

Data File : VU035801.D
Acq On : 21 Nov 2019 14:21
Operator : JC/SP
Sample : K5930-03 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
B0AA3

Quant Time: Nov 22 01:36:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	250292	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	288103	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	91365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	155559	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.93	69	139181	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	223902	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.70	46	363578	48.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	5.11	84	260182	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	154097	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.77	84	528205	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	182773	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	442383	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.22	79	62202	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.70	63	224883	38.82	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	137628	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.23	152	109490	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

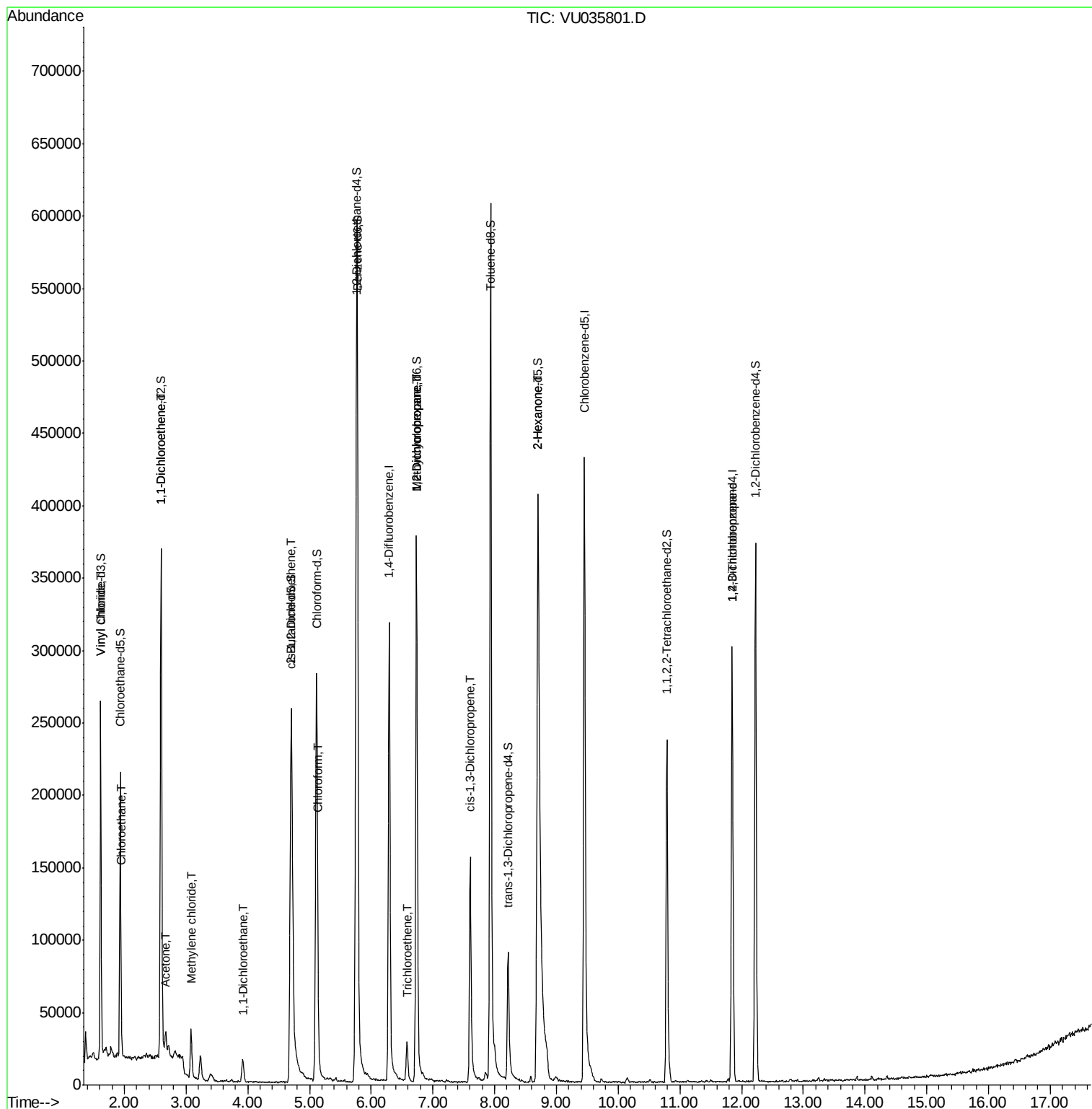
					Qvalue
5) Vinyl chloride	1.62	62	13171	0.315 ug/L #	32
8) Chloroethane	1.95	64	3703	0.153 ug/L	99
12) 1,1-Dichloroethene	2.60	96	3706	0.142 ug/L #	1
13) Acetone	2.67	43	20206	3.041 ug/L	96
16) Methylene chloride	3.08	84	15369	0.488 ug/L	90
19) 1,1-Dichloroethane	3.92	63	18005	0.313 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	40295	1.410 ug/L	100
25) Chloroform	5.14	83	13674	0.244 ug/L	95
34) Trichloroethene	6.58	95	8428	0.286 ug/L	96
35) Methylcyclohexane	6.74	83	40375	0.933 ug/L #	13
37) 1,2-Dichloropropane	6.74	63	19875	0.583 ug/L #	91
39) cis-1,3-Dichloropropene	7.60	75	4752	0.108 ug/L	86
48) 2-Hexanone	8.70	43	24464	1.587 ug/L #	36
59) 1,2,3-Trichloropropane	11.84	75	12796	0.577 ug/L	91

