

Data File : VU036014.D
Acq On : 06 Dec 2019 10:59
Operator : JC/SP
Sample : VV1206WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK22

Quant Time: Dec 06 22:33:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 06 22:30:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	282408	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	303724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104637	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144778	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.93	69	118657	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.59	63	165965	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.70	46	251436	44.11	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.22%
24) Chloroform-d	5.11	84	214175	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.75	65	110521	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.77	84	428558	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.73	67	131681	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.93	98	348497	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.21	79	50136	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.68	63	192373	41.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.16%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	105974	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	111247	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

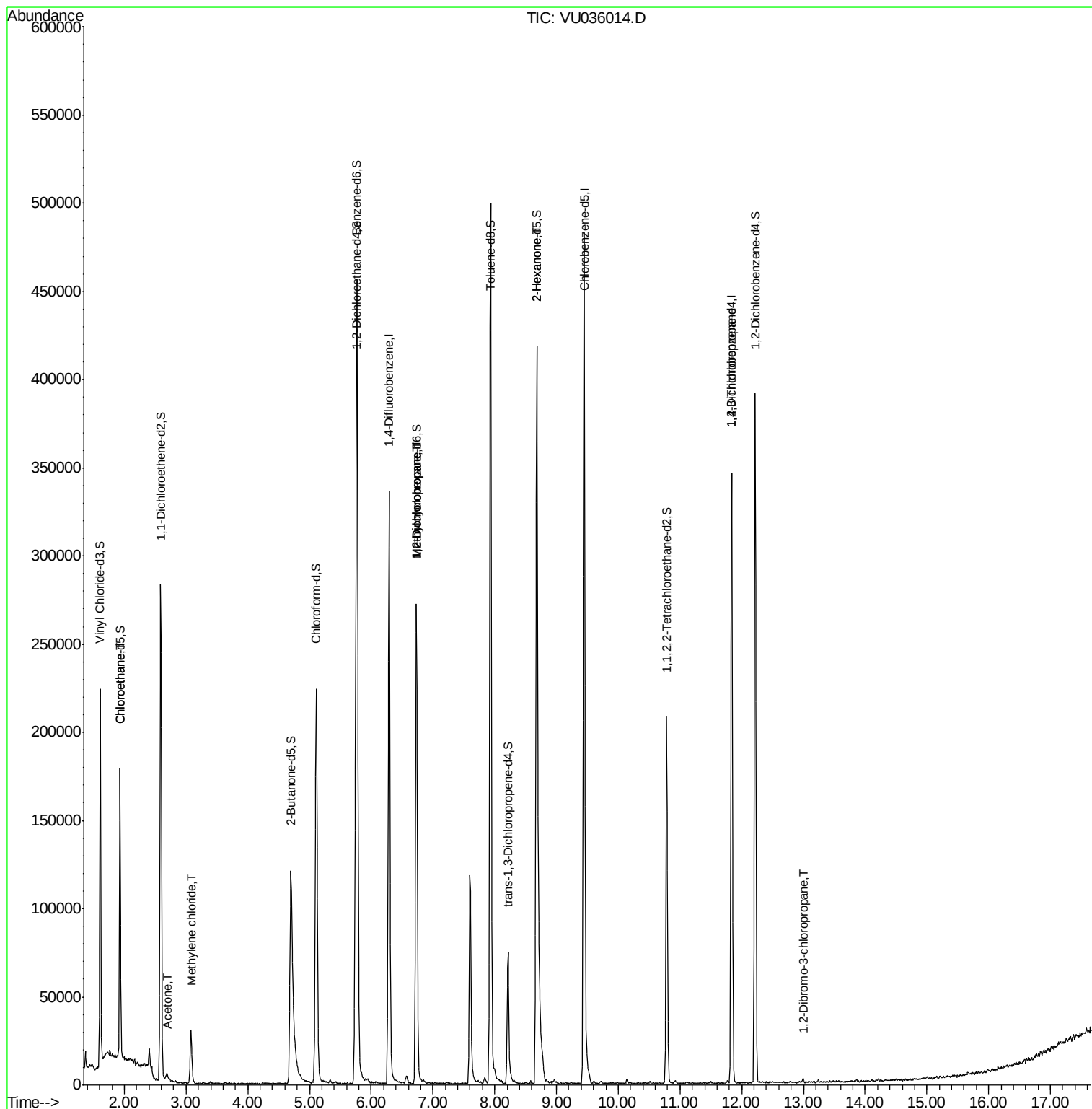
					Qvalue	
8) Chloroethane	1.92	64	4230	0.202	ug/L #	59
13) Acetone	2.69	43	6863	1.332	ug/L	79
16) Methylene chloride	3.08	84	15441	0.493	ug/L	97
35) Methylcyclohexane	6.73	83	31138	0.860	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	15206	0.588	ug/L #	88
48) 2-Hexanone	8.68	43	21918	1.952	ug/L #	67
59) 1,2,3-Trichloropropane	11.84	75	11675	0.695	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.99	75	451	0.174	ug/L #	8

