

Data File : VU035466.D
Acq On : 24 Oct 2019 18:09
Operator : JC/SP
Sample : K5488-12DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G54DL

Quant Time: Oct 25 07:08:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	216887	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	226804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	80647	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48404	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.93	69	49729	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.59	63	65849	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	4.71	46	239487	63.02	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.04%
24) Chloroform-d	5.11	84	113407	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.75	65	69005	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	198543	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
36) 1,2-Dichloropropane-d6	6.74	67	78840	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.93	98	155204	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	8.22	79	25672	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	8.68	63	152930	43.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	75309	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	59901	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

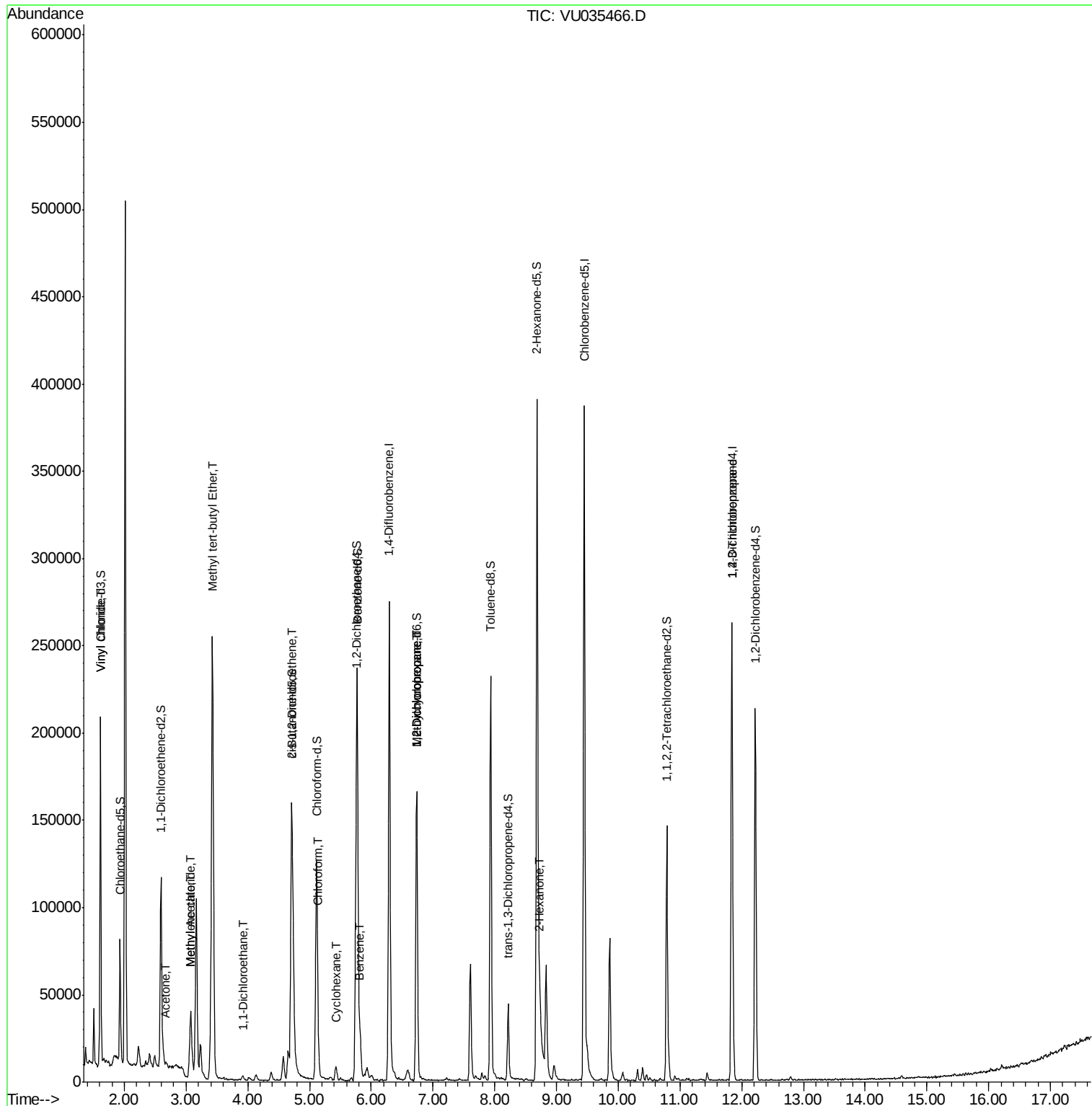
					Qvalue
5) Vinyl chloride	1.62	62	17029	0.906	ug/L 97
13) Acetone	2.68	43	2825	1.069	ug/L 98
15) Methyl Acetate	3.07	43	18711	2.841	ug/L # 50
16) Methylene chloride	3.08	84	9616	0.574	ug/L 98
17) Methyl tert-butyl Ether	3.43	73	268692	7.165	ug/L 94
19) 1,1-Dichloroethane	3.92	63	3328	0.122	ug/L # 86
22) cis-1,2-Dichloroethene	4.72	96	2003	0.121	ug/L # 65
25) Chloroform	5.14	83	10703	0.359	ug/L 96
30) Cyclohexane	5.43	56	3300	0.116	ug/L 95
33) Benzene	5.82	78	24469	0.367	ug/L 100
35) Methylcyclohexane	6.74	83	17500	0.584	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	8727	0.515	ug/L # 86
48) 2-Hexanone	8.74	43	12892	1.607	ug/L # 87
59) 1,2,3-Trichloropropane	11.84	75	10228	0.867	ug/L 92

