

Data File : VU036057.D
Acq On : 09 Dec 2019 19:17
Operator : JC/MD
Sample : K6167-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQS9

Quant Time: Dec 10 01:52:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246143	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	91299	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108354	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.93	69	125044	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.59	63	132889	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.70	46	205362	54.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.86%
24) Chloroform-d	5.11	84	173284	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	93973	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.77	84	348353	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.73	67	107233	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.93	98	293752	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.21	79	32265	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.68	63	162584	52.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96467	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	101610	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

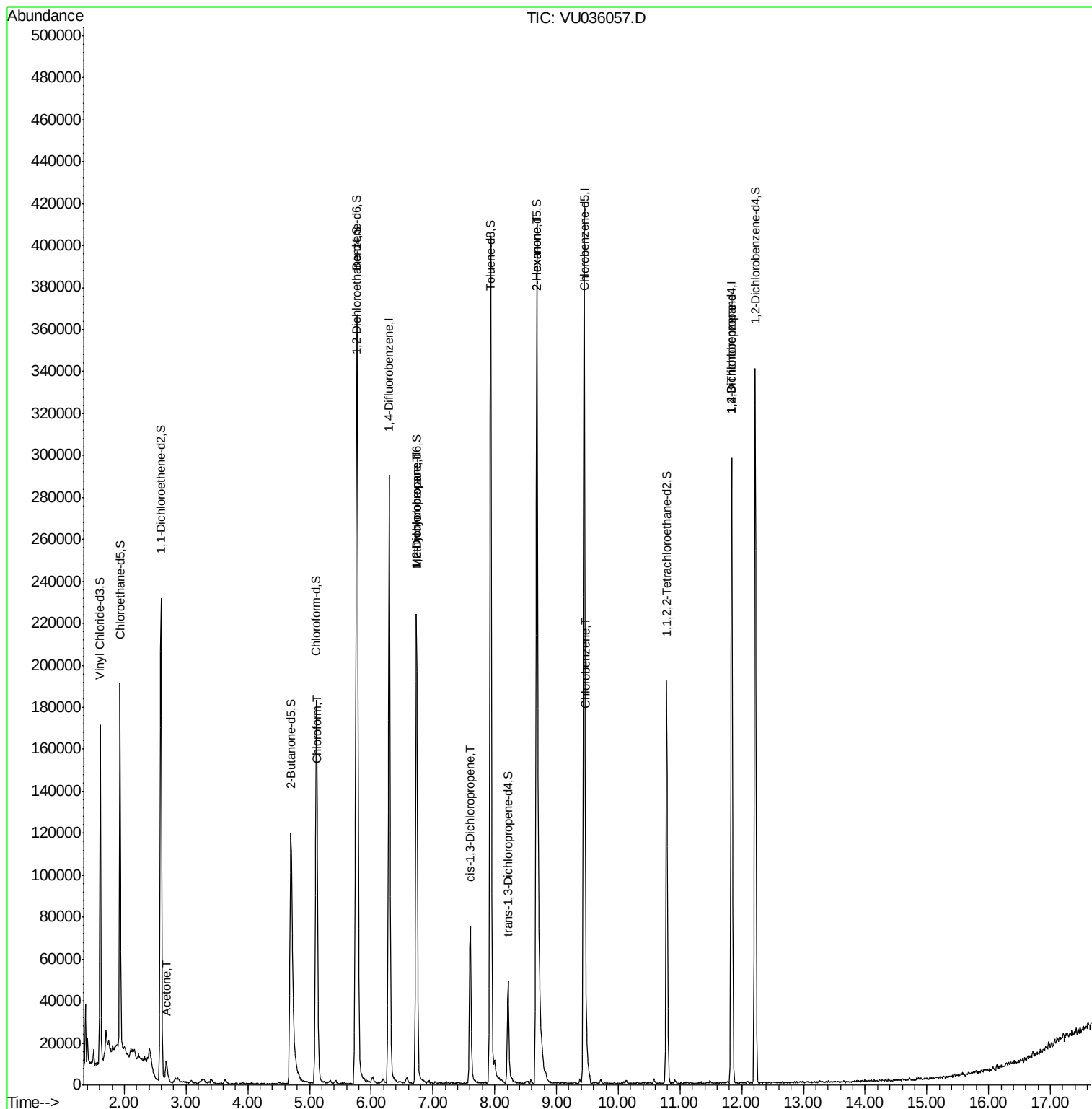
					Qvalue
13) Acetone	2.68	43	15133	3.189 ug/L	85
25) Chloroform	5.13	83	8125	0.222 ug/L	99
35) Methylcyclohexane	6.73	83	26140	1.000 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	11500	0.625 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	2283	0.091 ug/L #	48
48) 2-Hexanone	8.68	43	22005	3.189 ug/L #	75
51) Chlorobenzene	9.47	112	9428	0.172 ug/L	89
59) 1,2,3-Trichloropropane	11.83	75	9891	0.751 ug/L	97