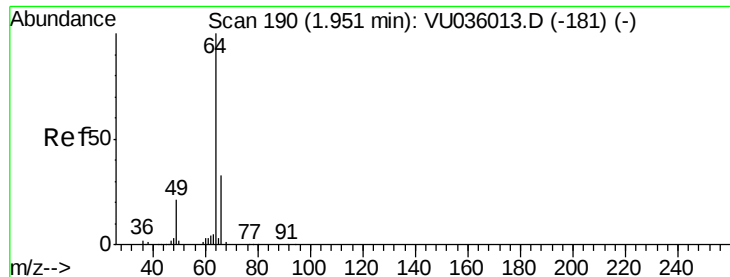
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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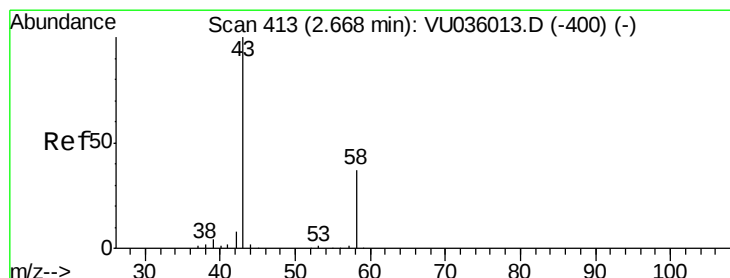
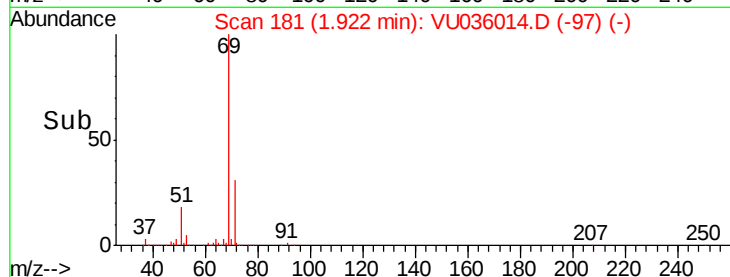
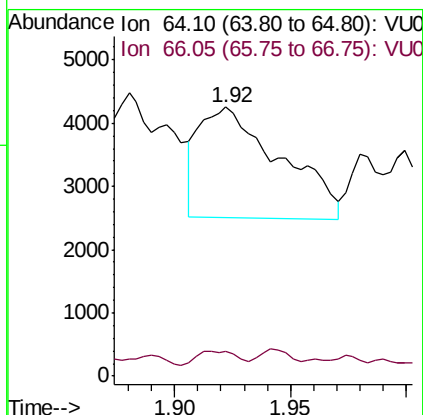
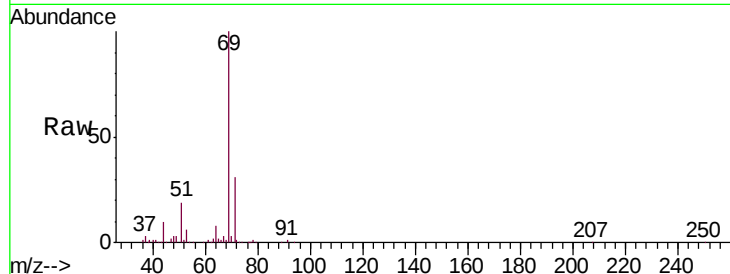