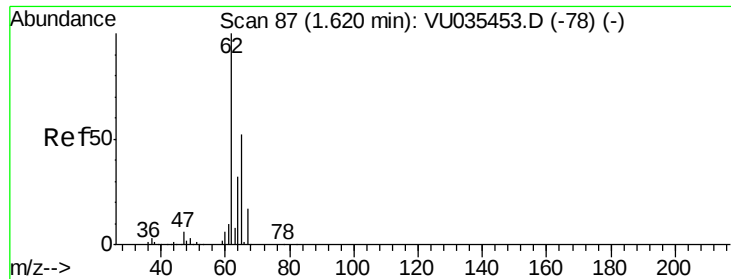
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035466.D
Acq On : 24 Oct 2019 18:09
Operator : JC/SP
Sample : K5488-12DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G54DL

Quant Time: Oct 25 07:08:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.906 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035466.D

Acq: 24 Oct 2019 18:09

Instrument :

MSVOA_U

ClientSampleId :

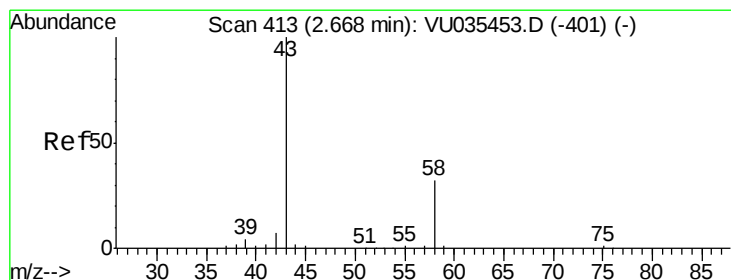
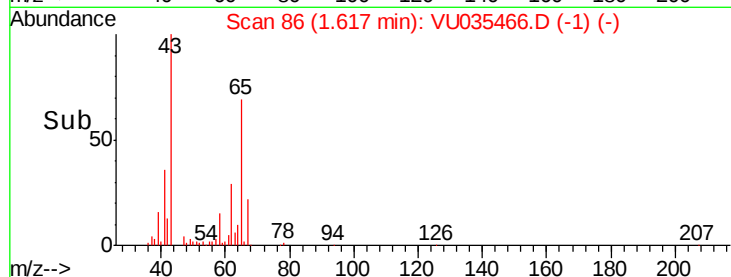
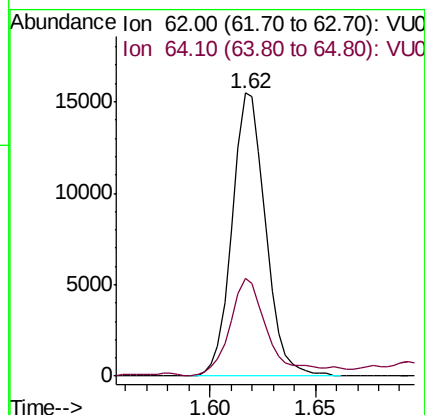
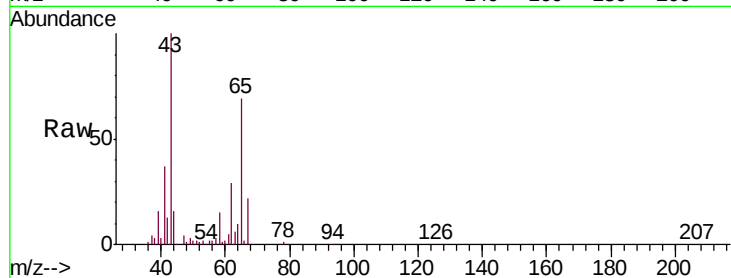
H0G54DL

