 22.5 41.9#





#42

Toluene

Concen: 2.288 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU036775.D

Acq: 13 Feb 2020 16:33

Instrument :

MSVOA_U

ClientSampled :

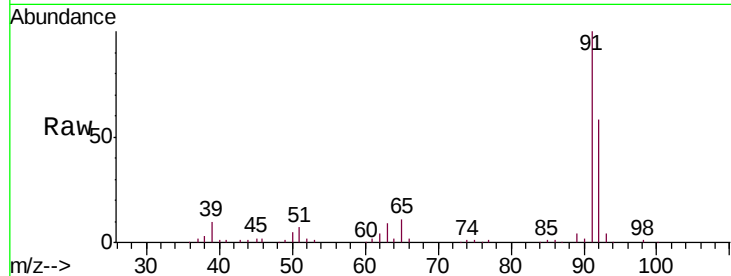
DBCX4

Tgt Ion: 91 Resp: 94663

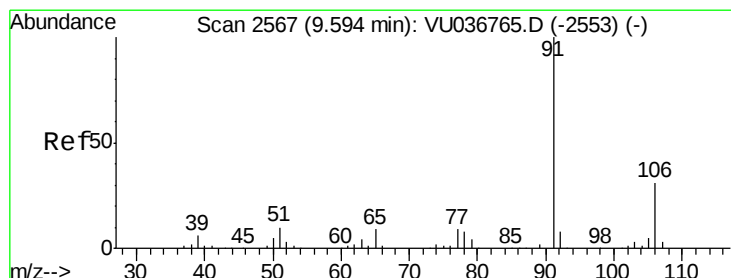
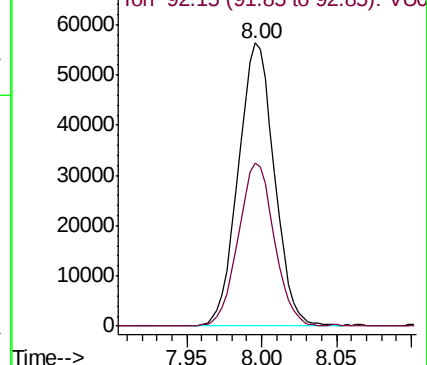
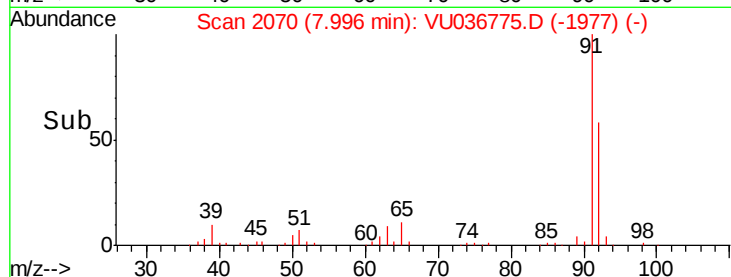
Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036775.D (-1977) (-)



