

Data File : VU036130.D
Acq On : 11 Dec 2019 13:56
Operator : JC/MD
Sample : K6167-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQT7

Quant Time: Dec 12 06:14:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	301186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	330632	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	120580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132706	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.93	69	124402	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.59	63	139401	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.70	46	262172	57.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.62%
24) Chloroform-d	5.11	84	210515	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.75	65	108213	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.77	84	402398	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	129056	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.93	98	318172	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.21	79	43846	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.68	63	196644	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	112592	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	115909	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

						Qvalue
8) Chloroethane	1.95	64	162996	7.104	ug/L	97
13) Acetone	2.69	43	23042	3.968	ug/L	97
16) Methylene chloride	3.08	84	1882	0.062	ug/L	84
19) 1,1-Dichloroethane	3.92	63	7585	0.189	ug/L	99
33) Benzene	5.82	78	49498	0.548	ug/L	100
35) Methylcyclohexane	6.73	83	31203	0.969	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	13264	0.585	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2945	0.096	ug/L #	72
42) Toluene	8.00	91	10416	0.107	ug/L	86
48) 2-Hexanone	8.68	43	22859	2.691	ug/L #	72
51) Chlorobenzene	9.48	112	379782	5.623	ug/L	98
54) o-Xylene	10.13	106	2593	0.068	ug/L	84
56) Isopropylbenzene	10.51	105	16858	0.168	ug/L	98
59) 1,2,3-Trichloropropane	11.84	75	12975	0.801	ug/L #	41
63) 1,4-Dichlorobenzene	11.86	146	3564	0.092	ug/L #	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121119\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

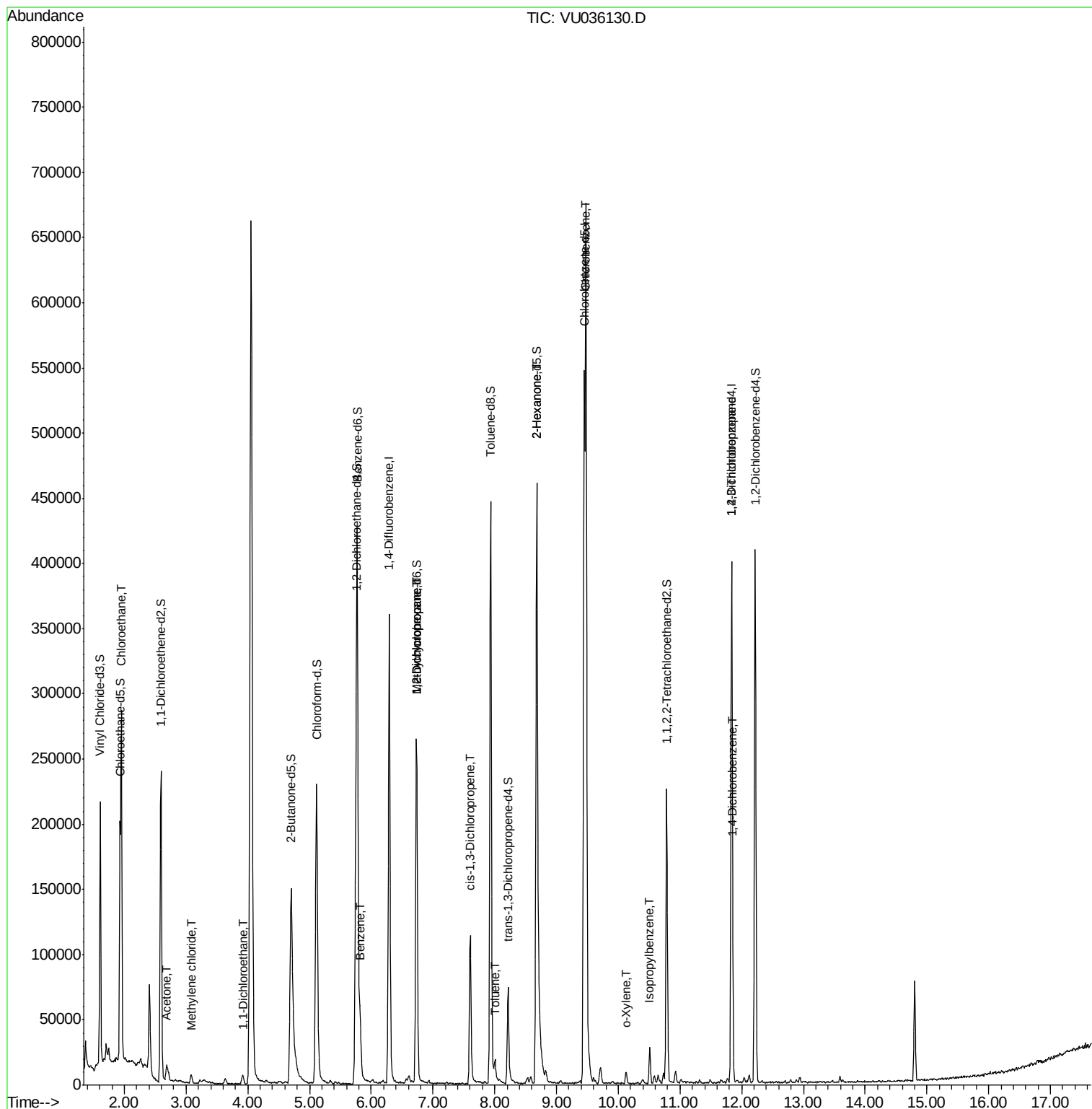
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

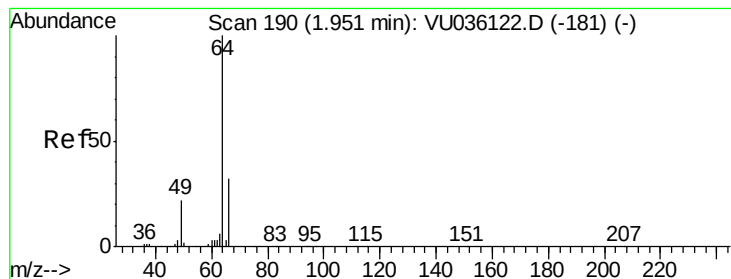
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#8