Tgt Ion: 62 Resp: 17029

Ion Ratio Lower Upper

62 100

64 34.5 22.9 42.5



#13

Acetone

Concen: 1.069 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU035466.D

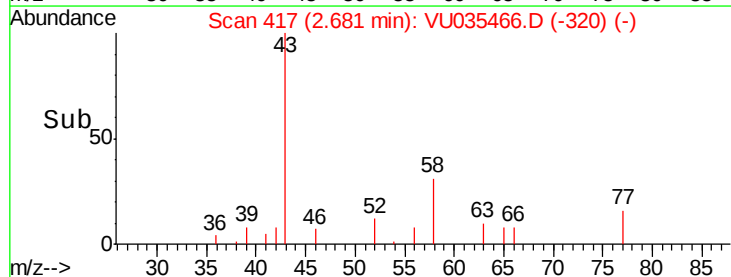
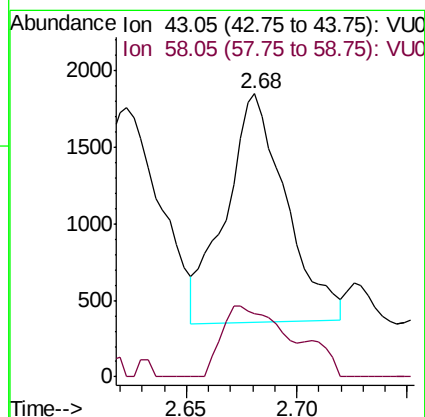
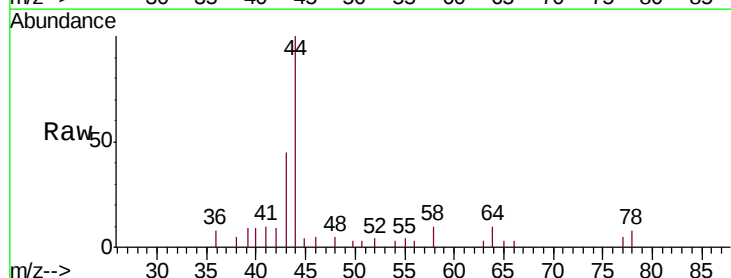
Acq: 24 Oct 2019 18:09

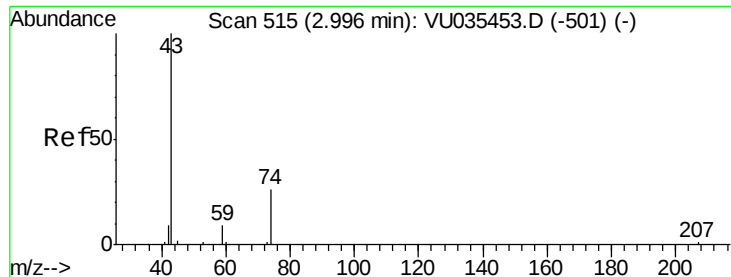
Tgt Ion: 43 Resp: 2825

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.8





#15

Methyl Acetate

Concen: 2.841 ug/L

RT: 3.07 min Scan# 538

Delta R.T. 0.07 min

Lab File: VU035466.D

Acq: 24 Oct 2019 18:09

Instrument :

MSVOA_U

ClientSampleId :