#8
Chloroethane
Concen: 0.202 ug/L
RT: 1.92 min Scan# 181
Delta R.T. -0.03 min
Lab File: VU036014.D
Acq: 06 Dec 2019 10:59

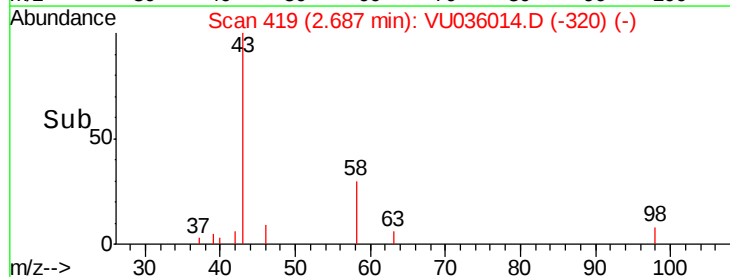
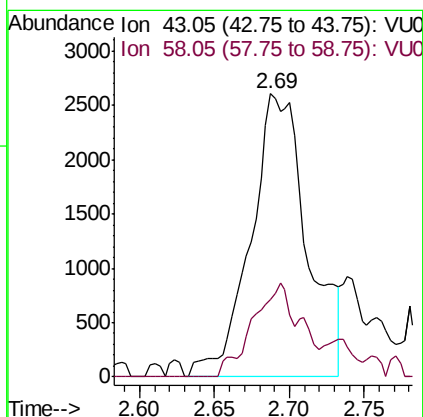
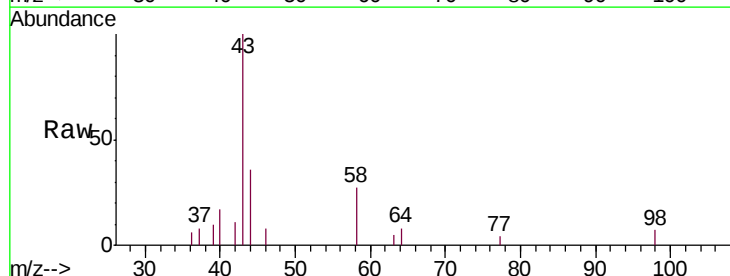
Instrument :
MSVOA_U
ClientSampleId :
VBLK22

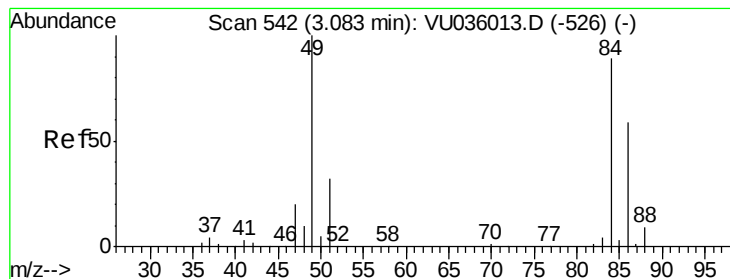
Tgt Ion: 64 Resp: 4230
Ion Ratio Lower Upper
64 100
66 9.0 22.0 40.8#



#13
Acetone
Concen: 1.332 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.02 min
Lab File: VU036014.D
Acq: 06 Dec 2019 10:59