#52

Ethylbenzene

Concen: 0.400 ug/L

RT: 9.59 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VU036775.D

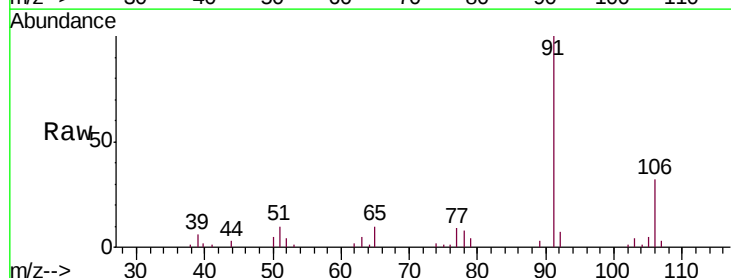
Acq: 13 Feb 2020 16:33

Tgt Ion: 91 Resp: 18502

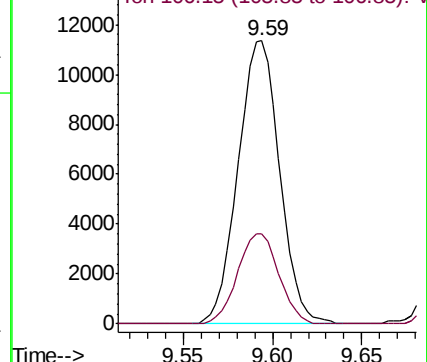
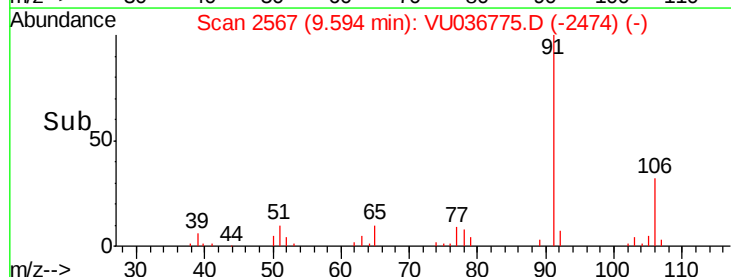
Ion Ratio Lower Upper

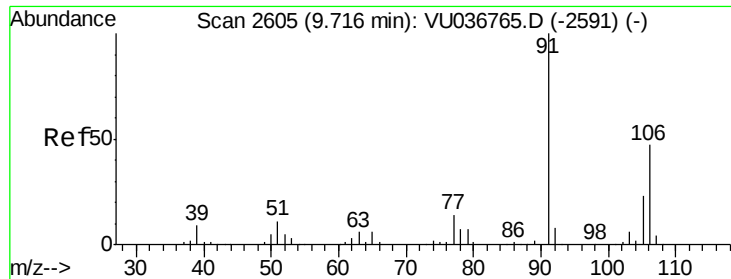
91 100

106 31.7 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VU036775.D (-2474) (-)

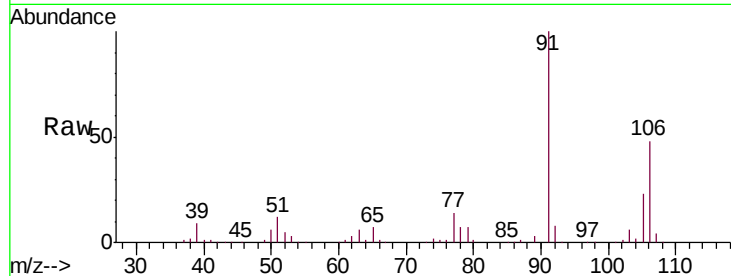




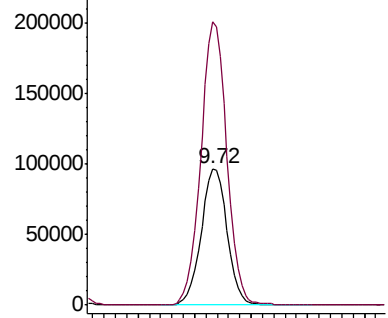
#53
m,p-Xylene
Concen: 9.098 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VU036775.D
Acq: 13 Feb 2020 16:33

Instrument :
MSVOA_U
ClientSampleId :
DBCX4

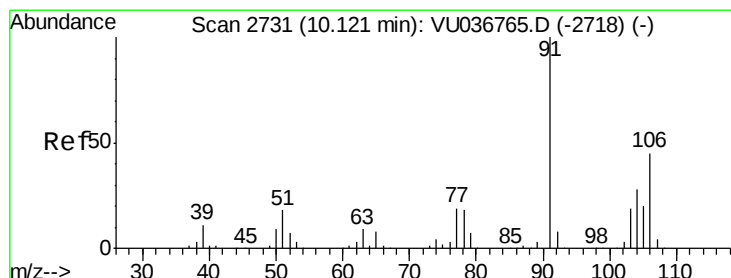
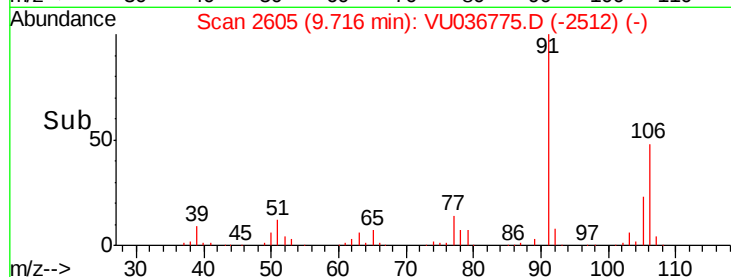
Tgt Ion:106 Resp: 154718
Ion Ratio Lower Upper
106 100
91 206.9 141.1 262.0



