

Data File : VU035975.D
Acq On : 04 Dec 2019 16:36
Operator : JC/SP
Sample : K6105-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE28

Quant Time: Dec 05 03:59:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	286394	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	311168	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	73341	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	150790	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	126504	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	163716	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.69	46	254793	44.07	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	5.11	84	232108	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.75	65	119624	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.77	84	430124	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.73	67	140217	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.93	98	349707	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.21	79	47364	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.70	63	184705	38.97	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.94%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	113583	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	81923	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

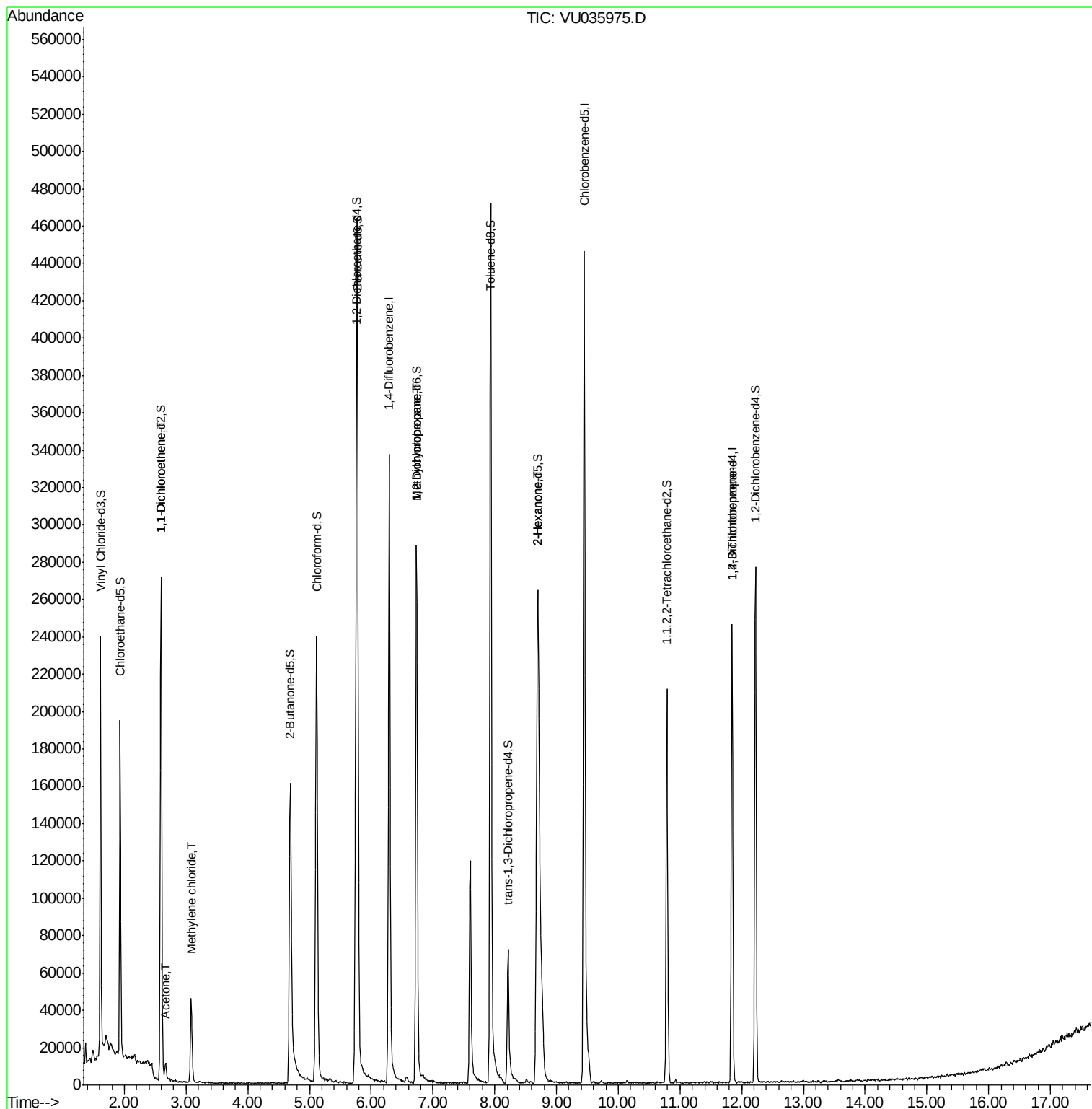
					Qvalue	
12) 1,1-Dichloroethene	2.60	96	1418	0.069	ug/L #	1
13) Acetone	2.67	43	9096	1.740	ug/L	97
16) Methylene chloride	3.08	84	21605	0.680	ug/L	94
35) Methylcyclohexane	6.73	83	33105	0.892	ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14415	0.544	ug/L #	88
48) 2-Hexanone	8.69	43	24232	2.107	ug/L #	60
59) 1,2,3-Trichloropropane	11.84	75	8606	0.500	ug/L #	85

