

Data File : VU035874.D
Acq On : 26 Nov 2019 22:09
Operator : JC/SP
Sample : K6057-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA6

Quant Time: Nov 27 03:21:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	212247	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	65906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	142419	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.93	69	133599	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.60	63	174589	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.69	46	294263	45.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	5.11	84	228551	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.75	65	130976	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.77	84	452122	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.73	67	157153	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	353862	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.22	79	49455	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.69	63	229695	46.01	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121350	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	79345	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

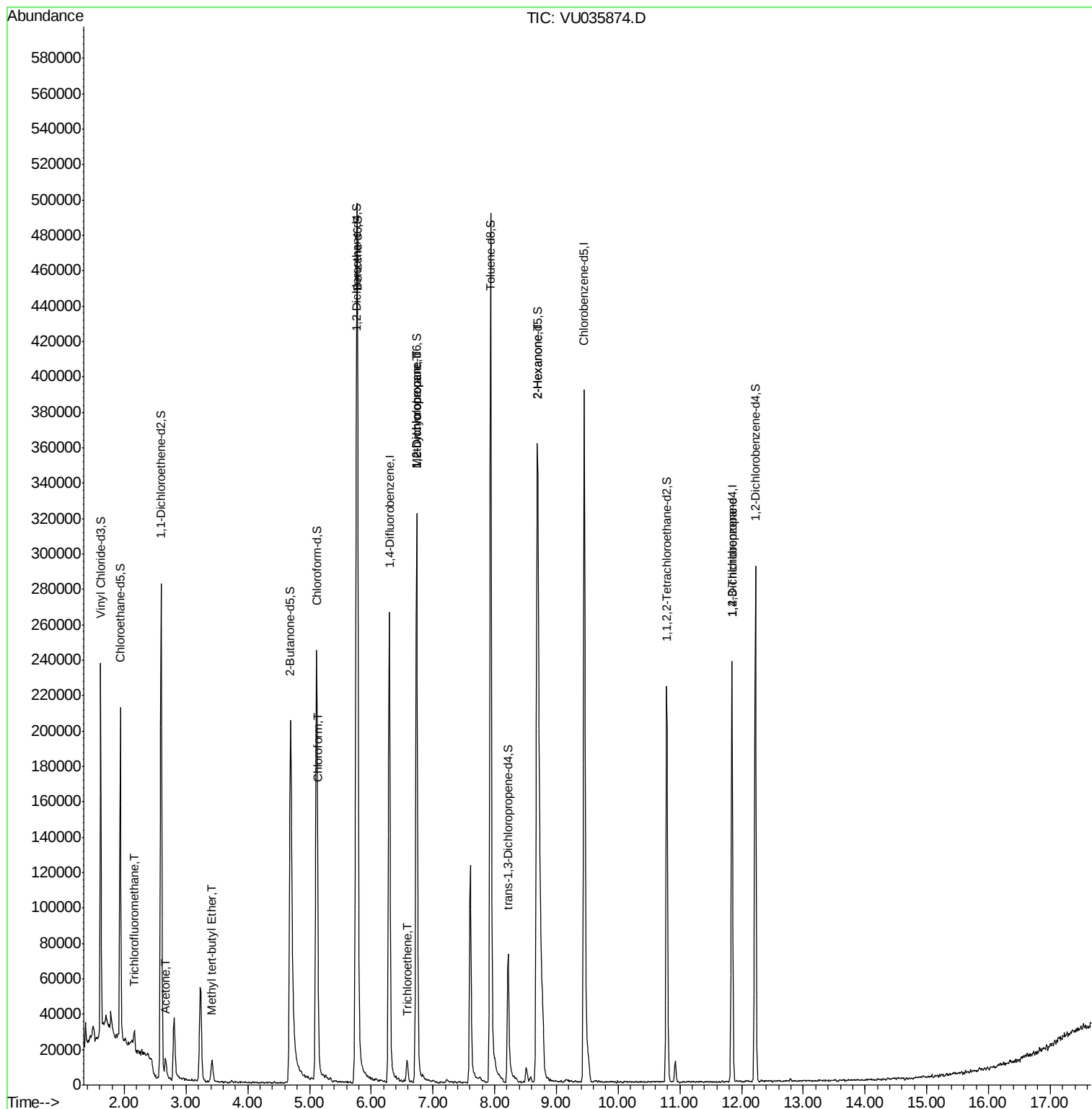
						Qvalue
9) Trichlorofluoromethane	2.16	101	4590	0.112	ug/L	95
13) Acetone	2.67	43	11756	2.086	ug/L	91
17) Methyl tert-butyl Ether	3.42	73	11418	0.214	ug/L #	80
25) Chloroform	5.14	83	12466	0.262	ug/L	99
34) Trichloroethene	6.58	95	3952	0.156	ug/L	82
35) Methylcyclohexane	6.74	83	34859	0.935	ug/L #	14
37) 1,2-Dichloropropane	6.74	63	16532	0.562	ug/L #	91
48) 2-Hexanone	8.69	43	39312	2.959	ug/L #	72
59) 1,2,3-Trichloropropane	11.84	75	8677	0.454	ug/L #	87