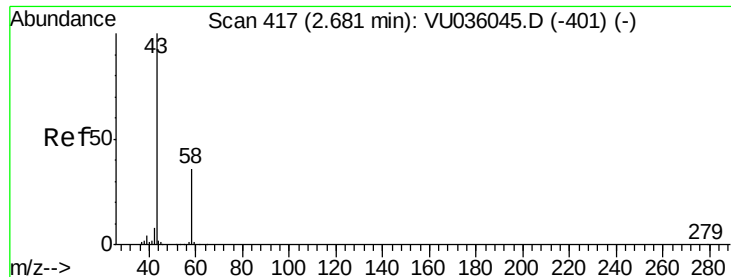
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.189 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036057.D

Acq: 09 Dec 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

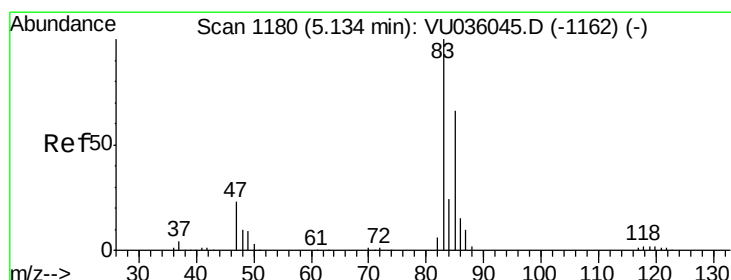
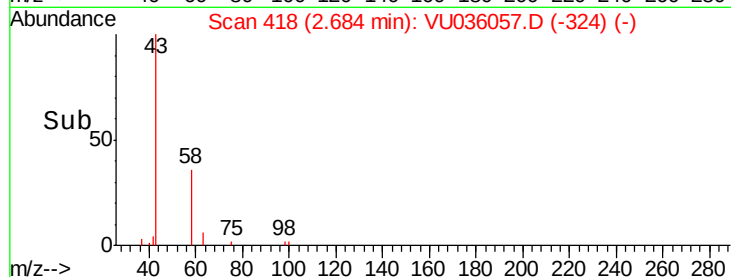
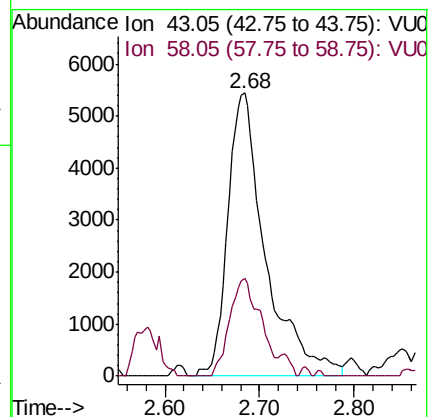
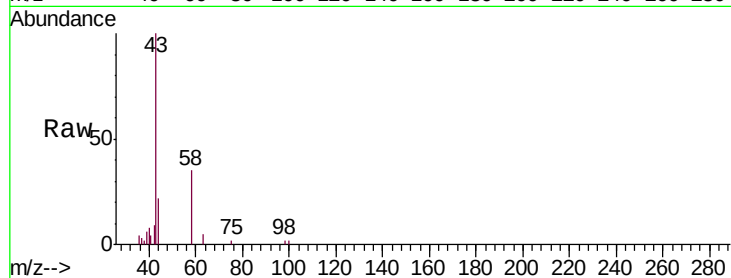
BFQS9