Chloroethane

Concen: 7.104 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU036130.D

Acq: 11 Dec 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

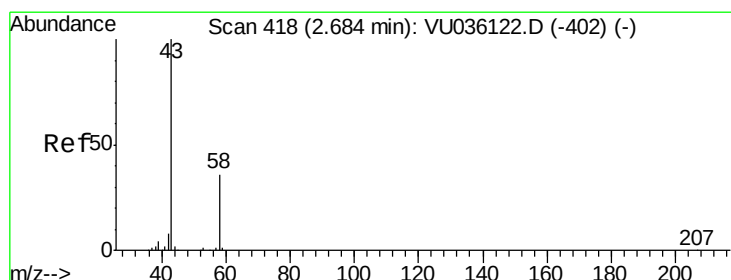
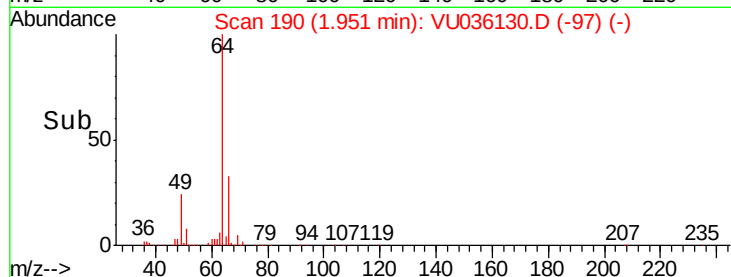
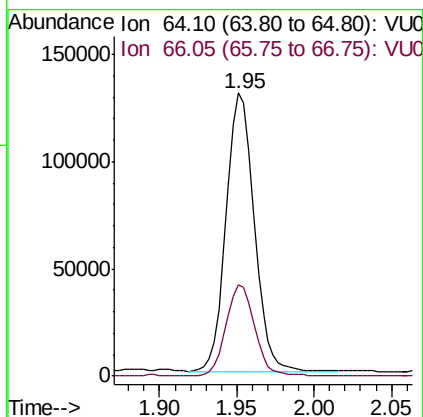
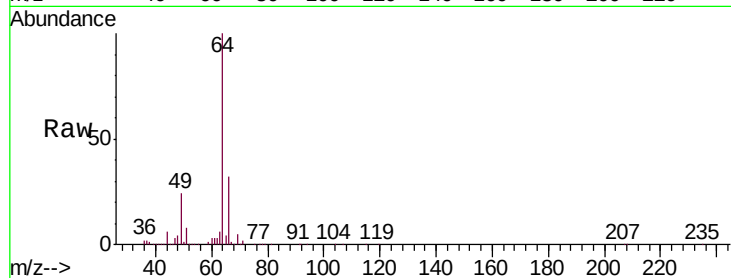
BFQT7

Tgt Ion: 64 Resp: 162996

Ion Ratio Lower Upper

64 100

66 32.2 21.5 39.9



#13

Acetone

Concen: 3.968 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU036130.D

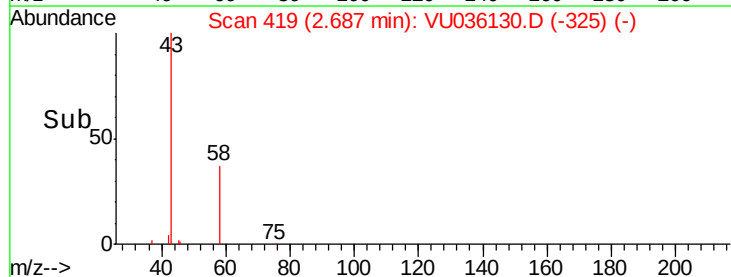
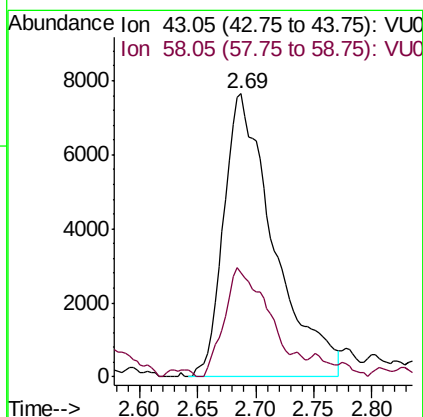
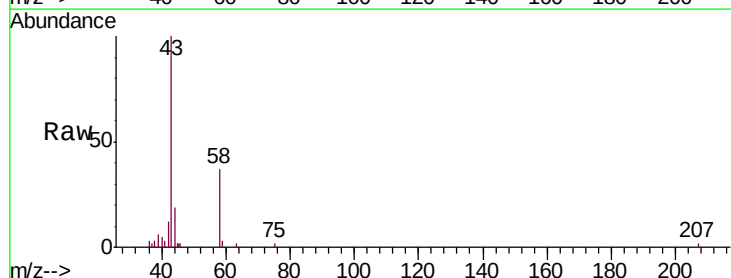
Acq: 11 Dec 2019 13:56