Tgt Ion: 43 Resp: 6863
Ion Ratio Lower Upper
43 100
58 22.1 0.0 68.6





#16

Methylene chloride

Concen: 0.493 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036014.D

Acq: 06 Dec 2019 10:59

Instrument :

MSVOA_U

ClientSampleId :

VBLK22

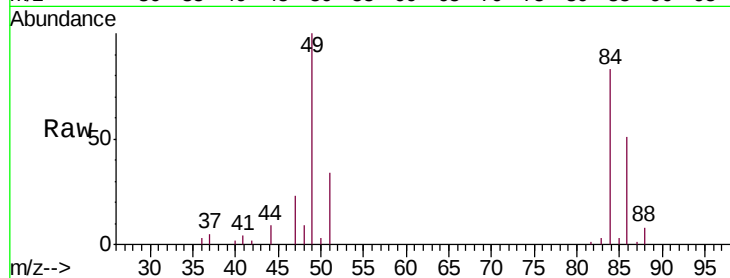
Tgt Ion: 84 Resp: 15441

Ion Ratio Lower Upper

84 100

86 61.1 44.7 82.9

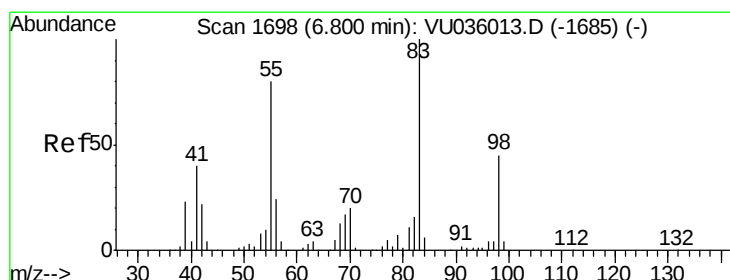
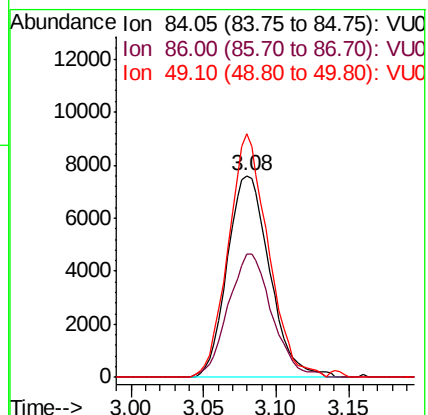
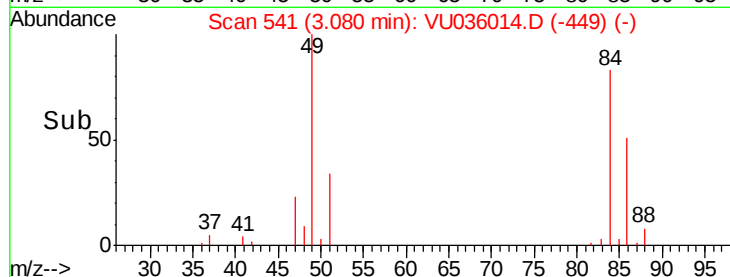
49 120.8 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU036013.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036013.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU036013.D (-526) (-)