Tgt Ion: 43 Resp: 15133

Ion Ratio Lower Upper

43 100

58 28.1 0.0 74.2



#25

Chloroform

Concen: 0.222 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036057.D

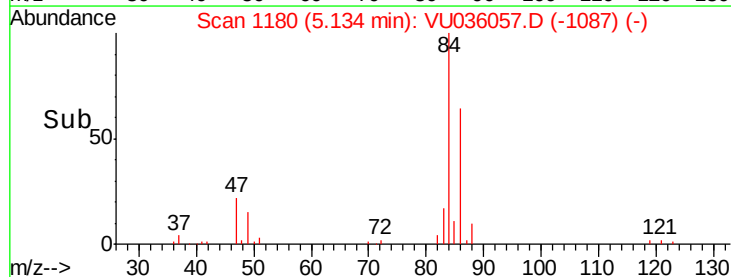
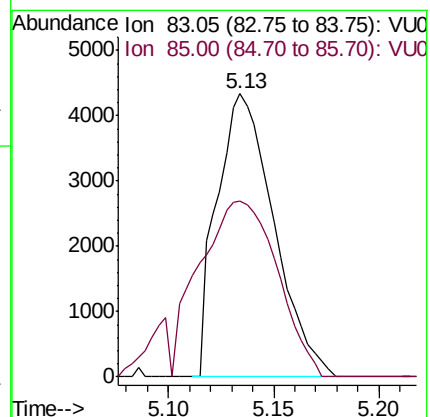
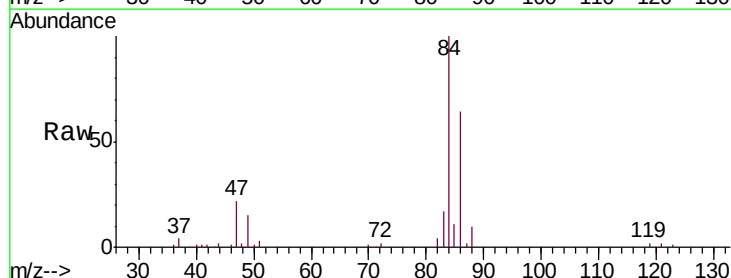
Acq: 09 Dec 2019 19:17

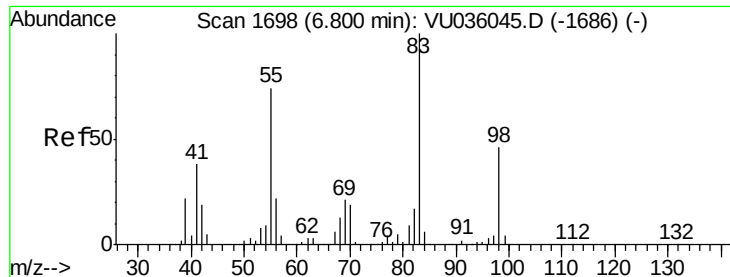
Tgt Ion: 83 Resp: 8125

Ion Ratio Lower Upper

83 100

85 62.2 43.9 81.5

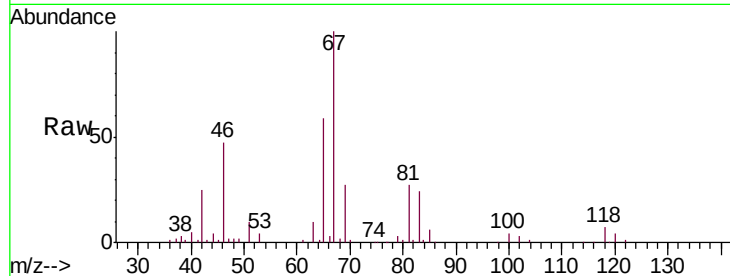




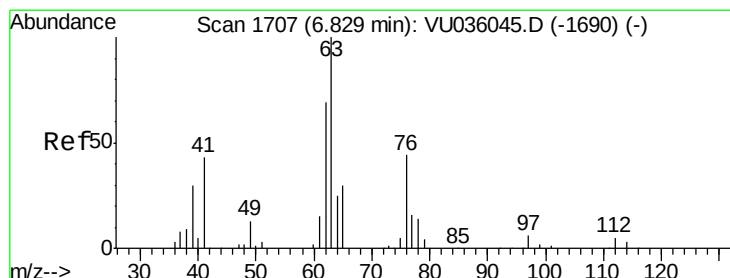
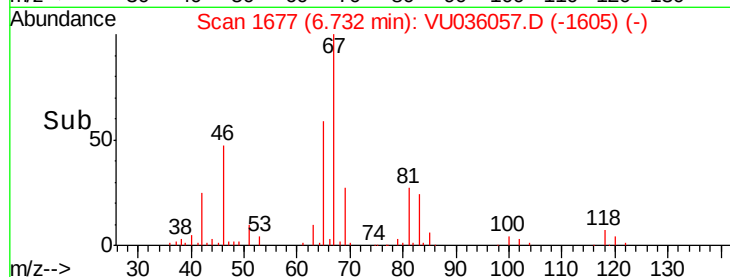
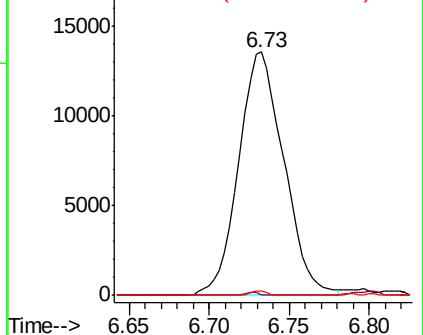
#35
Methylcyclohexane
Concen: 1.000 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036057.D
Acq: 09 Dec 2019 19:17