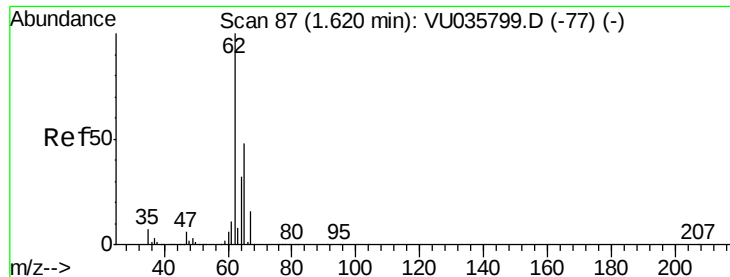
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:33:44 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.315 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

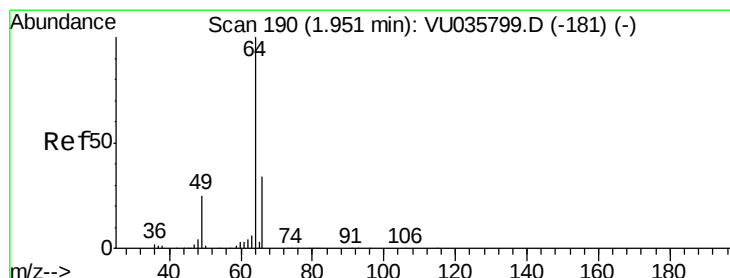
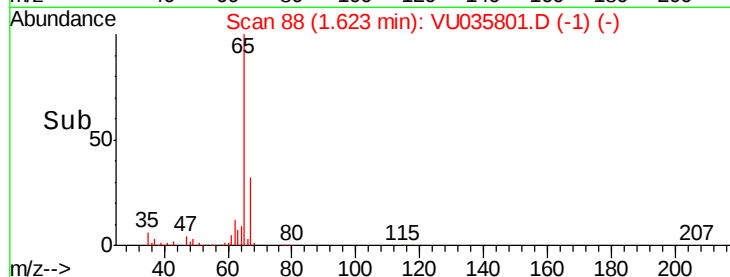
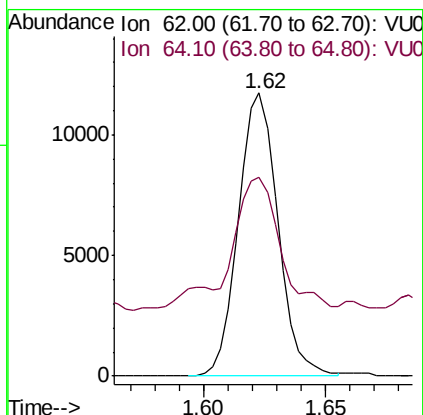
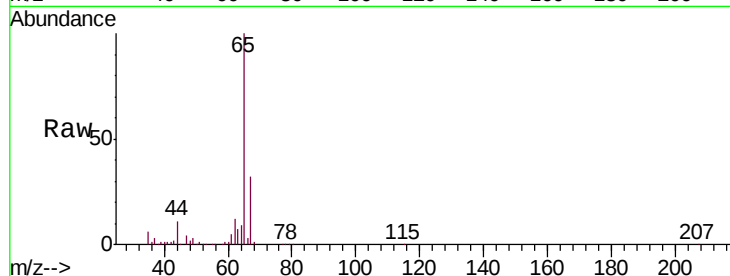
B0AA3

Tgt Ion: 62 Resp: 13171

Ion Ratio Lower Upper

62 100

64 70.1 22.5 41.9#



#8

Chloroethane

Concen: 0.153 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU035801.D

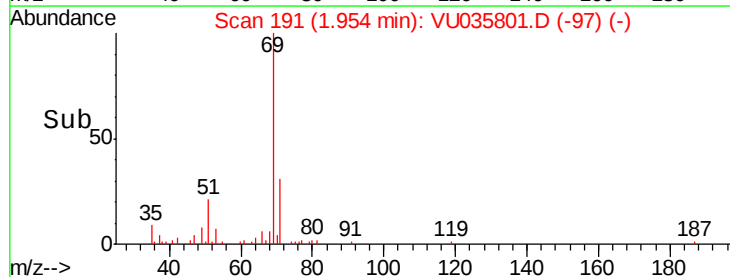
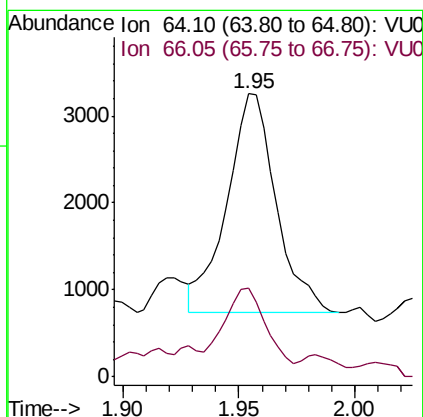
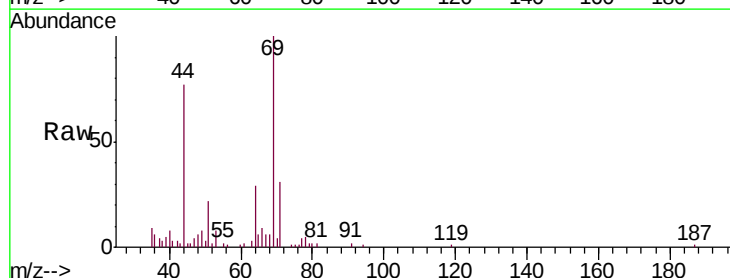
Acq: 21 Nov 2019 14:21