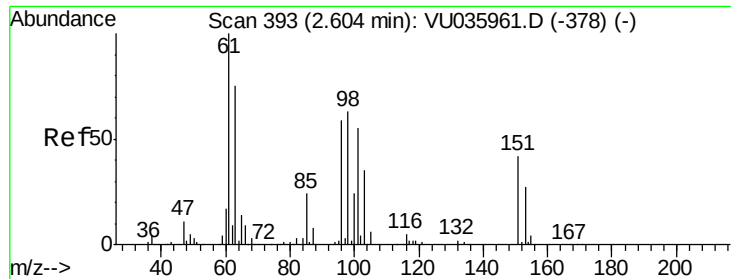
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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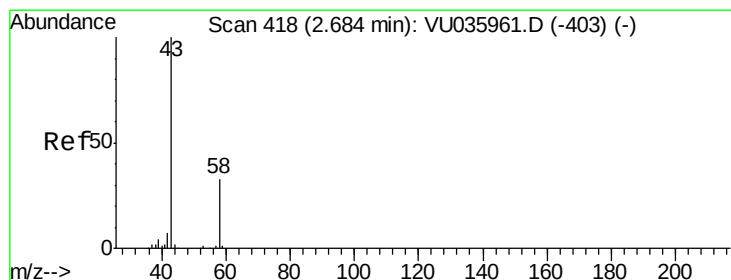
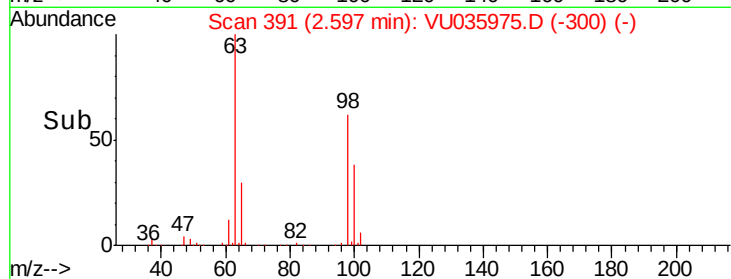
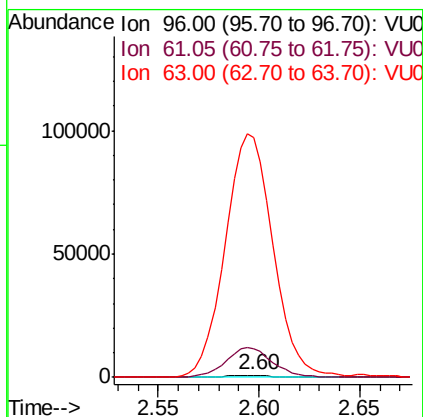
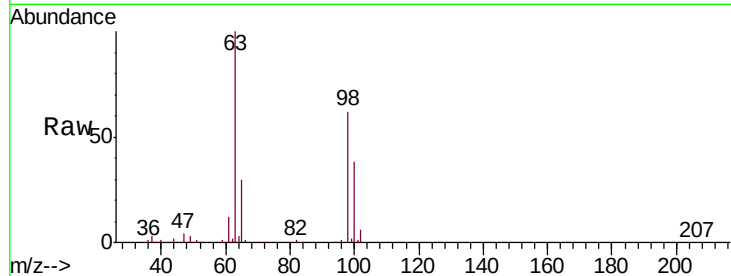




#12
 1,1-Dichloroethene
 Concen: 0.069 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU035975.D
 Acq: 04 Dec 2019 16:36