Instrument :
MSVOA_U
ClientSampleId :
BFQS9

Tgt Ion: 83 Resp: 26140
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 0.6 37.0 55.4#

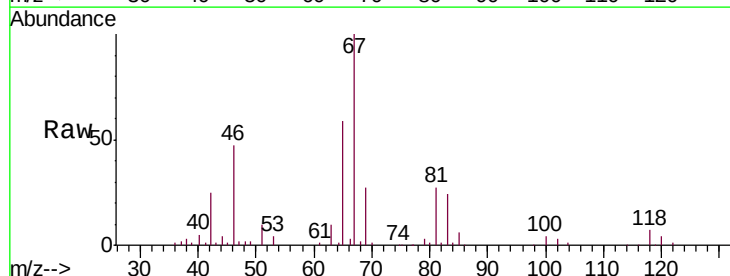


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

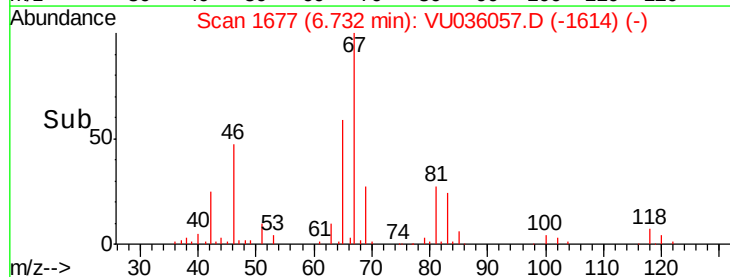
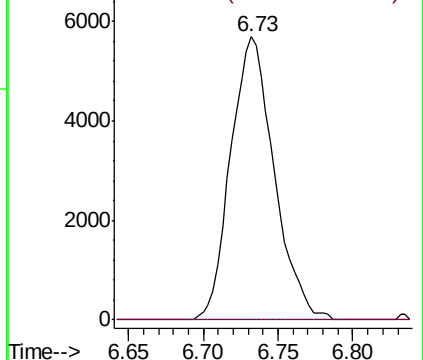


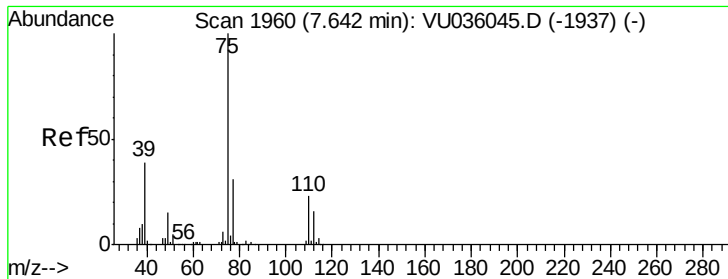
#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036057.D
Acq: 09 Dec 2019 19:17

Tgt Ion: 63 Resp: 11500
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.8#



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: 0.091 ug/L

RT: 7.61 min Scan# 1950

Delta R.T. -0.03 min

Lab File: VU036057.D

Acq: 09 Dec 2019 19:17

Instrument :

MSVOA_U

ClientSampleId :