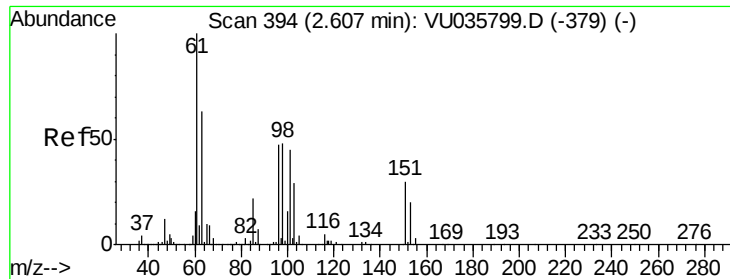
Tgt Ion: 64 Resp: 3703

Ion Ratio Lower Upper

64 100

66 31.2 22.3 41.5





#12

1,1-Dichloroethene

Concen: 0.142 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

B0AA3

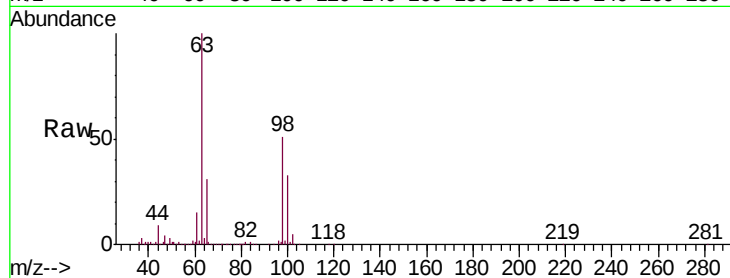
Tgt Ion: 96 Resp: 3706

Ion Ratio Lower Upper

96 100

61 795.8 139.3 258.7#

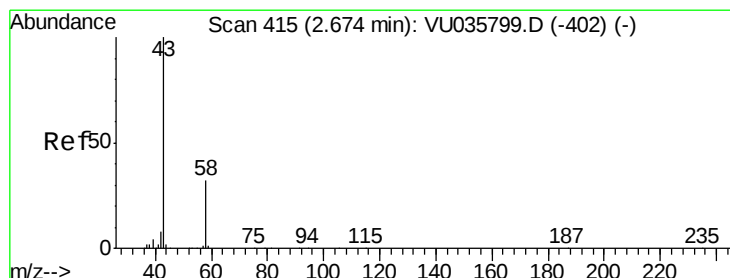
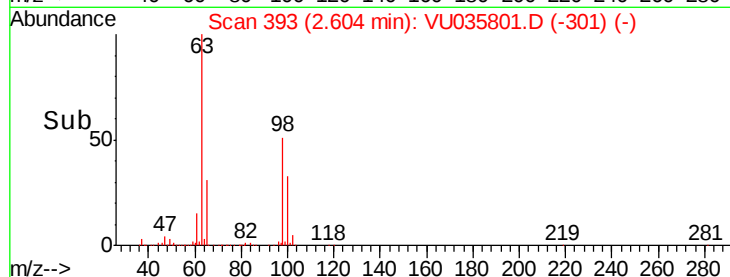
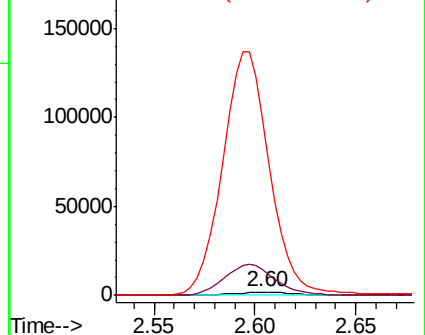
63 5439.3 93.7 174.1#



Abundance Ion 96.00 (95.70 to 96.70): VU035801.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU035801.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU035801.D (-301) (-)



#13

Acetone

Concen: 3.041 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035801.D

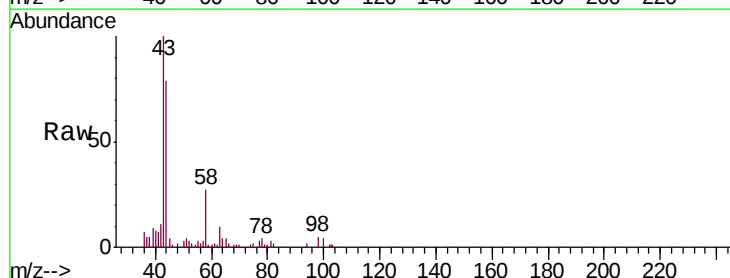
Acq: 21 Nov 2019 14:21

Tgt Ion: 43 Resp: 20206

Ion Ratio Lower Upper

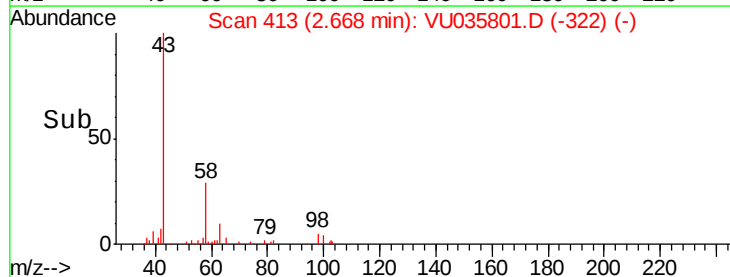
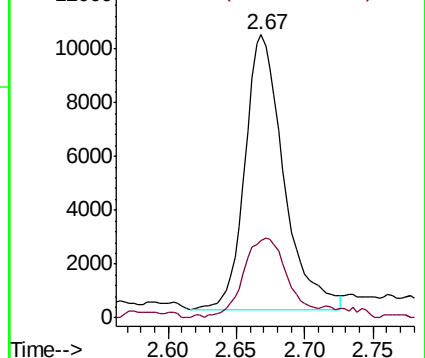
43 100