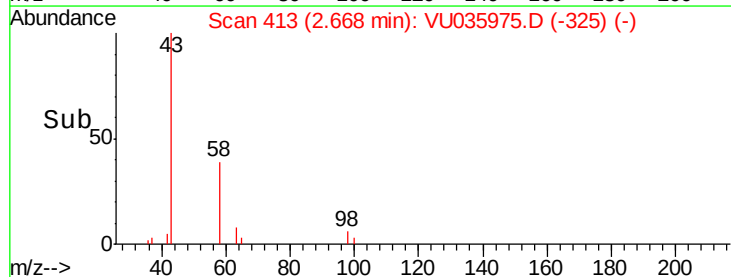
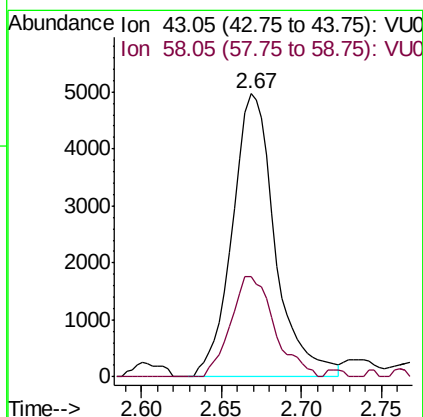
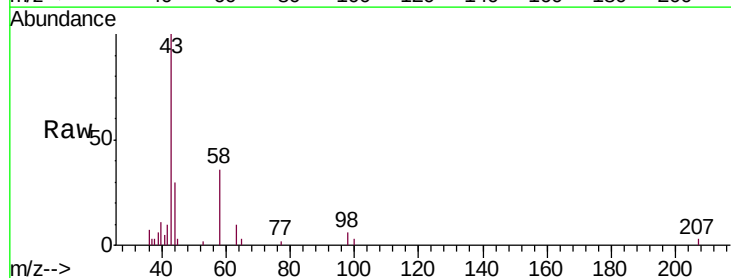
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE28

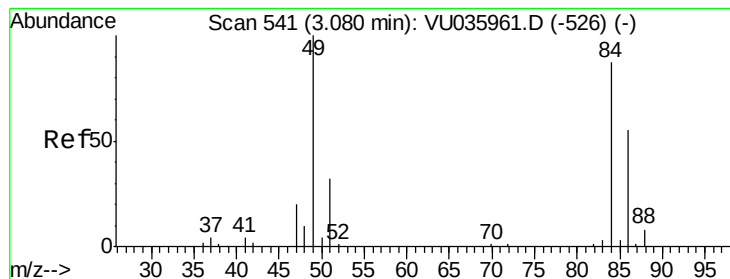
Tgt Ion: 96 Resp: 1418
 Ion Ratio Lower Upper
 96 100
 61 1543.0 127.1 236.1#
 63 12670.5 86.0 159.8#



#13
 Acetone
 Concen: 1.740 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: VU035975.D
 Acq: 04 Dec 2019 16:36

Tgt Ion: 43 Resp: 9096
 Ion Ratio Lower Upper
 43 100
 58 35.9 0.0 68.6





#16

Methylene chloride

Concen: 0.680 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035975.D

Acq: 04 Dec 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

BFE28

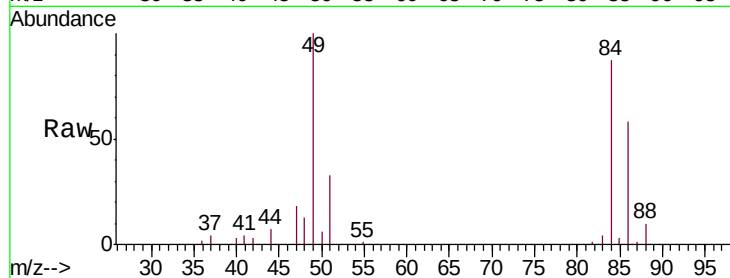
Tgt Ion: 84 Resp: 21605

Ion Ratio Lower Upper

84 100

86 66.9 44.7 82.9

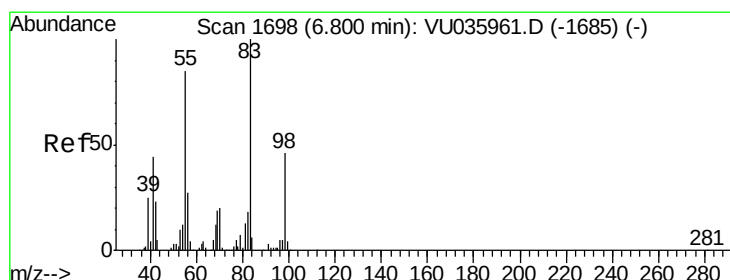
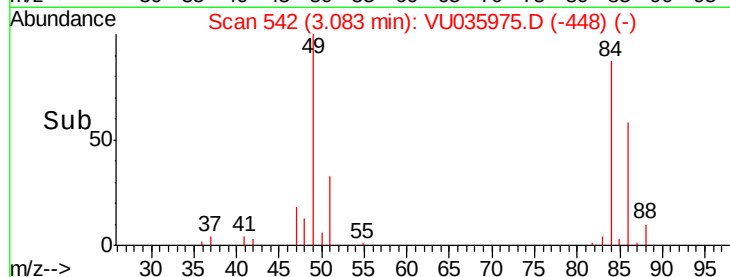
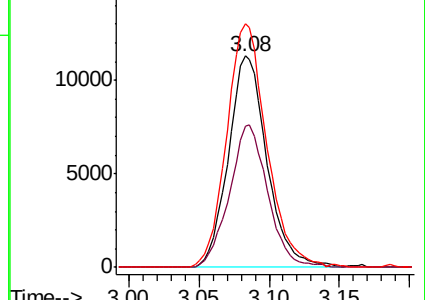
49 115.2 86.2 160.2