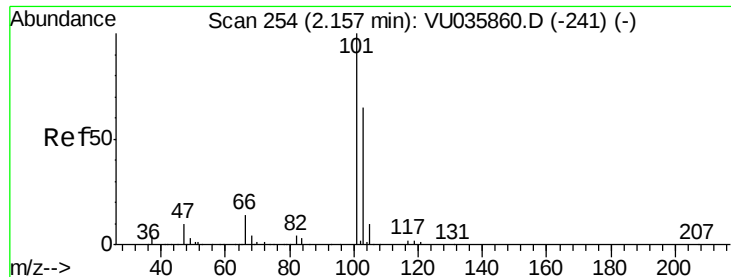
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.112 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU035874.D

Acq: 26 Nov 2019 22:09

Instrument :

MSVOA_U

ClientSampleId :

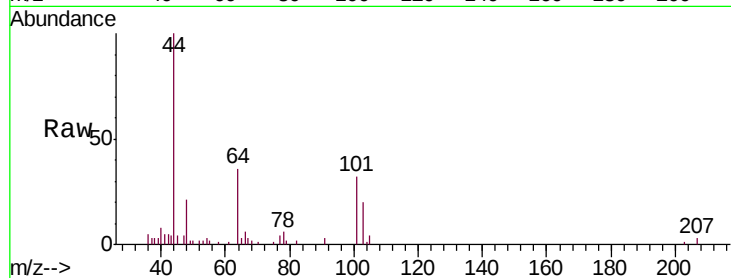
C0AA6

Tgt Ion:101 Resp: 4590

Ion Ratio Lower Upper

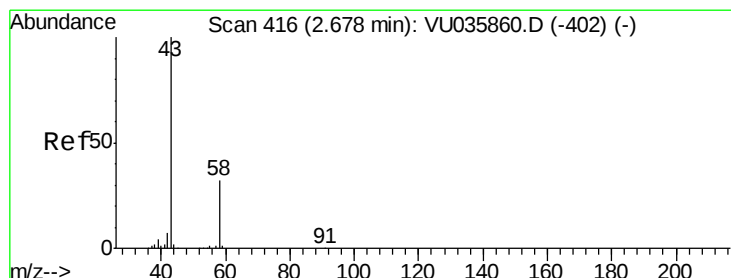
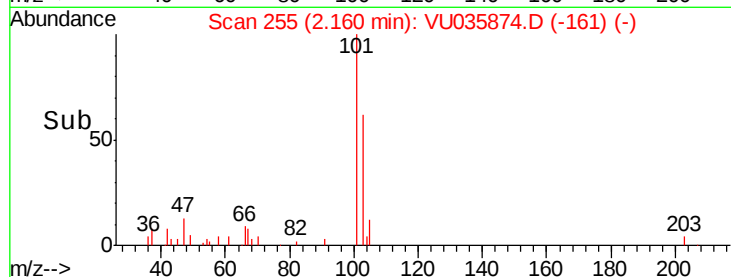
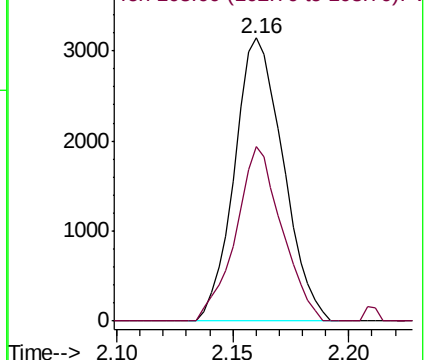
101 100