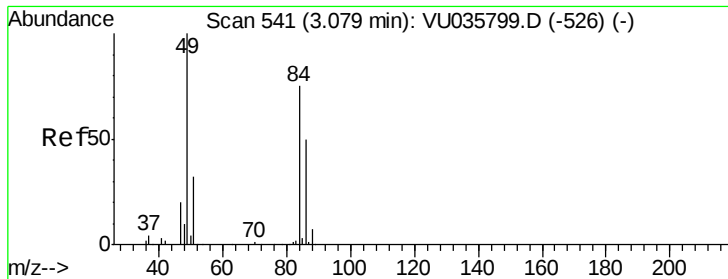
58 33.0 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035801.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU035801.D (-322) (-)

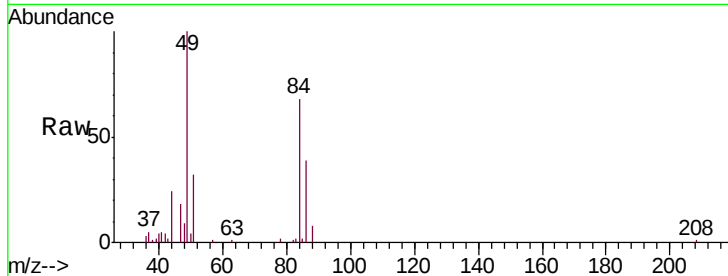




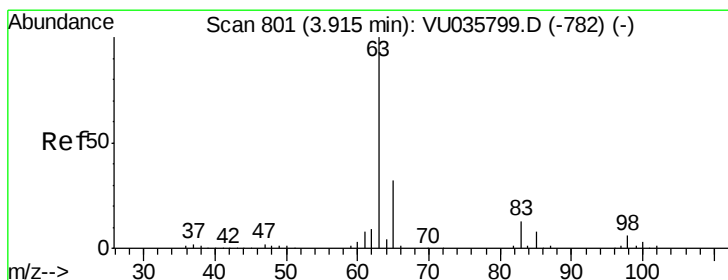
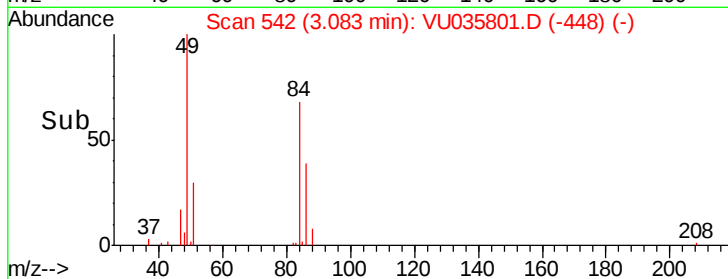
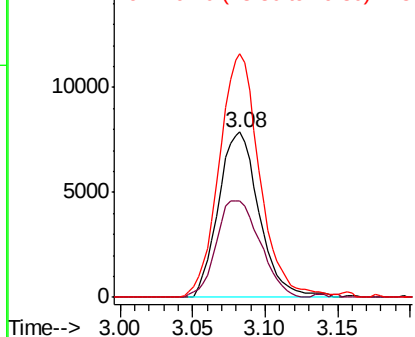
#16
Methylene chloride
Concen: 0.488 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035801.D
Acq: 21 Nov 2019 14:21

Instrument :
MSVOA_U
ClientSampleId :
B0AA3

Tgt Ion: 84 Resp: 15369
Ion Ratio Lower Upper
84 100
86 58.1 44.4 82.5
49 147.3 94.0 174.6

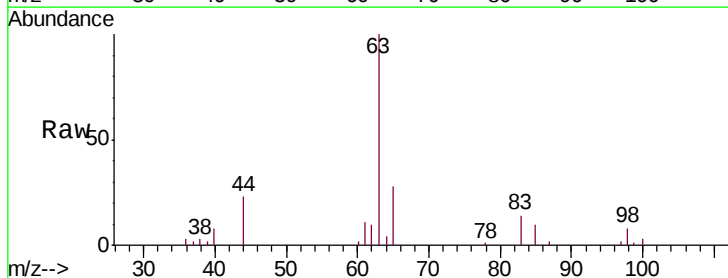


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

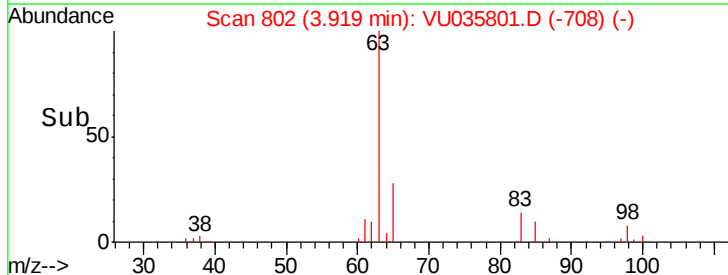
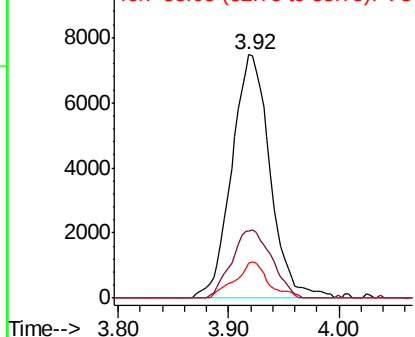