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU035975.D

Acq: 04 Dec 2019 16:36

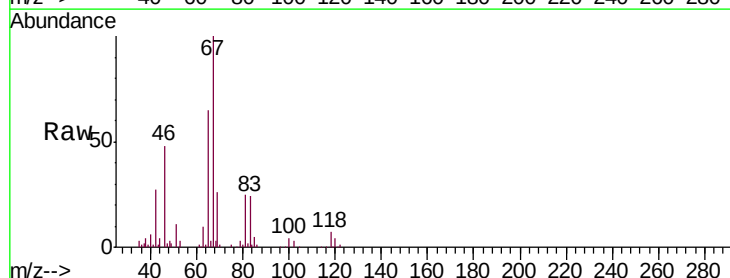
Tgt Ion: 83 Resp: 33105

Ion Ratio Lower Upper

83 100

55 0.0 67.4 101.0#

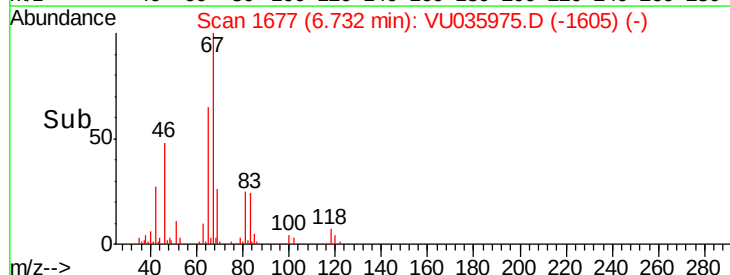
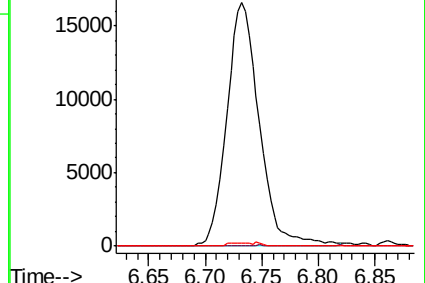
98 0.8 34.6 52.0#

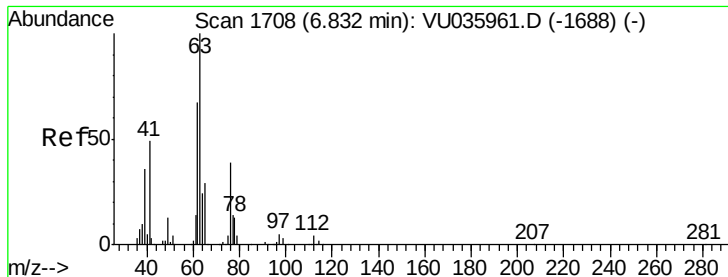


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

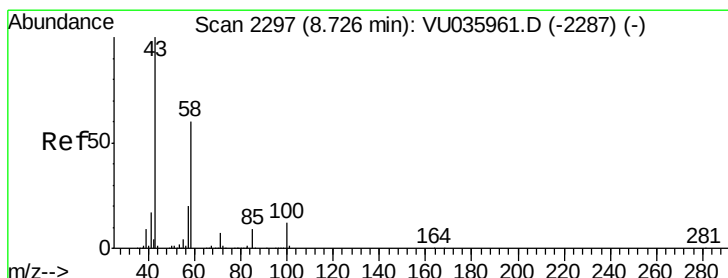
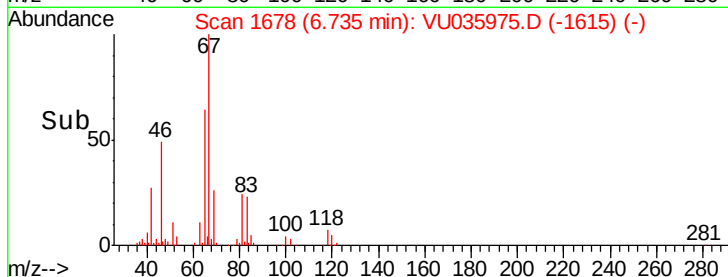
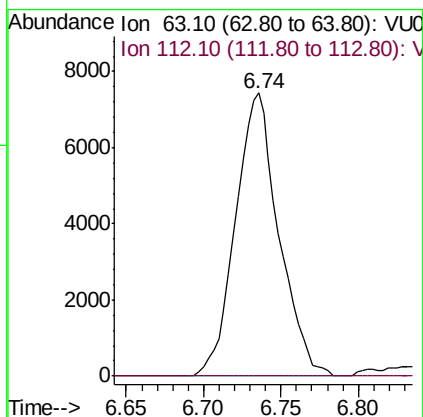
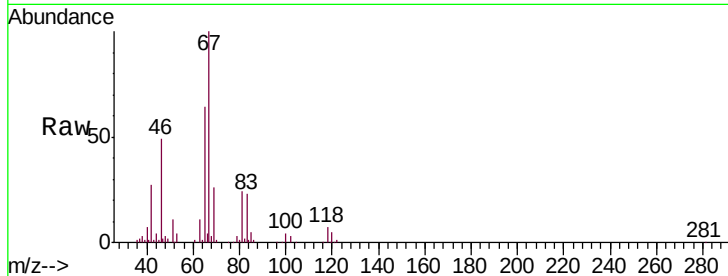