103 58.3 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.086 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035874.D

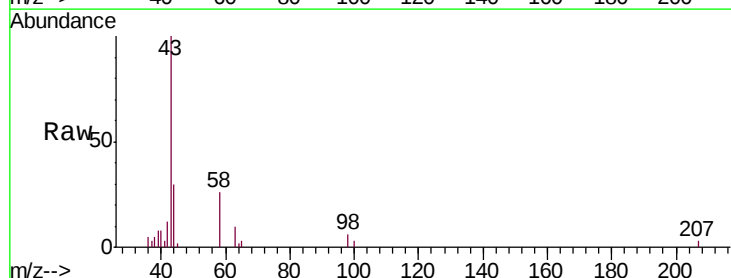
Acq: 26 Nov 2019 22:09

Tgt Ion: 43 Resp: 11756

Ion Ratio Lower Upper

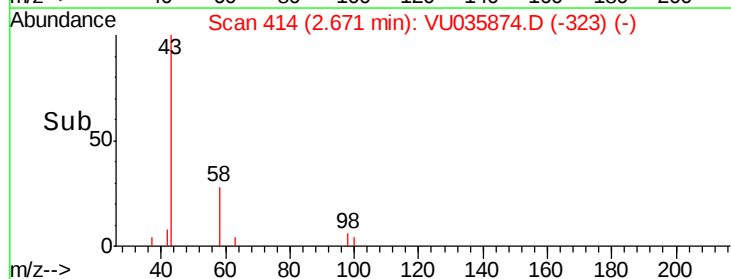
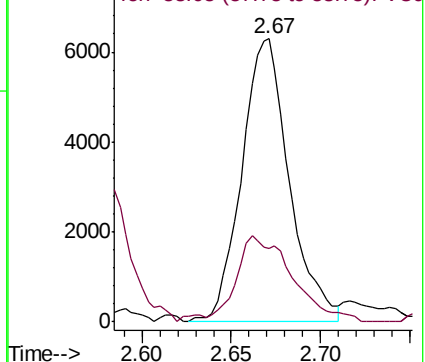
43 100

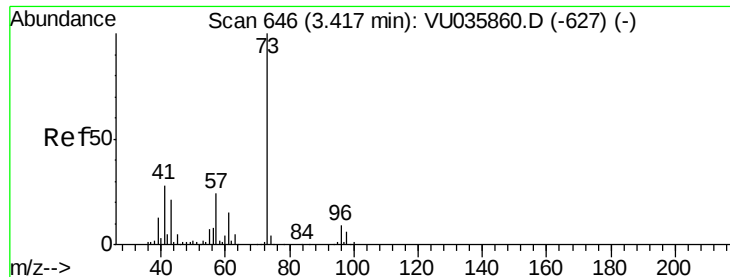
58 35.6 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#17

Methyl tert-butyl Ether

Concen: 0.214 ug/L

RT: 3.42 min Scan# 646

Delta R.T. -0.00 min

Lab File: VU035874.D

Acq: 26 Nov 2019 22:09

Instrument :

MSVOA_U

ClientSampleId :