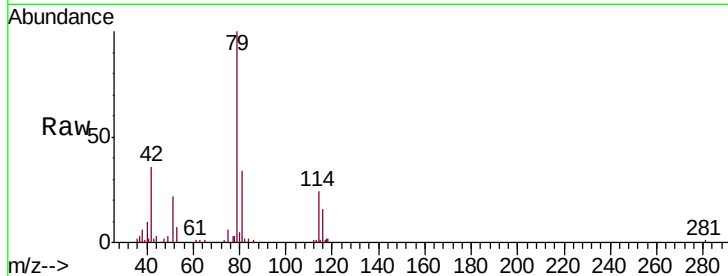
BFQS9

Tgt Ion: 75 Resp: 2283

Ion Ratio Lower Upper

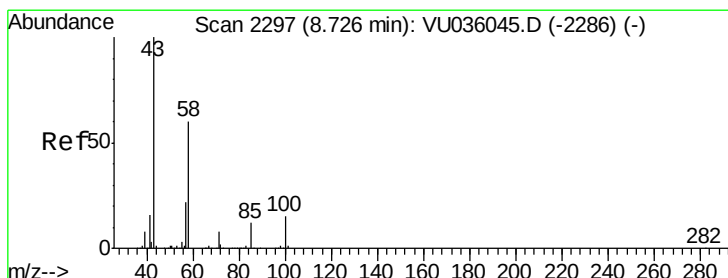
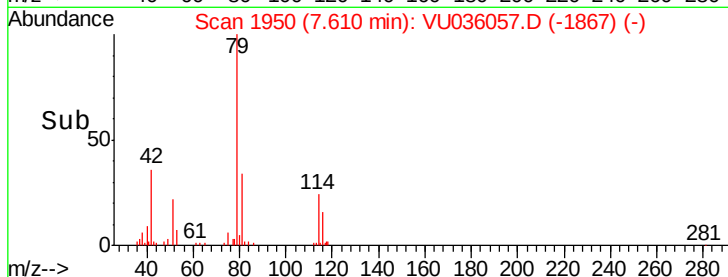
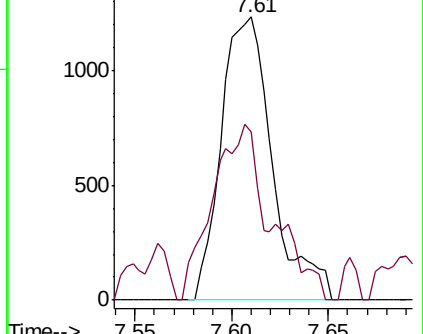
75 100

77 59.3 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 3.189 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.05 min

Lab File: VU036057.D

Acq: 09 Dec 2019 19:17

Tgt Ion: 43 Resp: 22005

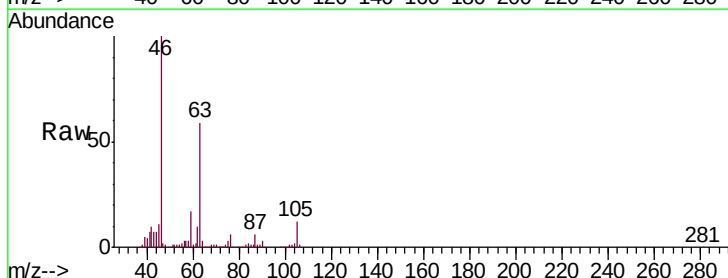
Ion Ratio Lower Upper

43 100

58 44.4 46.9 70.3#

57 38.5 16.4 24.6#

100 2.2 11.0 16.4#

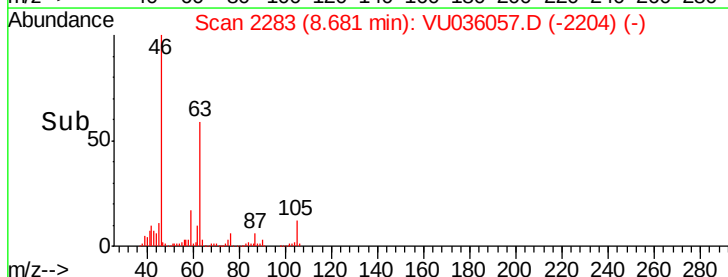
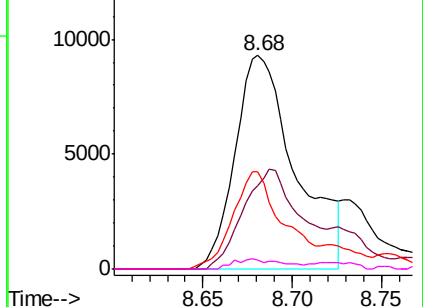