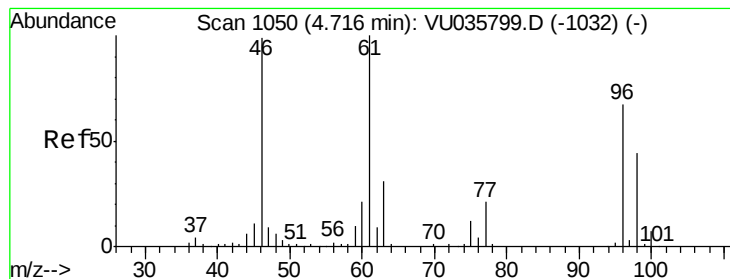
#19
1,1-Dichloroethane
Concen: 0.313 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035801.D
Acq: 21 Nov 2019 14:21

Tgt Ion: 63 Resp: 18005
Ion Ratio Lower Upper
63 100
65 27.5 21.8 40.4
83 14.1 8.6 16.0



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.410 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

B0AA3

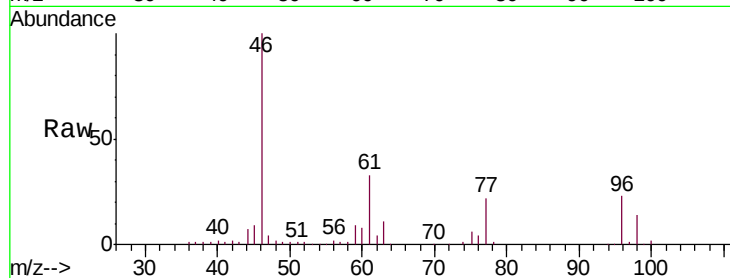
Tgt Ion: 96 Resp: 40295

Ion Ratio Lower Upper

96 100

61 140.6 98.1 182.1

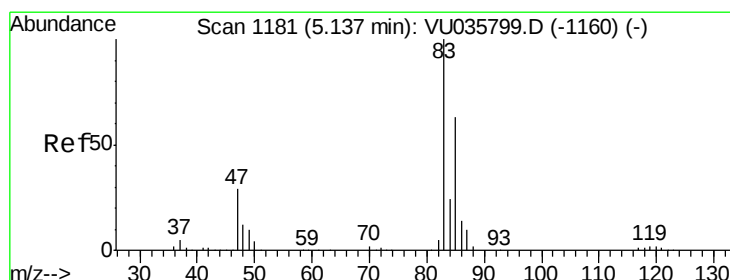
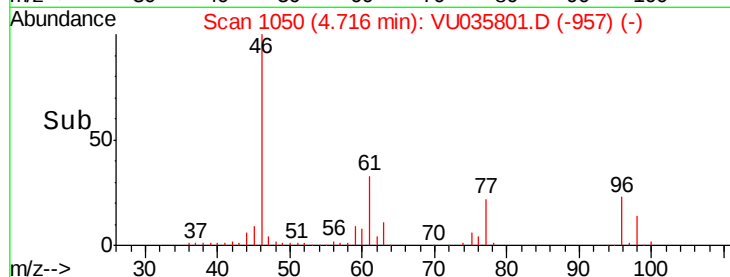
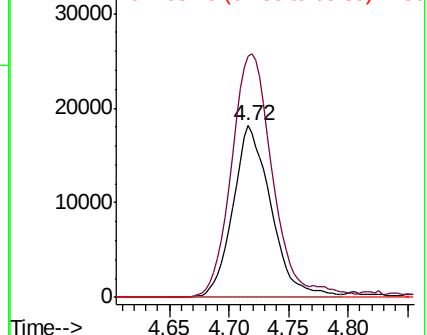
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035801.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035801.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035801.D (-957) (-)