C0AA6

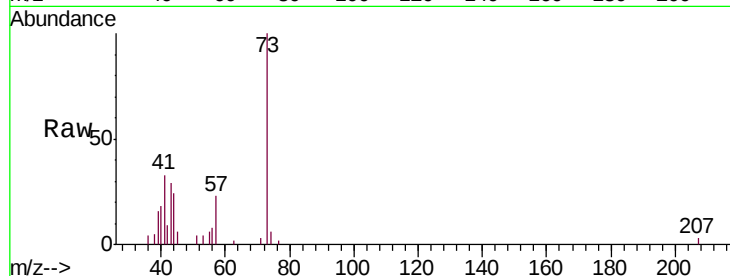
Tgt Ion: 73 Resp: 11418

Ion Ratio Lower Upper

73 100

43 29.5 17.4 26.2#

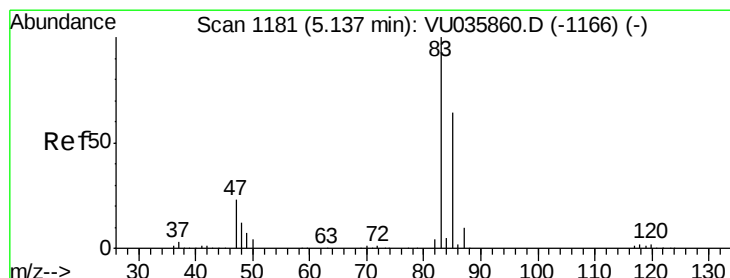
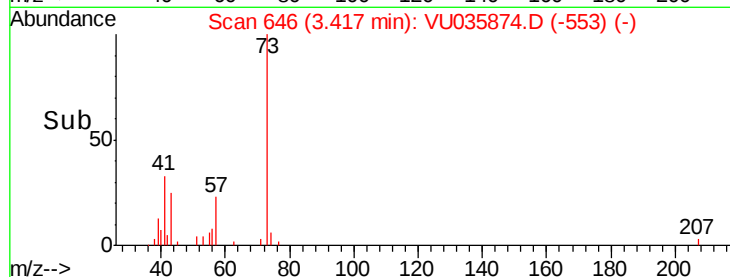
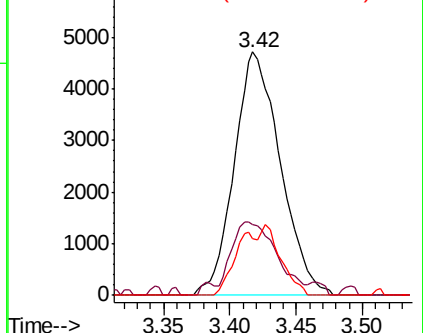
57 13.0 19.4 29.0#



Abundance Ion 73.10 (72.80 to 73.80): VU035860.D (-627) (-)

Ion 43.05 (42.75 to 43.75): VU035860.D (-627) (-)

Ion 57.10 (56.80 to 57.80): VU035860.D (-627) (-)



#25

Chloroform

Concen: 0.262 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035874.D

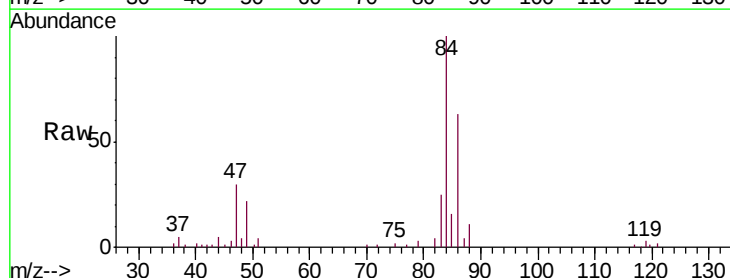
Acq: 26 Nov 2019 22:09

Tgt Ion: 83 Resp: 12466

Ion Ratio Lower Upper

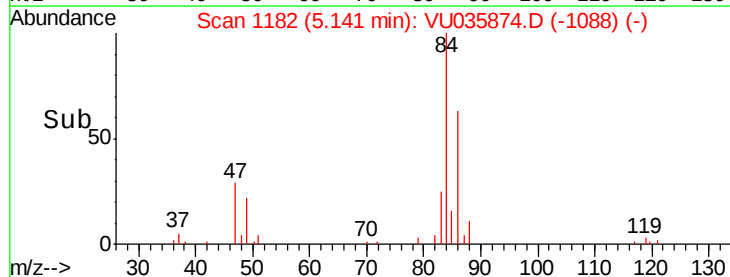
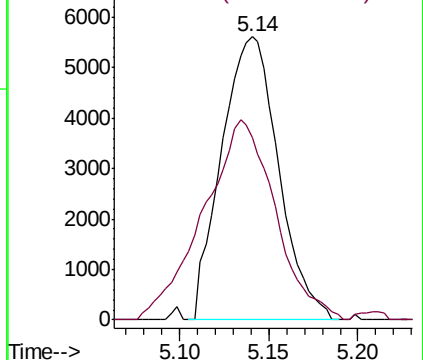
83 100