#35

Methylcyclohexane

Concen: 0.860 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036014.D

Acq: 06 Dec 2019 10:59

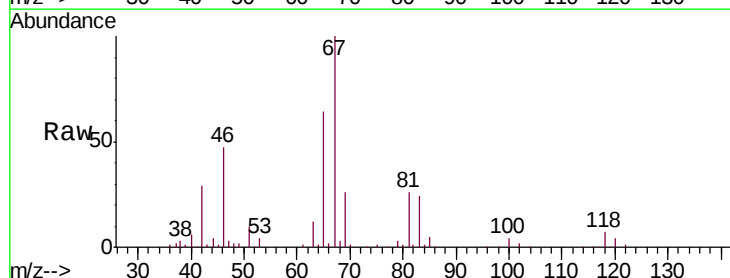
Tgt Ion: 83 Resp: 31138

Ion Ratio Lower Upper

83 100

55 0.0 67.4 101.0#

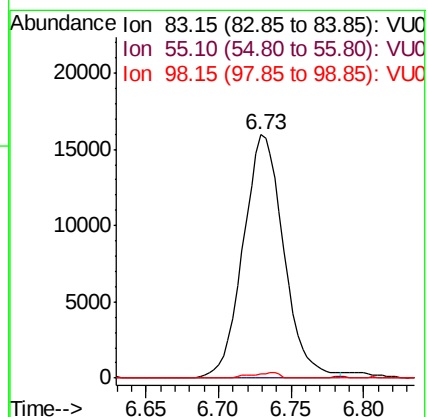
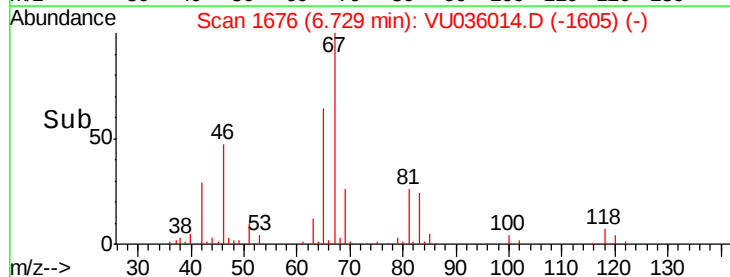
98 1.1 34.6 52.0#

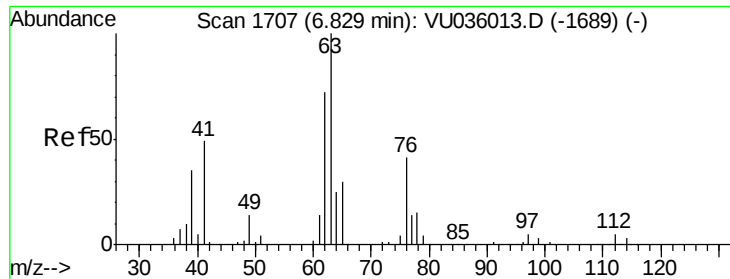


Abundance Ion 83.15 (82.85 to 83.85): VU036013.D (-1685) (-)

Ion 55.10 (54.80 to 55.80): VU036013.D (-1685) (-)

Ion 98.15 (97.85 to 98.85): VU036013.D (-1685) (-)

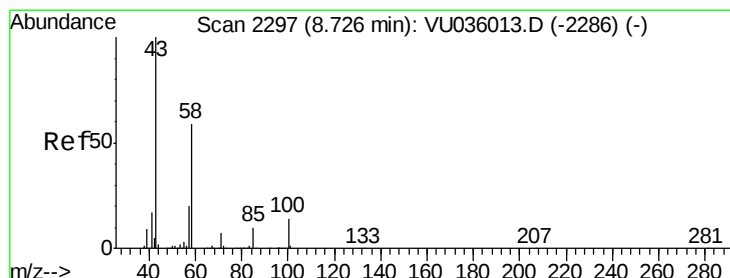
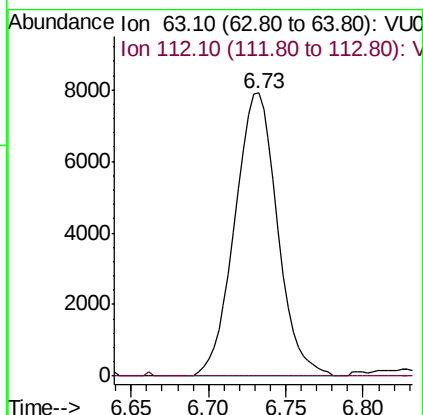
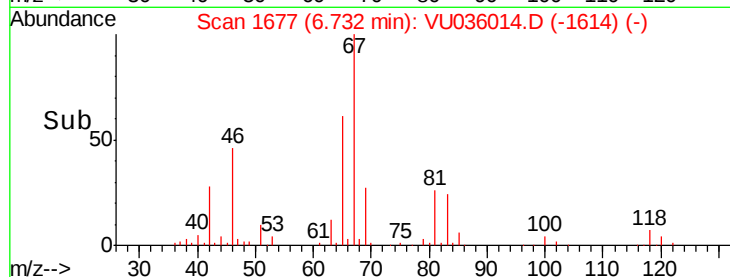
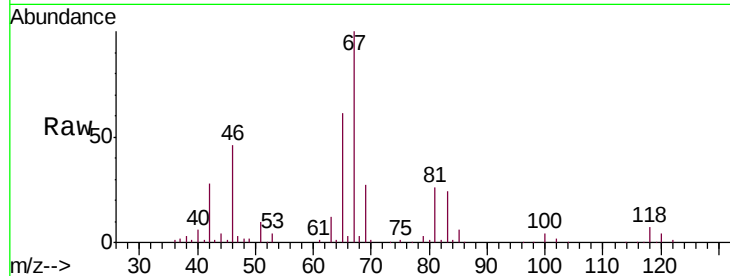