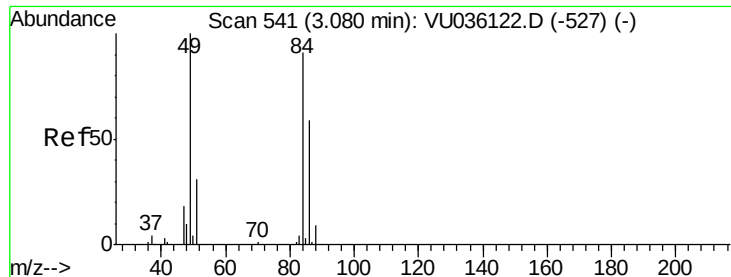
Tgt Ion: 43 Resp: 23042

Ion Ratio Lower Upper

43 100

58 35.1 0.0 74.2

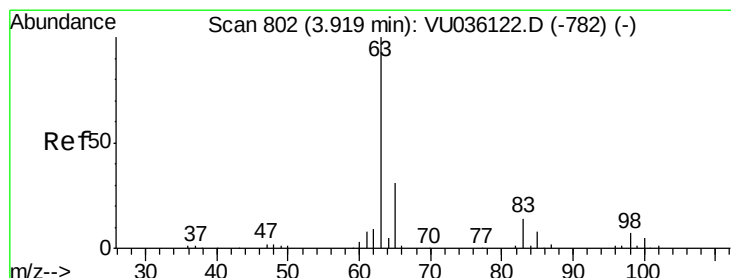
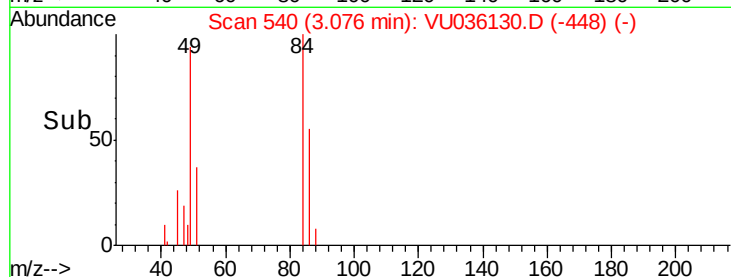
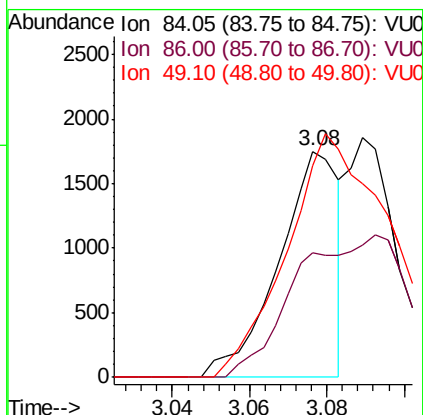
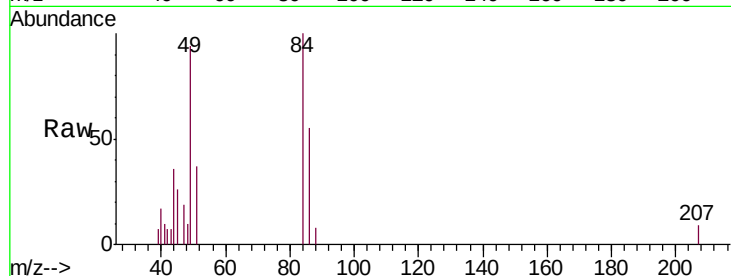




#16
Methylene chloride
Concen: 0.062 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU036130.D
Acq: 11 Dec 2019 13:56

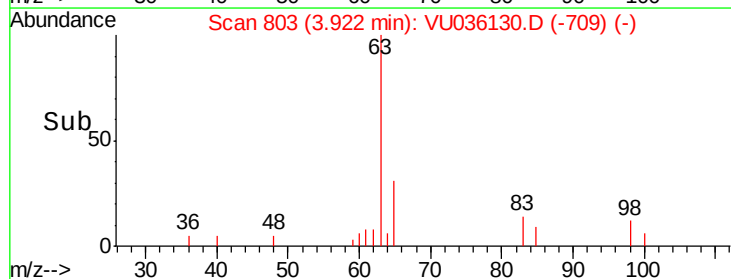
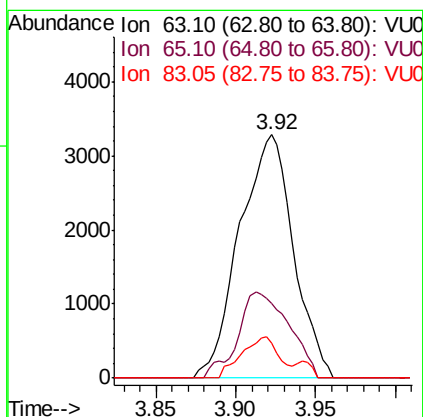
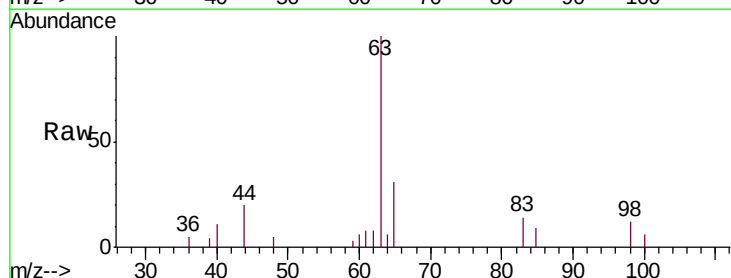
Instrument :
MSVOA_U
ClientSampleId :
BFQT7

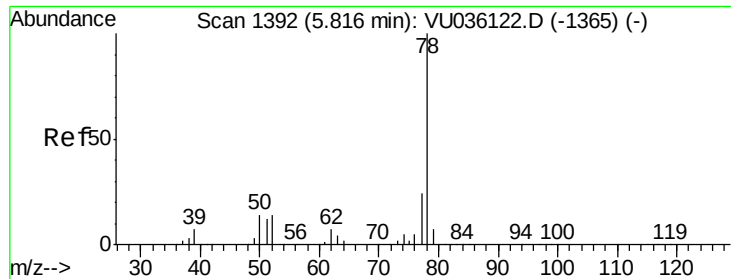
Tgt Ion: 84 Resp: 1882
Ion Ratio Lower Upper
84 100
86 54.9 47.5 88.3
49 93.7 76.9 142.9



#19
1,1-Dichloroethane
Concen: 0.189 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU036130.D
Acq: 11 Dec 2019 13:56