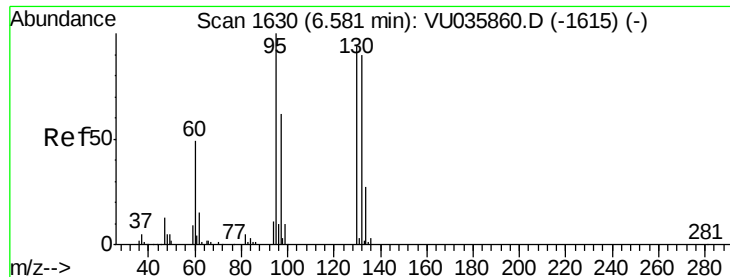
85 64.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035860.D (-1166) (-)

Ion 85.00 (84.70 to 85.70): VU035860.D (-1166) (-)





#34

Trichloroethene

Concen: 0.156 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035874.D

Acq: 26 Nov 2019 22:09

Instrument :

MSVOA_U

ClientSampleId :

C0AA6

Tgt Ion: 95 Resp: 3952

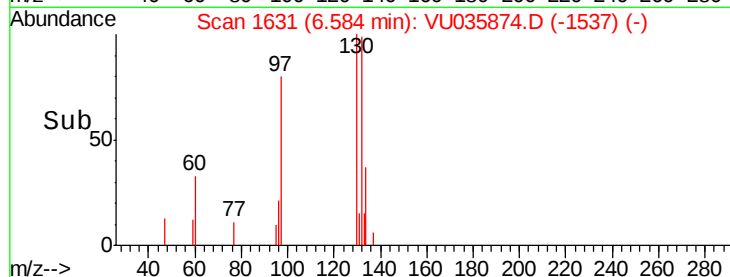
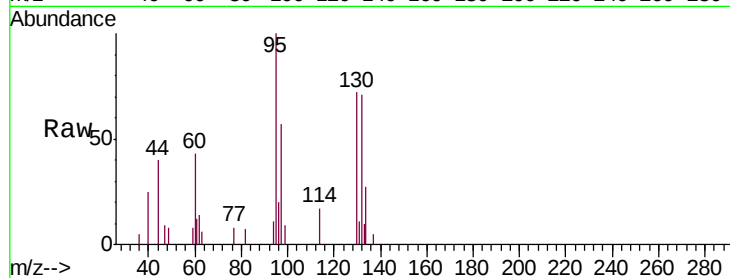
Ion Ratio Lower Upper

95 100

97 57.4 45.1 83.9

132 71.3 61.9 114.9

130 71.9 66.3 123.1

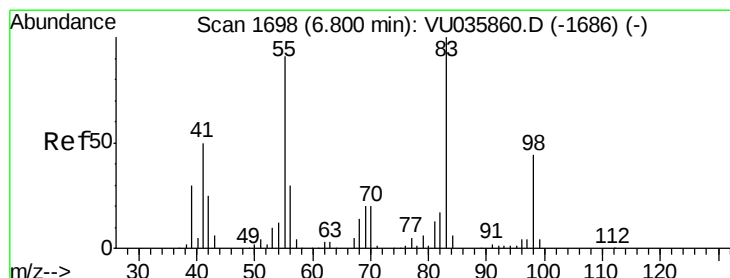
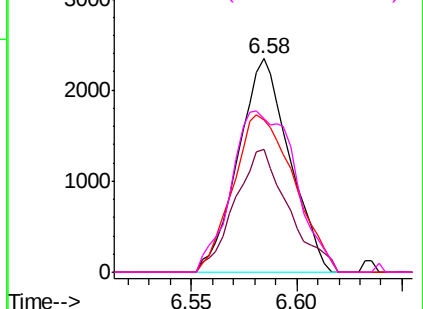


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 0.935 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035874.D