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

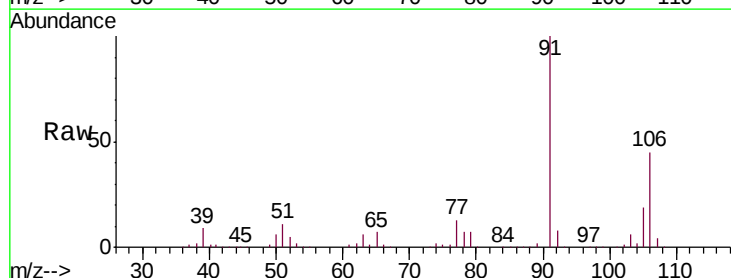


Time-->

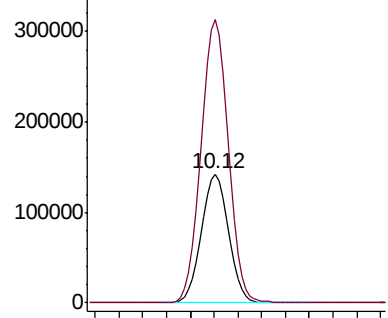


#54
o-Xylene
Concen: 13.497 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU036775.D
Acq: 13 Feb 2020 16:33

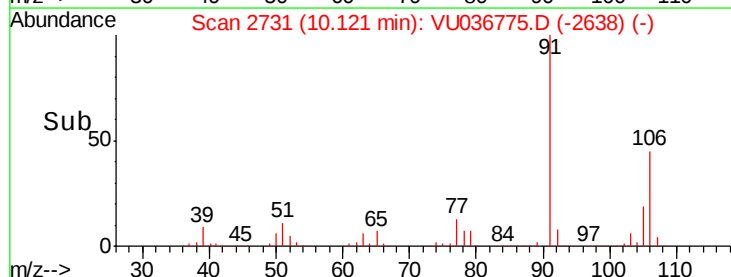
Tgt Ion:106 Resp: 225393
Ion Ratio Lower Upper
106 100
91 220.2 151.1 280.5

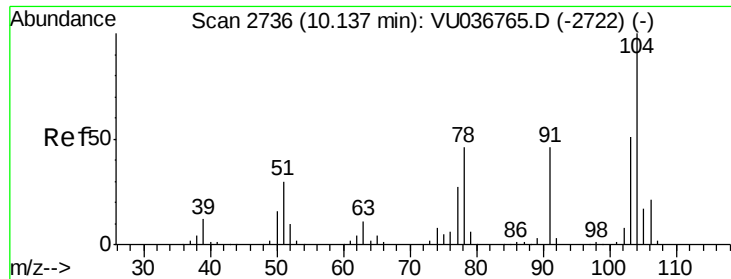


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



Time-->





#55

Styrene

Concen: 0.405 ug/L

RT: 10.12 min Scan# 2731

Delta R.T. -0.02 min

Lab File: VU036775.D

Acq: 13 Feb 2020 16:33

Instrument :

MSVOA_U

ClientSampleId :