Tgt Ion: 63 Resp: 7585
Ion Ratio Lower Upper
63 100
65 30.6 21.8 40.4
83 14.1 10.1 18.9

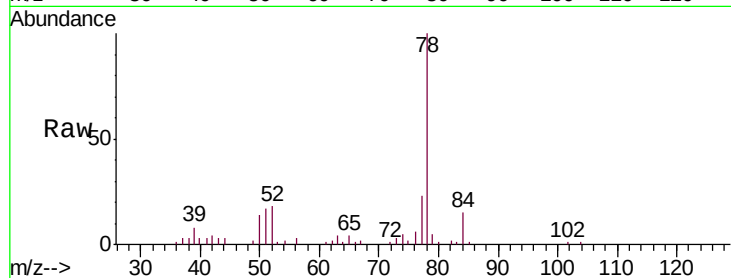




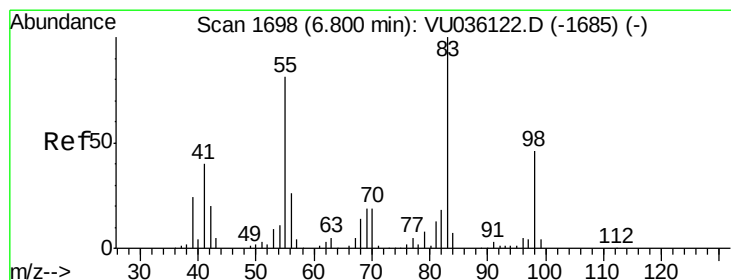
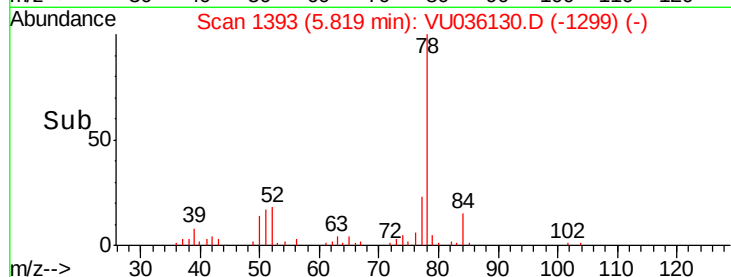
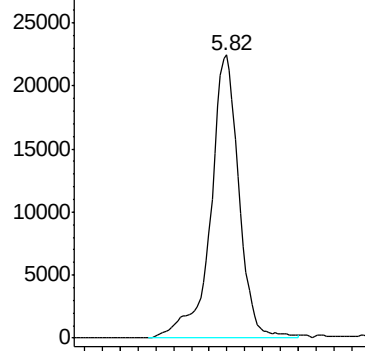
#33
Benzene
Concen: 0.548 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU036130.D
Acq: 11 Dec 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
BFQT7

Tgt Ion: 78 Resp: 49498

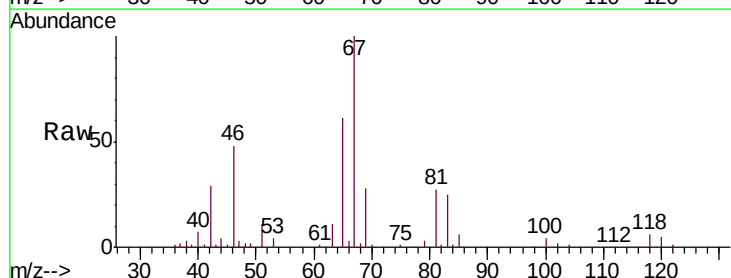


Abundance Ion 78.10 (77.80 to 78.80): VU0



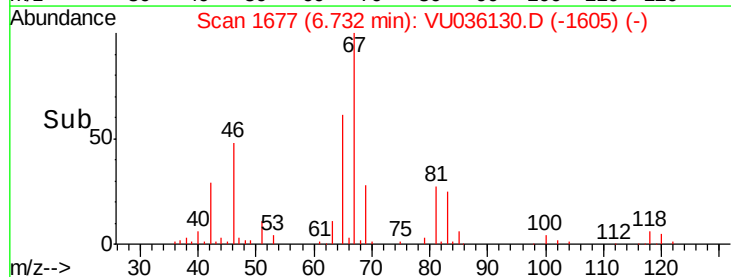
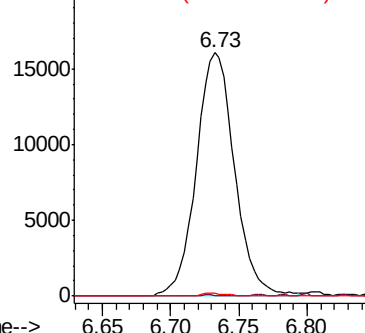
#35
Methylcyclohexane
Concen: 0.969 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036130.D
Acq: 11 Dec 2019 13:56

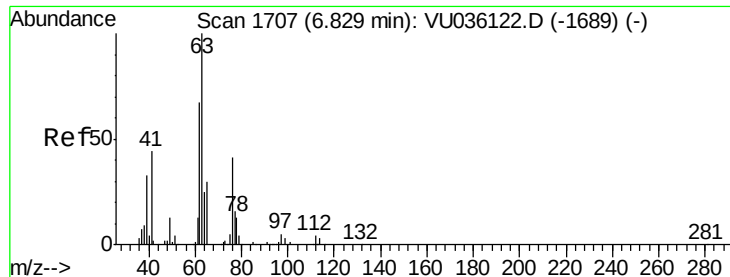
Tgt Ion: 83 Resp: 31203
Ion Ratio Lower Upper
83 100
55 0.1 62.1 93.1#
98 0.8 37.0 55.4#