#37
 1,2-Dichloropropane
 Concen: 0.544 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035975.D
 Acq: 04 Dec 2019 16:36

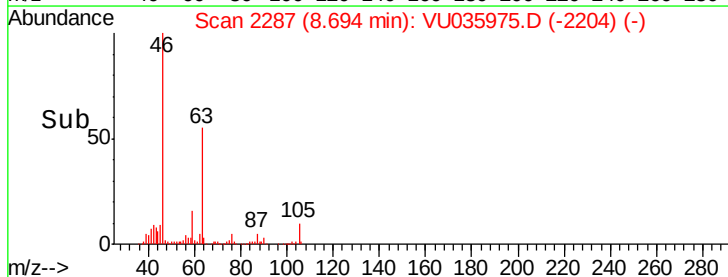
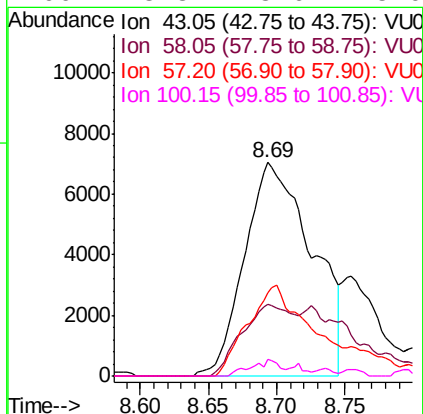
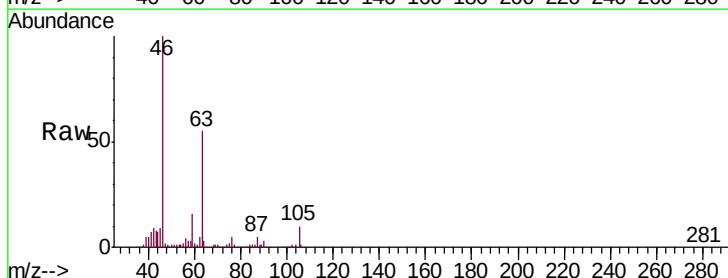
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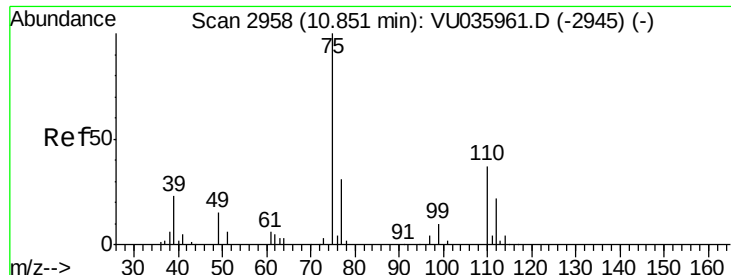
Tgt Ion: 63 Resp: 14415
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#48
 2-Hexanone
 Concen: 2.107 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. -0.03 min
 Lab File: VU035975.D
 Acq: 04 Dec 2019 16:36

Tgt Ion: 43 Resp: 24232
 Ion Ratio Lower Upper
 43 100
 58 25.8 45.4 68.2#
 57 39.2 14.9 22.3#
 100 3.3 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.500 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035975.D

Acq: 04 Dec 2019 16:36

Instrument :

MSVOA_U

ClientSampleId :

BFE28

Tgt Ion: 75 Resp: 8606

Ion Ratio Lower Upper

75 100

77 41.6 26.6 39.8#