#37
 1,2-Dichloropropane
 Concen: 0.588 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036014.D
 Acq: 06 Dec 2019 10:59

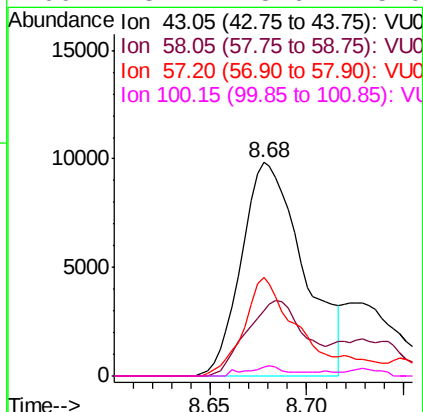
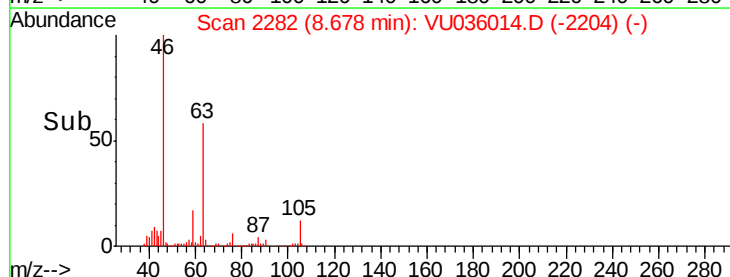
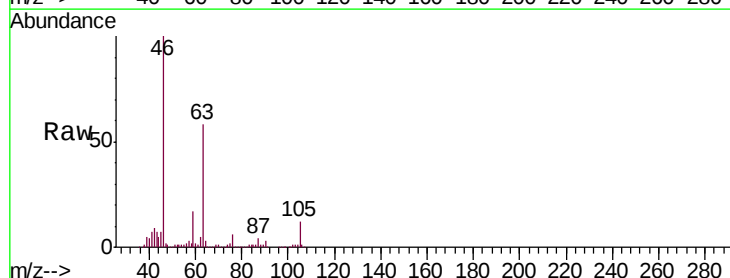
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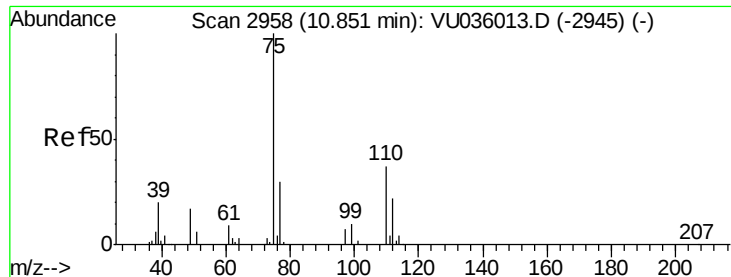
Tgt Ion: 63 Resp: 15206
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.3 4.9#