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

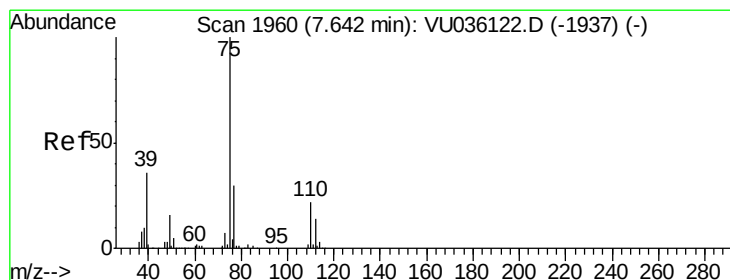
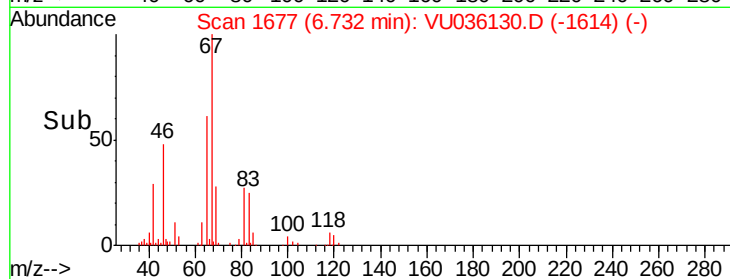
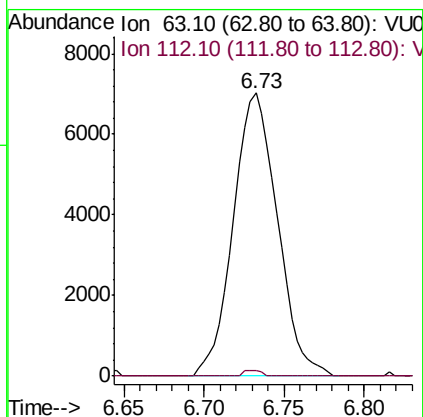
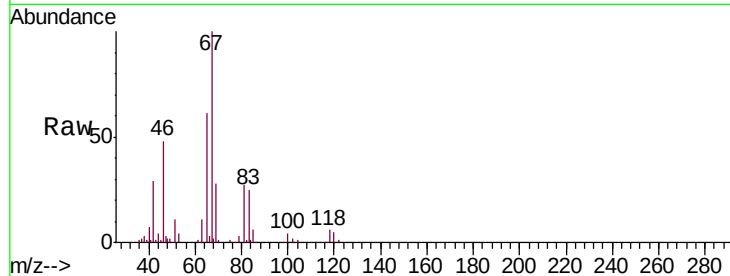




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036130.D
 Acq: 11 Dec 2019 13:56

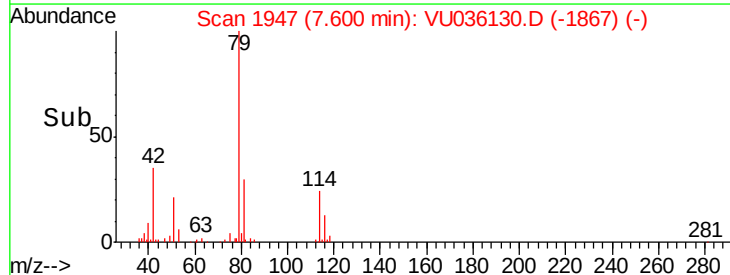
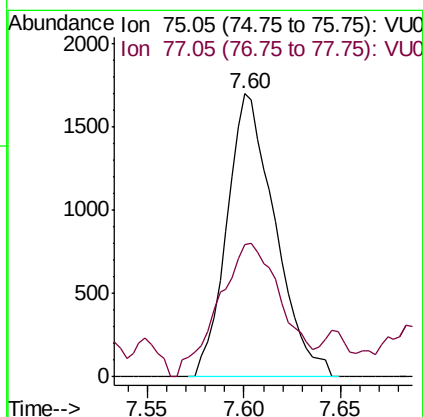
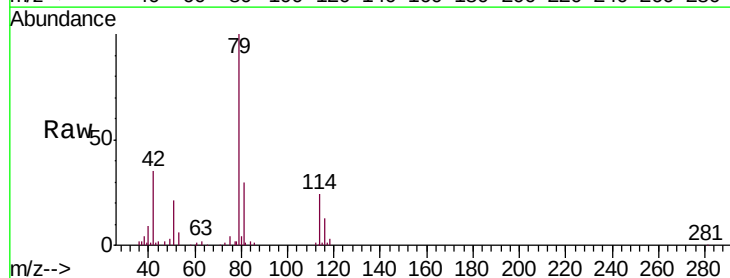
Instrument :
 MSVOA_U
 ClientSampleId :
 BFQT7

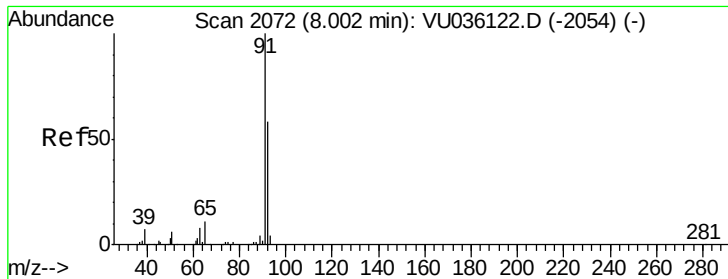
Tgt Ion: 63 Resp: 13264
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036130.D
 Acq: 11 Dec 2019 13:56