#25

Chloroform

Concen: 0.244 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035801.D

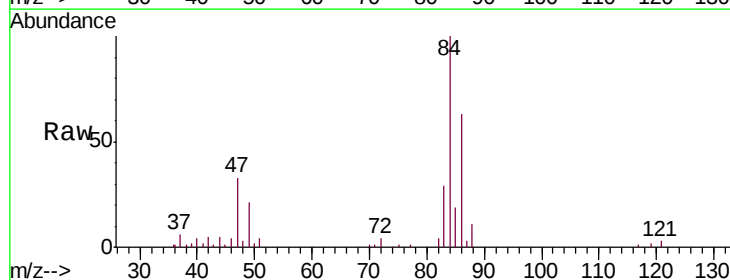
Acq: 21 Nov 2019 14:21

Tgt Ion: 83 Resp: 13674

Ion Ratio Lower Upper

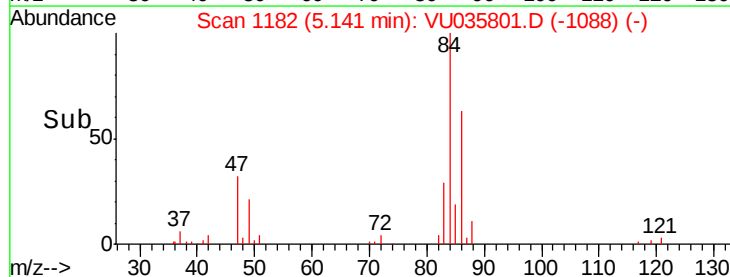
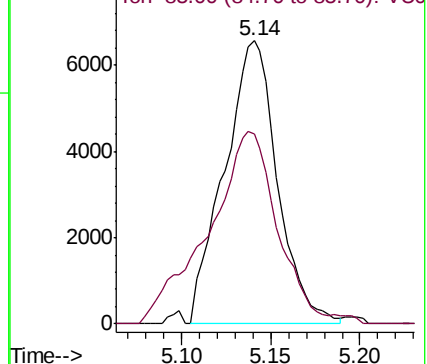
83 100

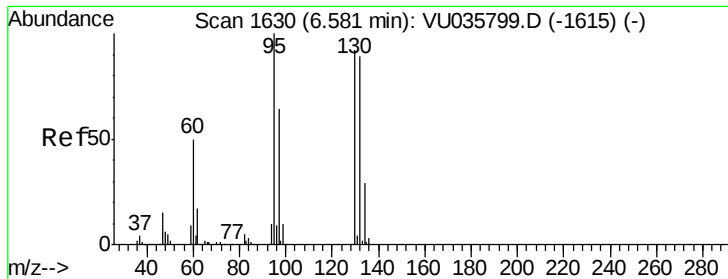
85 67.3 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035801.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035801.D (-1088) (-)





#34

Trichloroethene

Concen: 0.286 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

Instrument :

MSVOA_U

ClientSampleId :

B0AA3

Tgt Ion: 95 Resp: 8428

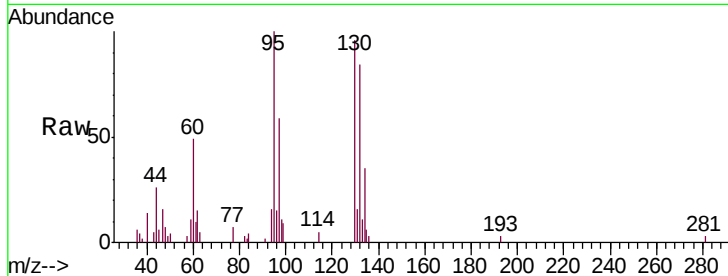
Ion Ratio Lower Upper

95 100

97 59.0 45.1 83.9

132 83.5 61.9 114.9

130 96.2 66.3 123.1



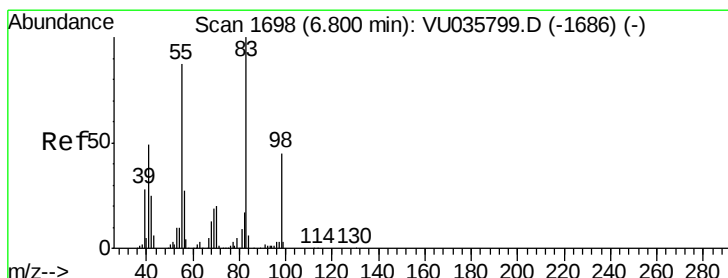
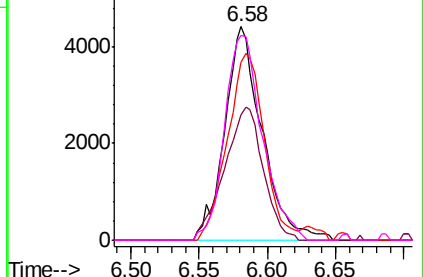
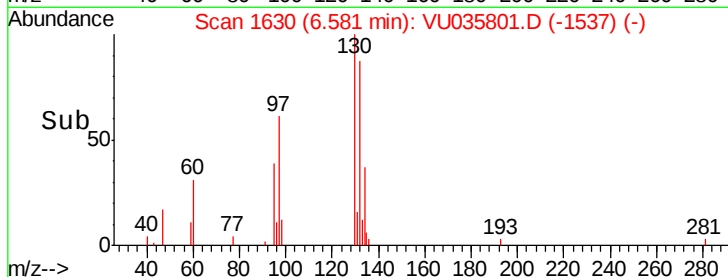
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