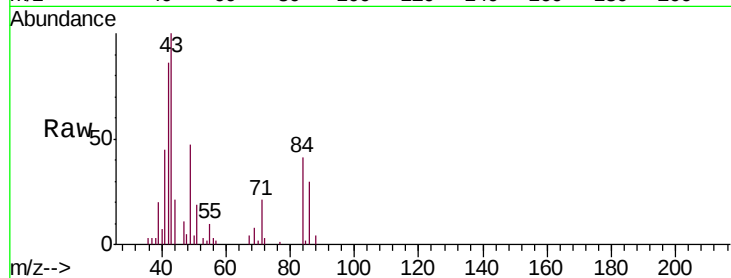
H0G54DL

Tgt Ion: 43 Resp: 18711

Ion Ratio Lower Upper

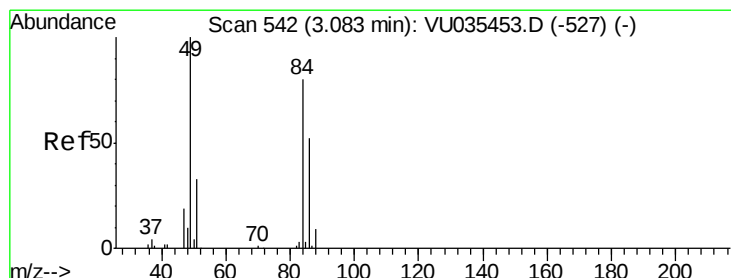
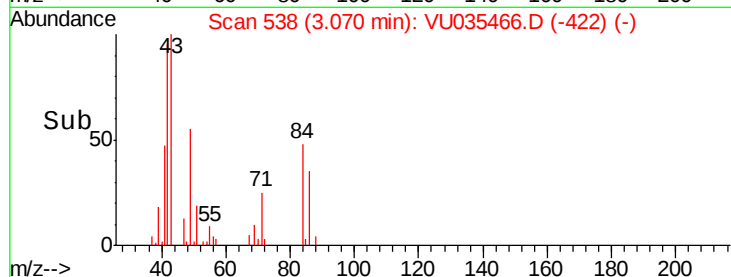
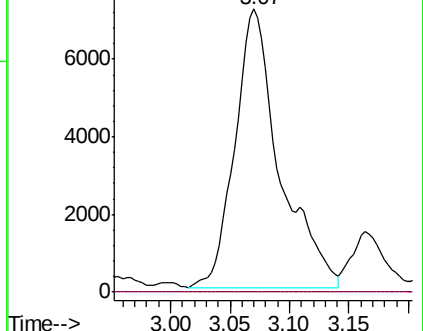
43 100

74 0.2 20.3 30.5#



Abundance Ion 43.05 (42.75 to 43.75): VU035466.D (-422) (-)

Ion 74.05 (73.75 to 74.75): VU035466.D (-422) (-)



#16

Methylene chloride

Concen: 0.574 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035466.D

Acq: 24 Oct 2019 18:09

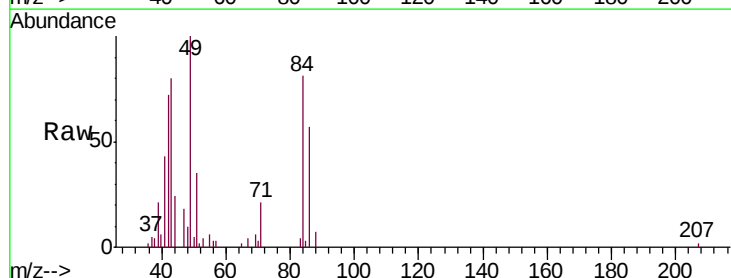
Tgt Ion: 84 Resp: 9616

Ion Ratio Lower Upper

84 100

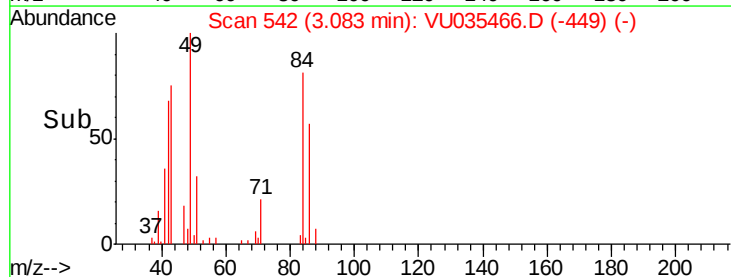
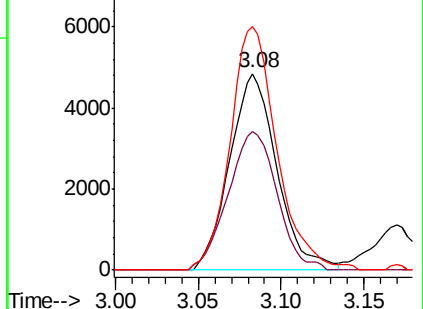
86 70.4 45.4 84.2