Tgt Ion: 75 Resp: 2945
 Ion Ratio Lower Upper
 75 100
 77 46.5 21.7 40.3#





#42

Toluene

Concen: 0.107 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036130.D

Acq: 11 Dec 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

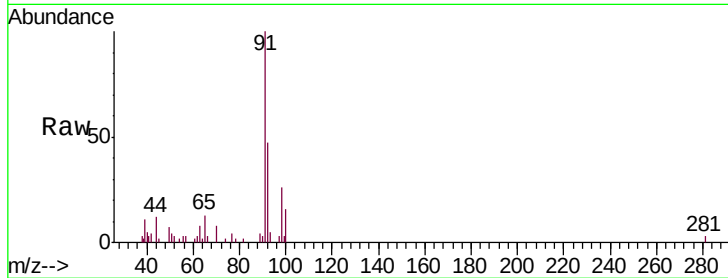
BFQT7

Tgt Ion: 91 Resp: 10416

Ion Ratio Lower Upper

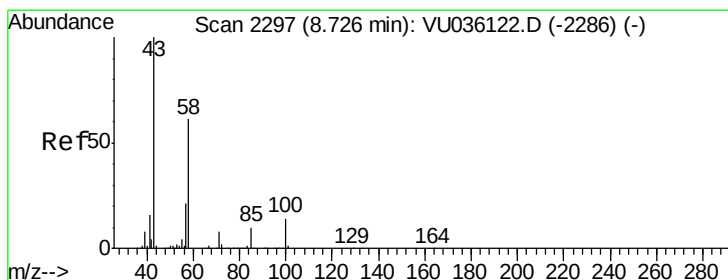
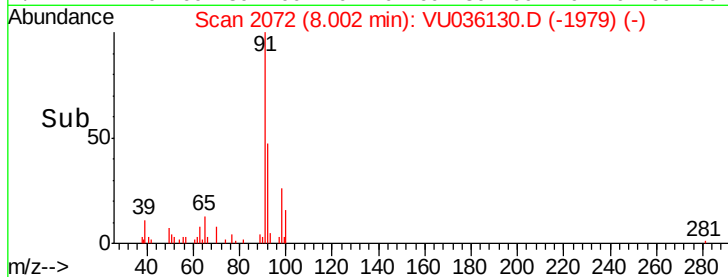
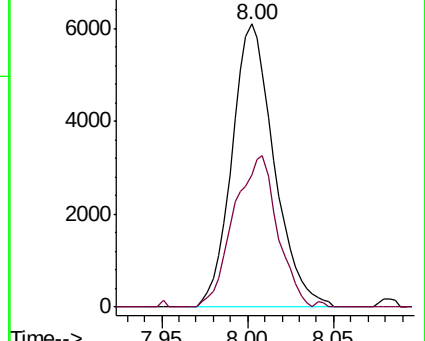
91 100

92 46.8 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU036122.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU036122.D (-2054) (-)



#48

2-Hexanone

Concen: 2.691 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

Lab File: VU036130.D

Acq: 11 Dec 2019 13:56

Tgt Ion: 43 Resp: 22859

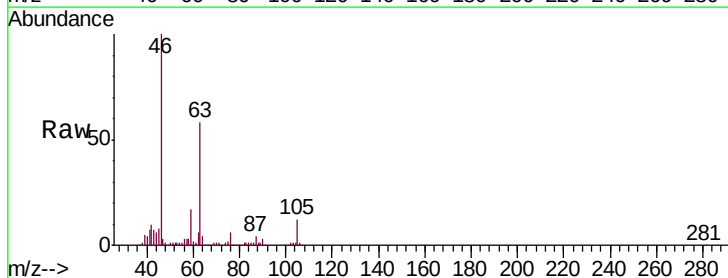
Ion Ratio Lower Upper

43 100

58 41.8 46.9 70.3#

57 41.8 16.4 24.6#

100 4.5 11.0 16.4#

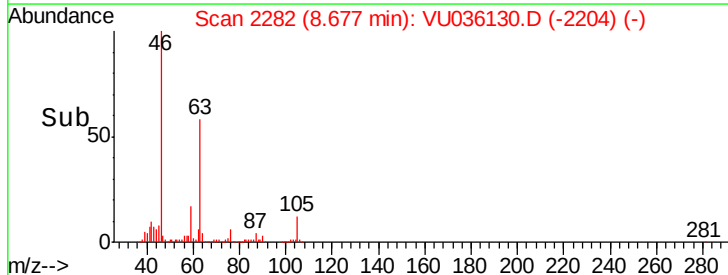
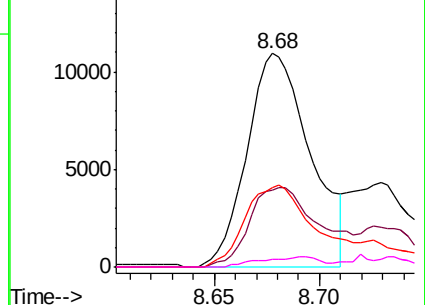


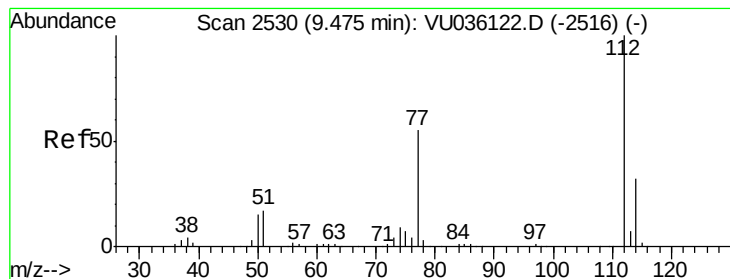
Abundance Ion 43.05 (42.75 to 43.75): VU036122.D (-2286) (-)

Ion 58.05 (57.75 to 58.75): VU036122.D (-2286) (-)

Ion 57.20 (56.90 to 57.90): VU036122.D (-2286) (-)

Ion 100.15 (99.85 to 100.85): VU036122.D (-2286) (-)





#51

Chlorobenzene

Concen: 5.623 ug/L

RT: 9.48 min Scan# 2531

Delta R.T. 0.00 min

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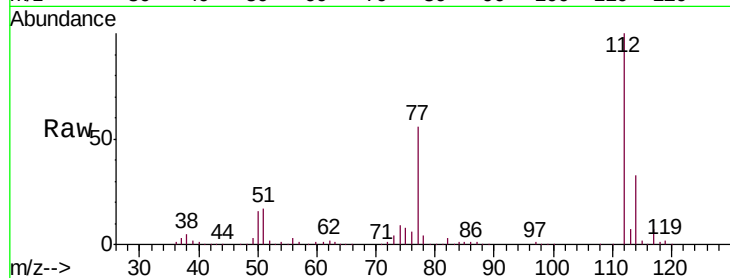
Tgt Ion:112 Resp: 379782

Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.5

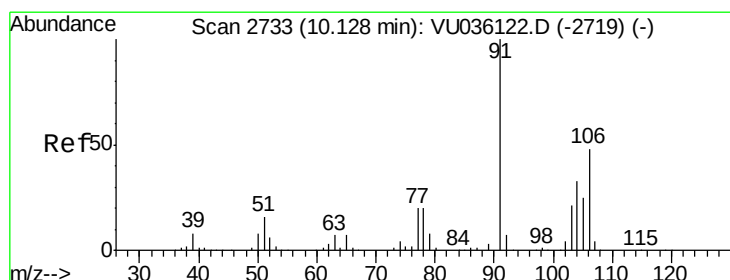
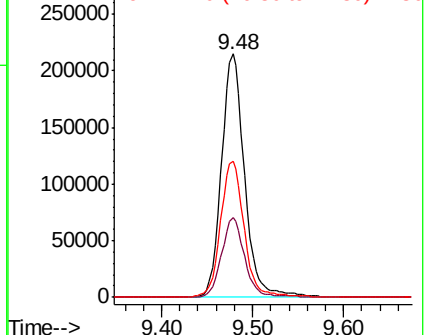
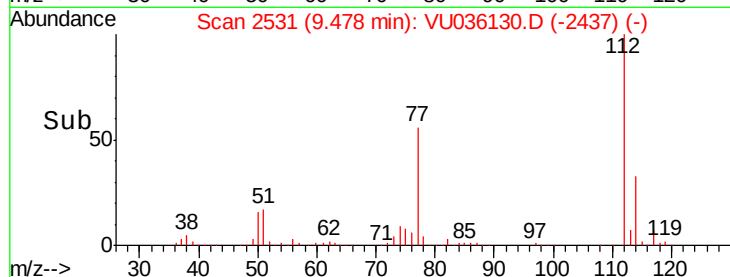
77 56.0 43.8 65.8



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): VU



#54

o-Xylene

Concen: 0.068 ug/L

RT: 10.13 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU036130.D

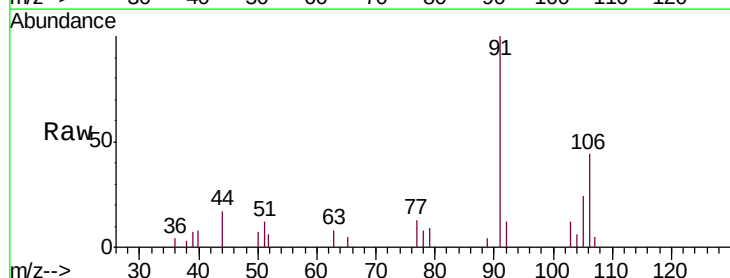
Acq: 11 Dec 2019 13:56

Tgt Ion:106 Resp: 2593

Ion Ratio Lower Upper

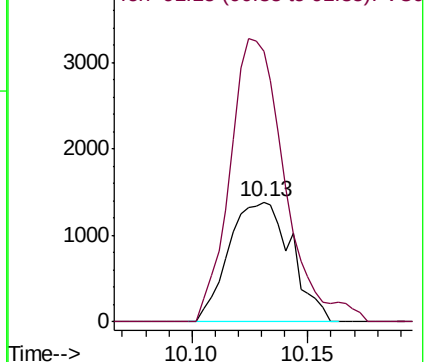
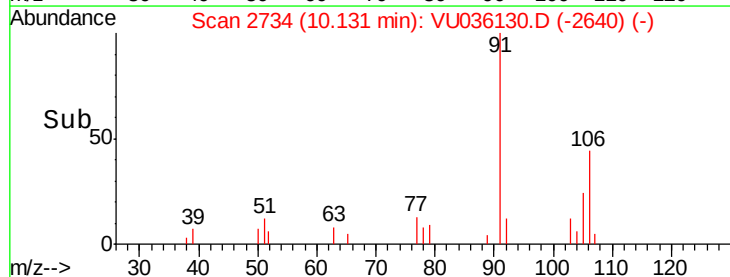
106 100

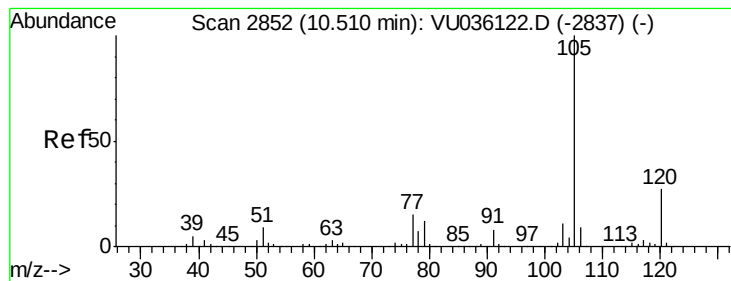
91 225.1 140.6 261.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU





#56

Isopropylbenzene

Concen: 0.168 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036130.D

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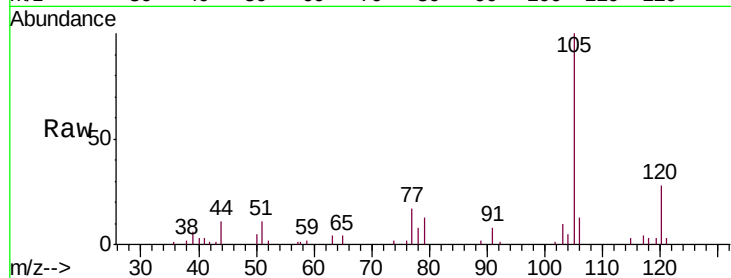
Tgt Ion:105 Resp: 16858