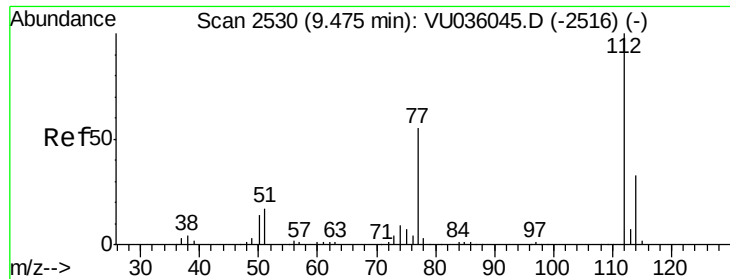
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#51

Chlorobenzene

Concen: 0.172 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036057.D

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Instrument :

MSVOA_U

ClientSampleId :

BFQS9

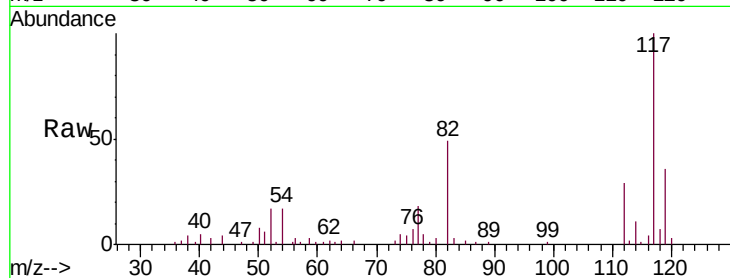
Tgt Ion: 112 Resp: 9428

Ion Ratio Lower Upper

112 100

114 37.5 22.3 41.5

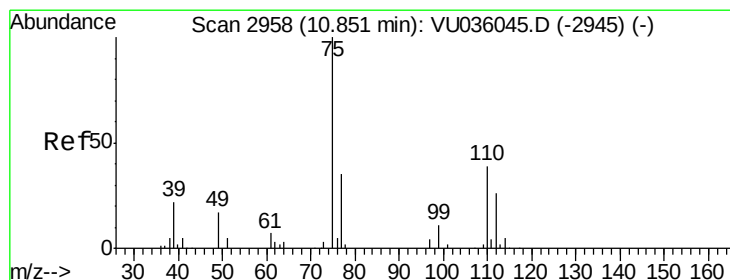
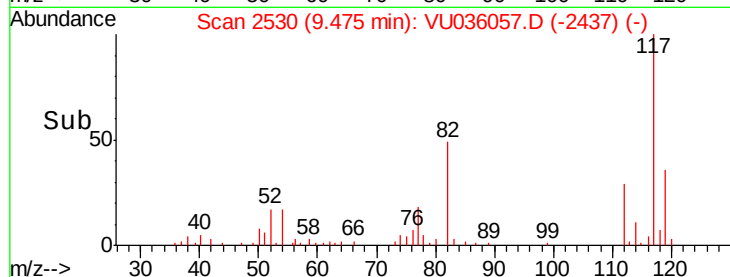
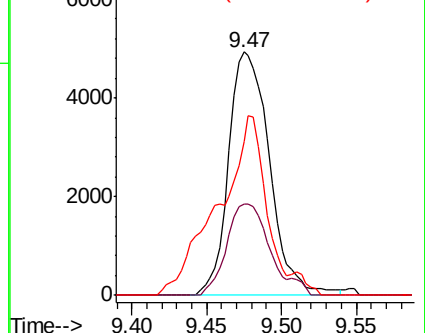
77 63.3 43.8 65.8



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



#59

1,2,3-Trichloropropane

Concen: 0.751 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036057.D

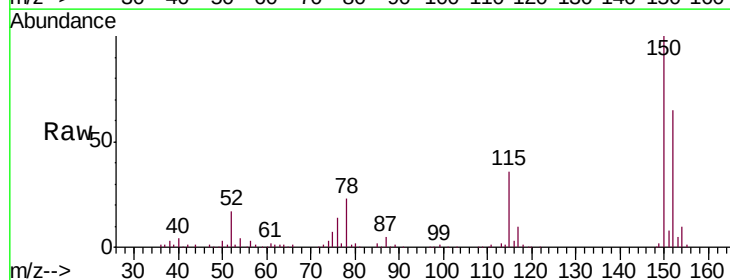
Acq: 09 Dec 2019 19:17

Tgt Ion: 75 Resp: 9891

Ion Ratio Lower Upper

75 100

77 35.0 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