#48
 2-Hexanone
 Concen: 1.952 ug/L
 RT: 8.68 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: VU036014.D
 Acq: 06 Dec 2019 10:59

Tgt Ion: 43 Resp: 21918
 Ion Ratio Lower Upper
 43 100
 58 33.2 45.4 68.2#
 57 38.6 14.9 22.3#
 100 3.1 8.6 13.0#

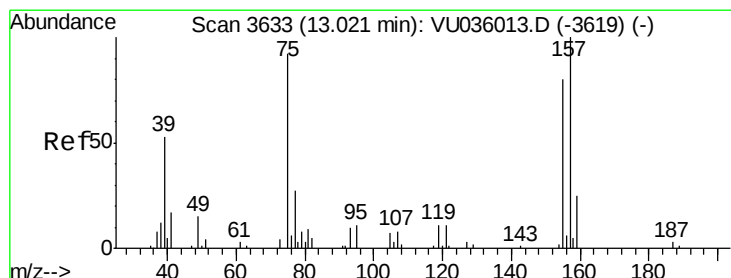
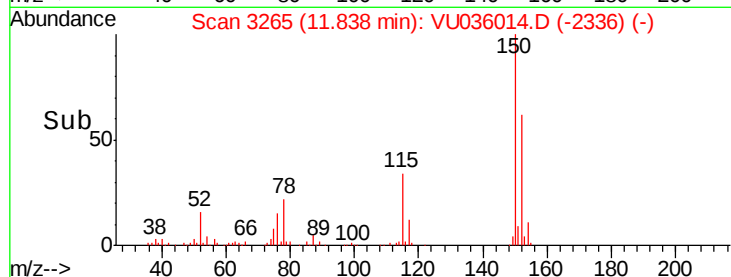
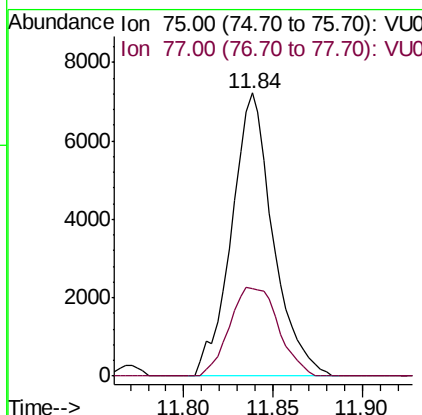
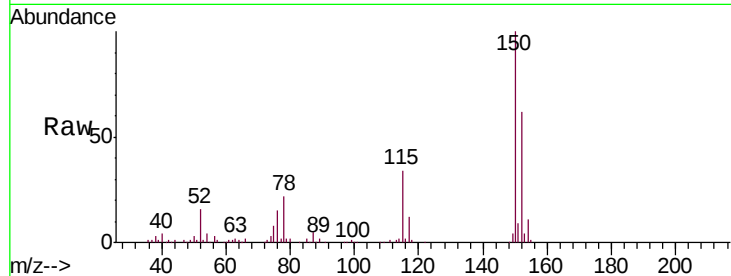




#59
 1,2,3-Trichloropropane
 Concen: 0.695 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036014.D
 Acq: 06 Dec 2019 10:59

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK22

Tgt Ion: 75 Resp: 11675
 Ion Ratio Lower Upper
 75 100
 77 36.8 26.6 39.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.174 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. -0.03 min
 Lab File: VU036014.D
 Acq: 06 Dec 2019 10:59

Tgt Ion: 75 Resp: 451
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.1 82.7#
 157 0.0 74.0 111.0#