Ion Ratio Lower Upper

105 100

120 25.6 21.4 32.2

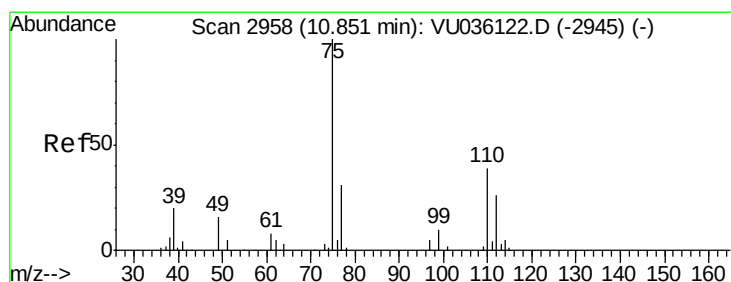
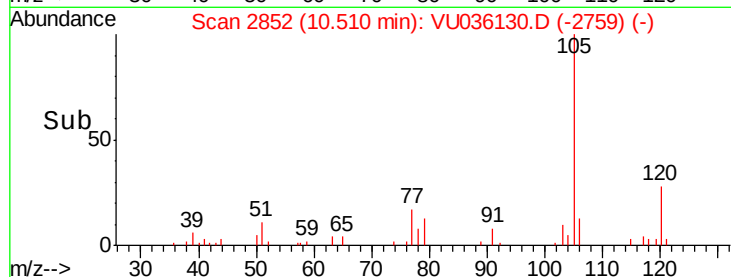
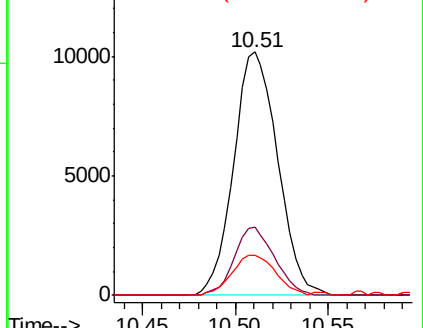
77 16.4 12.3 18.5



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): VU



#59

1,2,3-Trichloropropane

Concen: 0.801 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036130.D

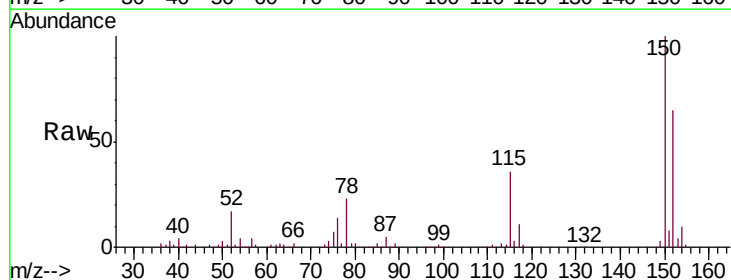
Acq: 11 Dec 2019 13:56

Tgt Ion: 75 Resp: 12975

Ion Ratio Lower Upper

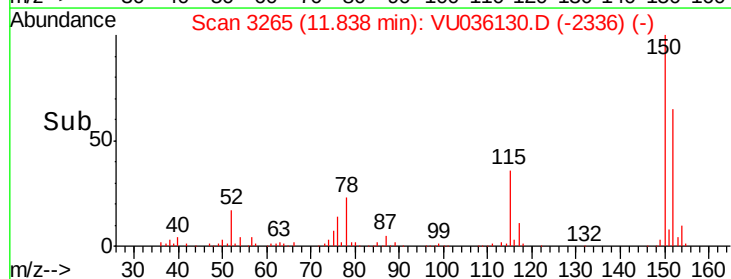
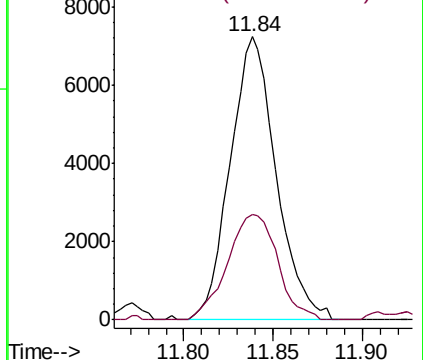
75 100

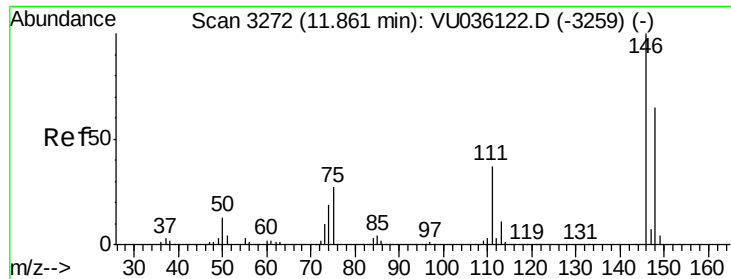
77 0.0 26.7 40.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

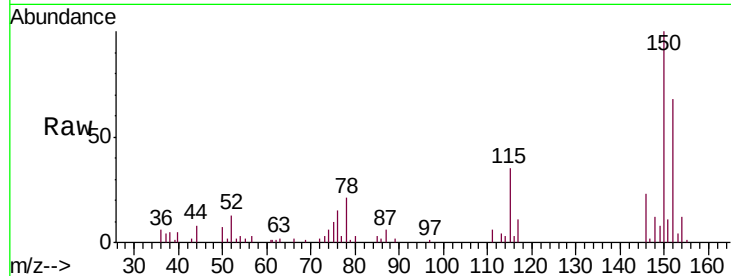




#63
 1,4-Dichlorobenzene
 Concen: 0.092 ug/L
 RT: 11.86 min Scan# 3273
 Delta R.T. 0.00 min
 Lab File: VU036130.D
 Acq: 11 Dec 2019 13:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQT7

Tgt Ion:146 Resp: 3564
 Ion Ratio Lower Upper
 146 100
 111 25.6 26.2 48.6#
 148 55.0 44.9 83.5



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