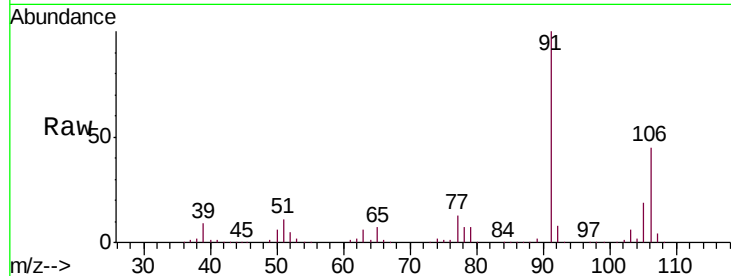
DBCX4

Tgt Ion:104 Resp: 11402

Ion Ratio Lower Upper

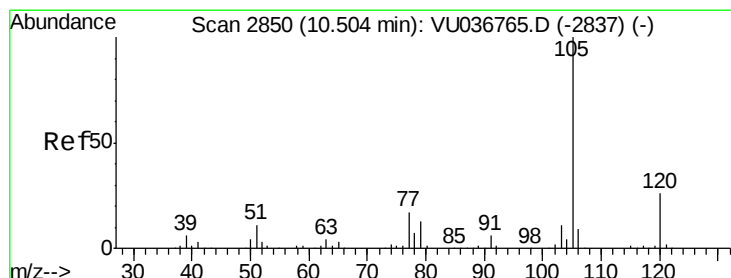
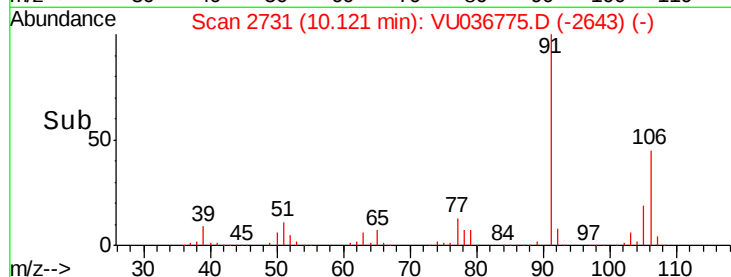
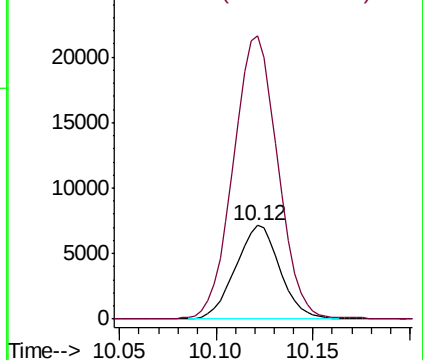
104 100

78 302.9 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: 4.677 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU036775.D

Acq: 13 Feb 2020 16:33

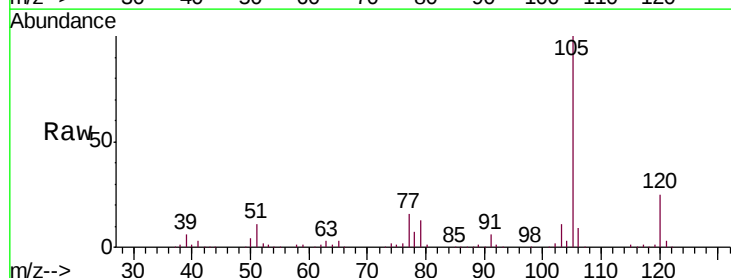
Tgt Ion:105 Resp: 209040

Ion Ratio Lower Upper

105 100

120 25.3 20.5 30.7

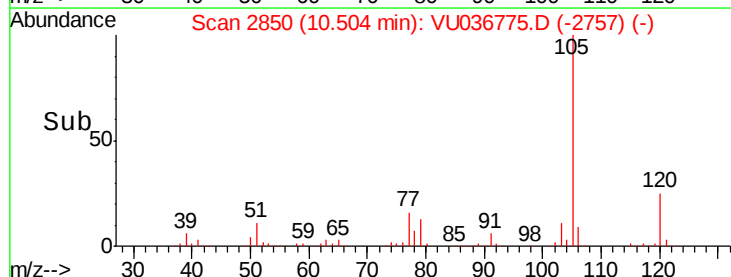
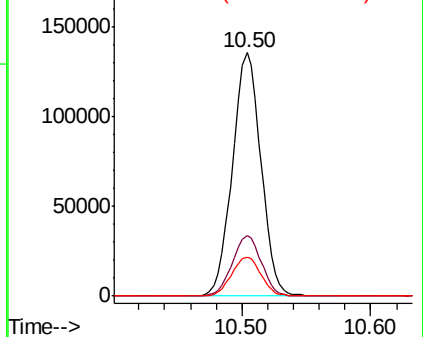
77 16.6 13.0 19.6