Acq: 26 Nov 2019 22:09

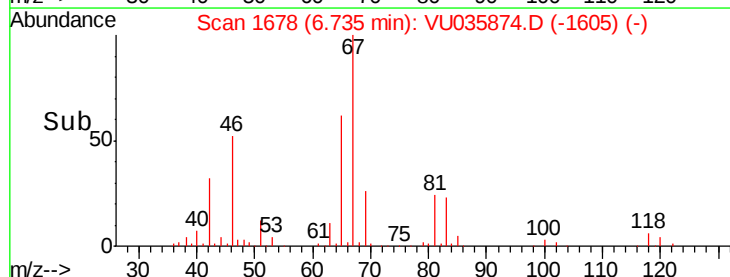
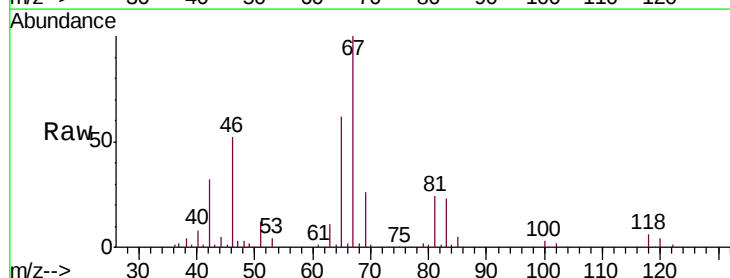
Tgt Ion: 83 Resp: 34859

Ion Ratio Lower Upper

83 100

55 0.3 72.7 109.1#

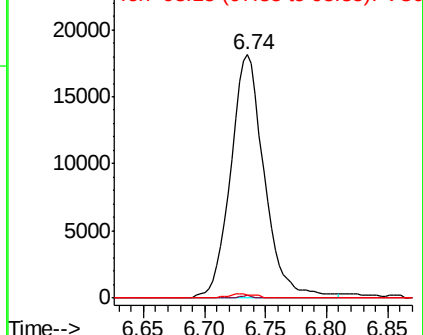
98 1.4 36.2 54.4#

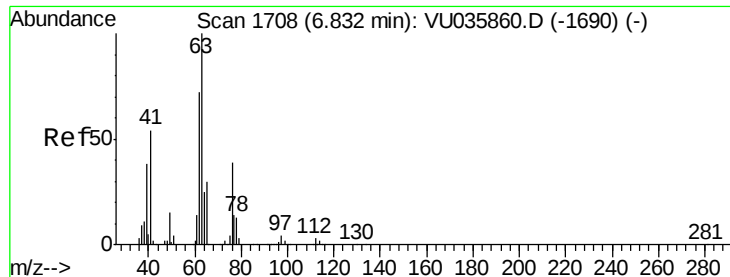


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

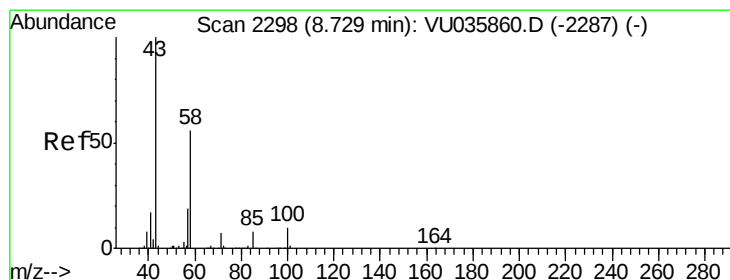
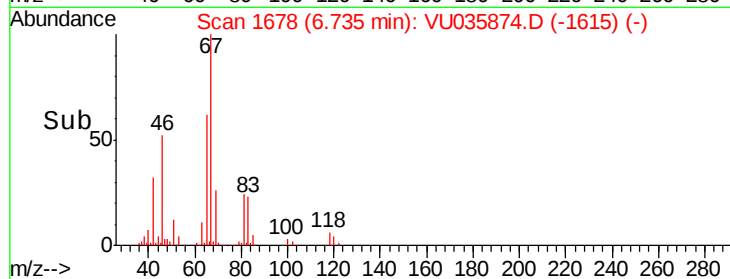
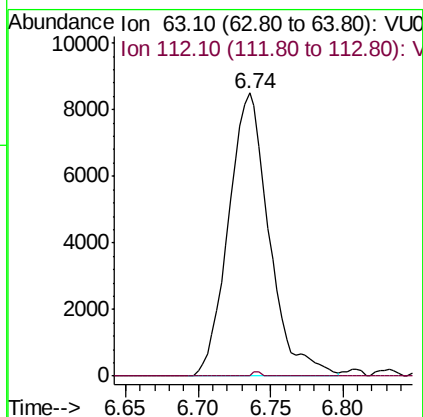
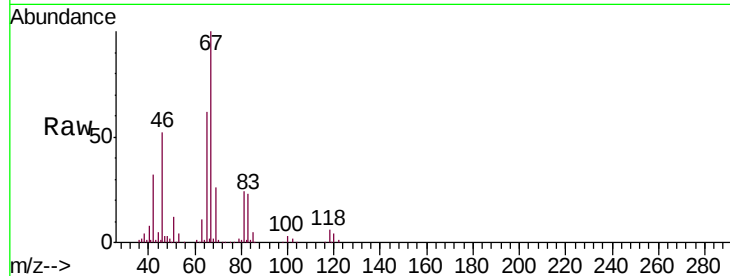