#35

Methylcyclohexane

Concen: 0.933 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035801.D

Acq: 21 Nov 2019 14:21

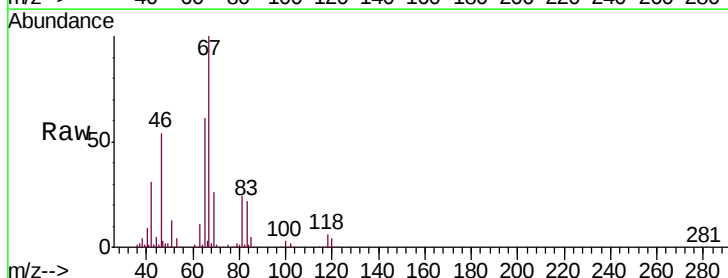
Tgt Ion: 83 Resp: 40375

Ion Ratio Lower Upper

83 100

55 0.3 72.7 109.1#

98 0.2 36.2 54.4#

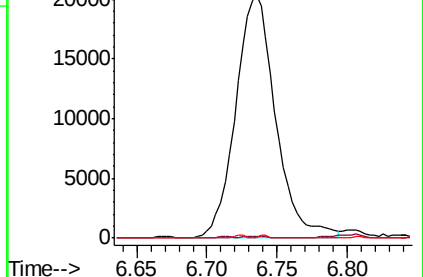
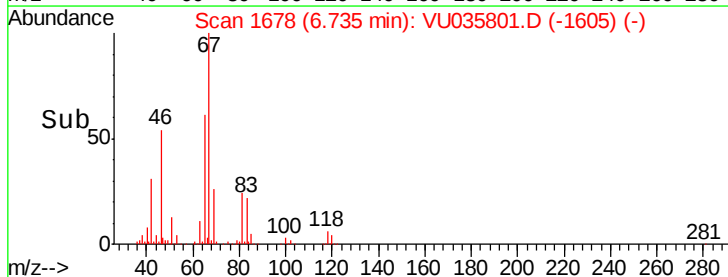


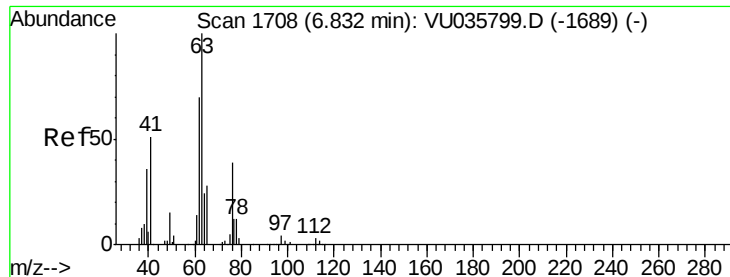
Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

Time-->

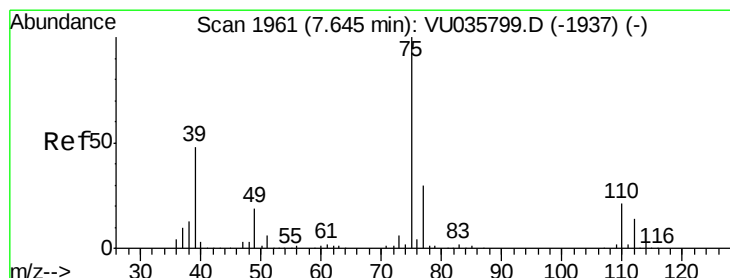
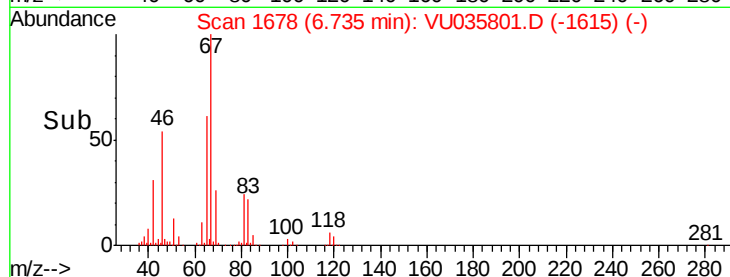
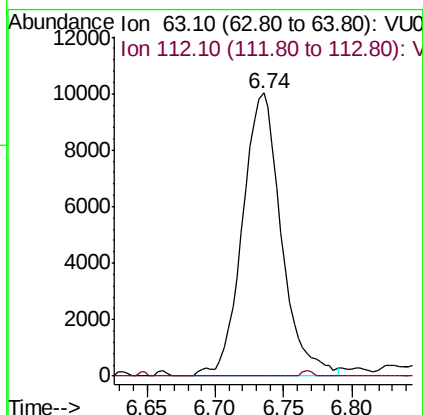
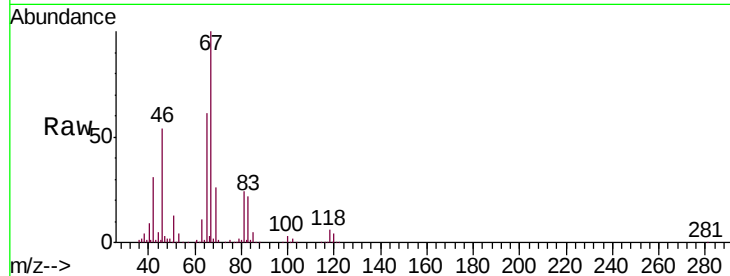




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035801.D
 Acq: 21 Nov 2019 14:21