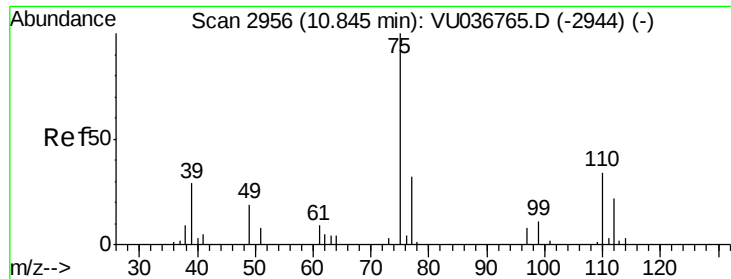


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

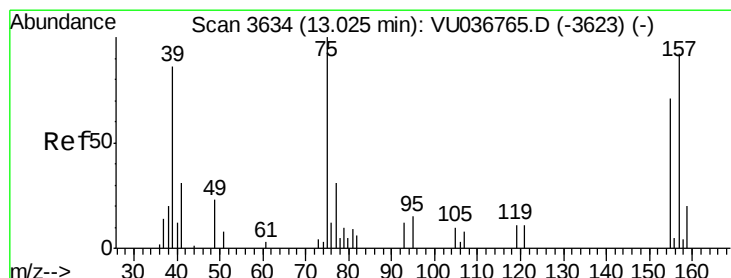
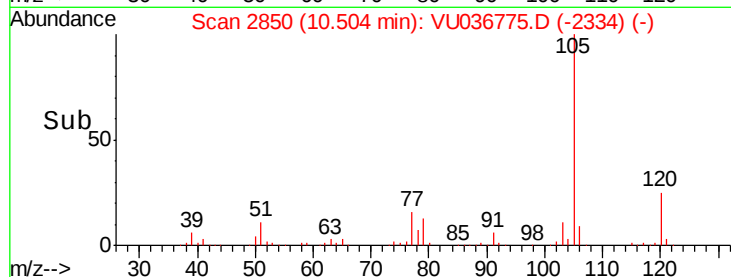
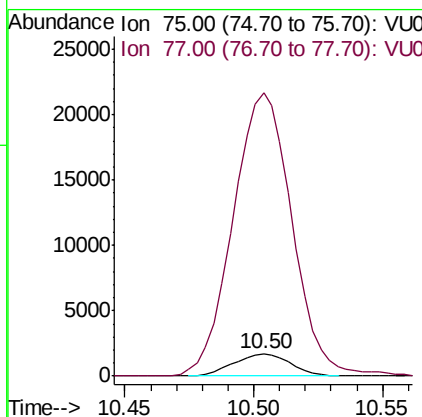
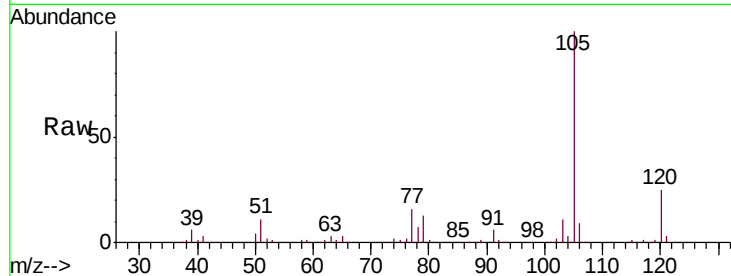




#59
 1,2,3-Trichloropropane
 Concen: 0.378 ug/L
 RT: 10.50 min Scan# 2850
 Delta R.T. -0.34 min
 Lab File: VU036775.D
 Acq: 13 Feb 2020 16:33

Instrument :
 MSVOA_U
 ClientSampleID :
 DBCX4

Tgt Ion: 75 Resp: 2624
 Ion Ratio Lower Upper
 75 100
 77 1324.8 25.6 38.4#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.169 ug/L
 RT: 13.00 min Scan# 3625
 Delta R.T. -0.03 min
 Lab File: VU036775.D
 Acq: 13 Feb 2020 16:33

Tgt Ion: 75 Resp: 3297
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.9 79.3#
 157 0.0 69.2 103.8#