#37
 1,2-Dichloropropane
 Concen: 0.562 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035874.D
 Acq: 26 Nov 2019 22:09

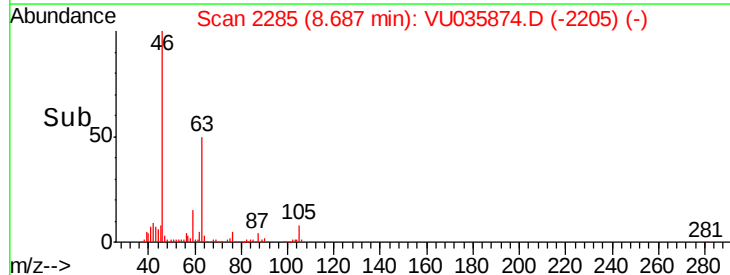
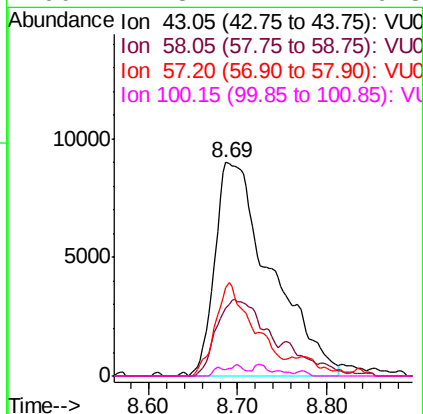
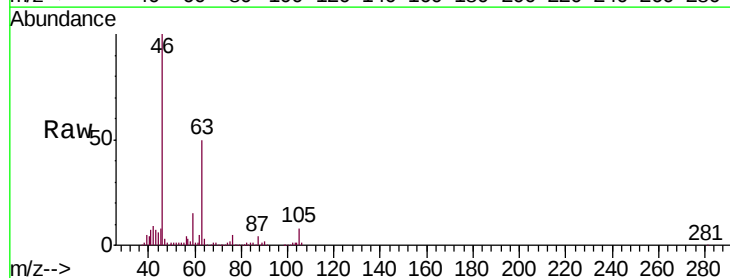
Instrument :
 MSVOA_U
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 C0AA6

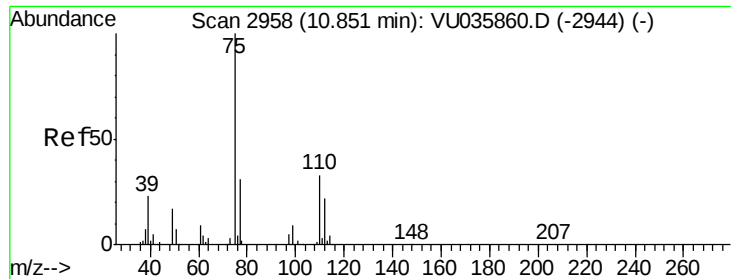
Tgt Ion: 63 Resp: 16532
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.7 4.1#



#48
 2-Hexanone
 Concen: 2.959 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: VU035874.D
 Acq: 26 Nov 2019 22:09

Tgt Ion: 43 Resp: 39312
 Ion Ratio Lower Upper
 43 100
 58 29.6 39.8 59.8#
 57 30.3 14.0 21.0#
 100 1.3 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 0.454 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035874.D

Acq: 26 Nov 2019 22:09

Instrument :

MSVOA_U

ClientSampleId :

C0AA6

Tgt Ion: 75 Resp: 8677

Ion Ratio Lower Upper

75 100

77 38.8 25.4 38.2#