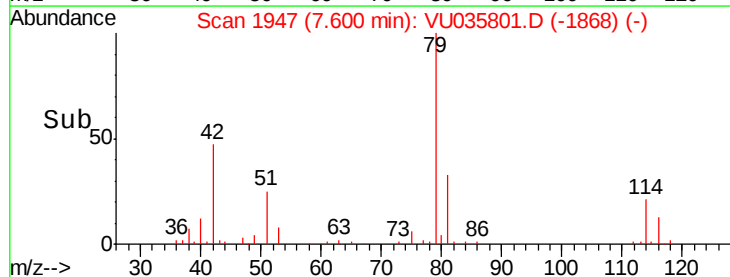
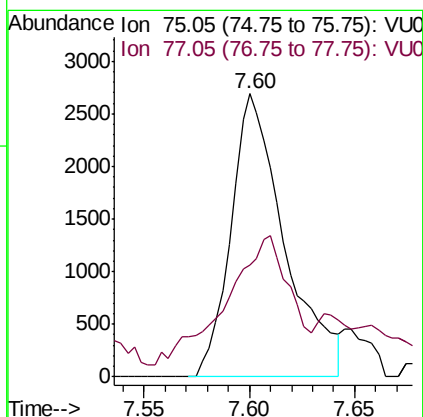
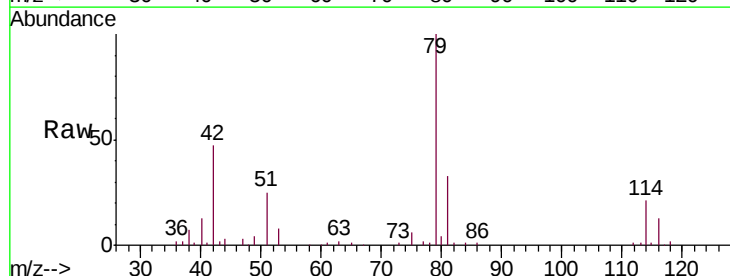
Instrument :
 MSVOA_U
 ClientSampleID :
 B0AA3

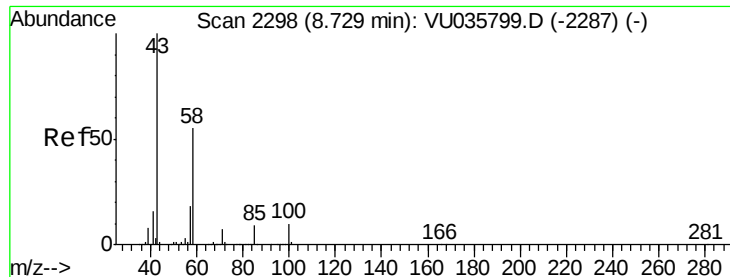
Tgt Ion: 63 Resp: 19875
 Ion Ratio Lower Upper
 63 100
 112 0.5 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU035801.D
 Acq: 21 Nov 2019 14:21

Tgt Ion: 75 Resp: 4752
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.1 41.1

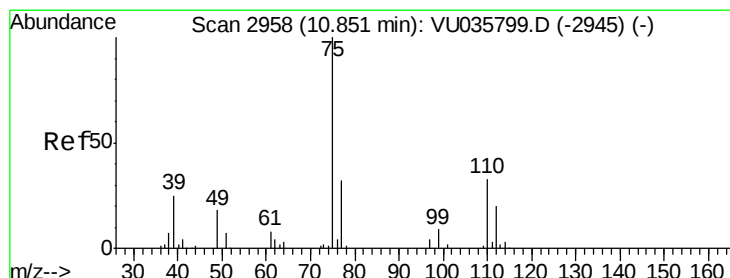
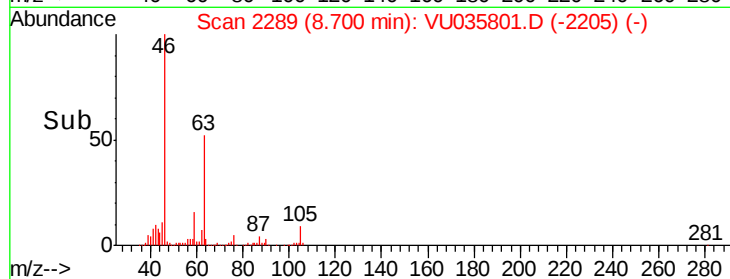
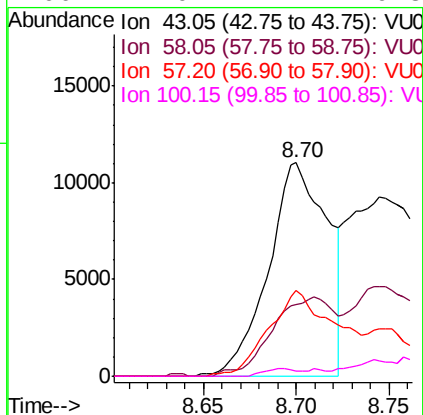
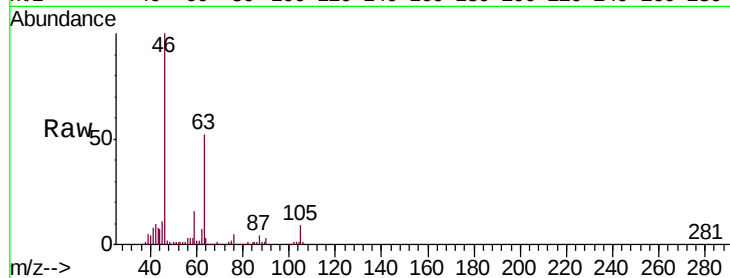




#48
 2-Hexanone
 Concen: 1.587 ug/L
 RT: 8.70 min Scan# 2289
 Delta R.T. -0.03 min
 Lab File: VU035801.D
 Acq: 21 Nov 2019 14:21

Instrument :
 MSVOA_U
 ClientSampled :
 B0AA3

Tgt Ion: 43 Resp: 24464
 Ion Ratio Lower Upper
 43 100
 58 0.0 39.8 59.8#
 57 45.7 14.0 21.0#
 100 2.0 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.577 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035801.D
 Acq: 21 Nov 2019 14:21

Tgt Ion: 75 Resp: 12796
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.4 38.2