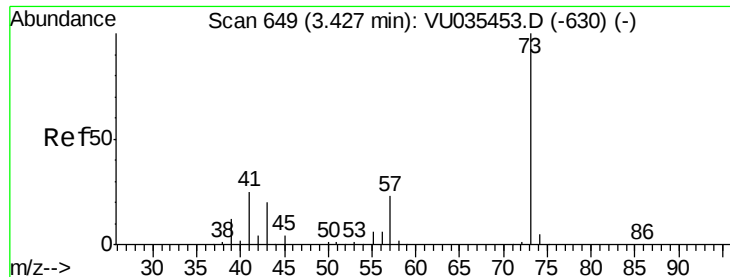
49 123.9 86.8 161.2



Abundance Ion 84.05 (83.75 to 84.75): VU035466.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VU035466.D (-449) (-)





#17

Methyl tert-butyl Ether

Concen: 7.165 ug/L

RT: 3.43 min Scan# 649

Delta R.T. 0.00 min

Lab File: VU035466.D

Acq: 24 Oct 2019 18:09

Instrument :

MSVOA_U

ClientSampleId :

H0G54DL

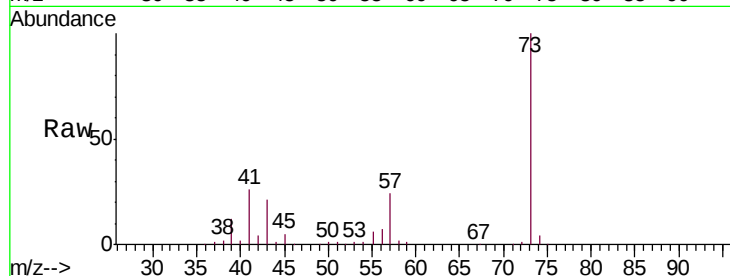
Tgt Ion: 73 Resp: 268692

Ion Ratio Lower Upper

73 100

43 21.7 16.0 24.0

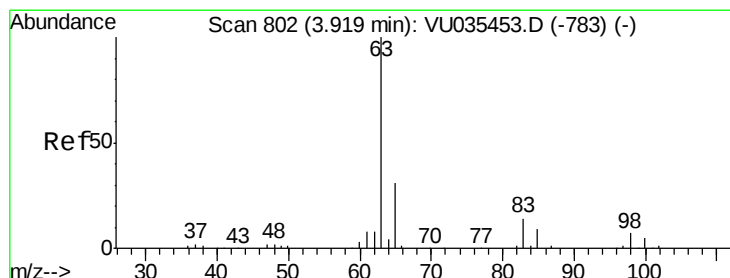
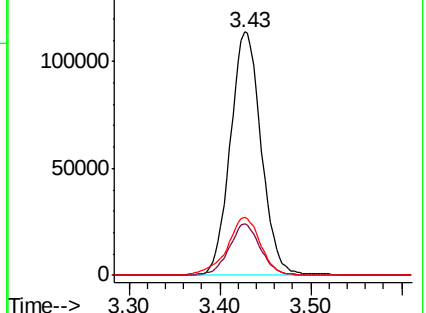
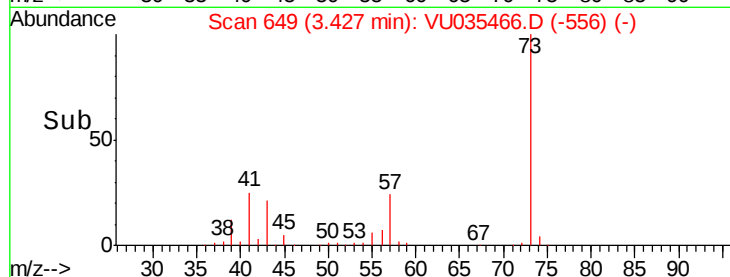
57 26.0 17.4 26.2



Abundance Ion 73.10 (72.80 to 73.80): VU035466.D (-556) (-)

Ion 43.05 (42.75 to 43.75): VU035466.D (-556) (-)

Ion 57.10 (56.80 to 57.80): VU035466.D (-556) (-)



#19

1,1-Dichloroethane

Concen: 0.122 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.00 min

Lab File: VU035466.D

Acq: 24 Oct 2019 18:09

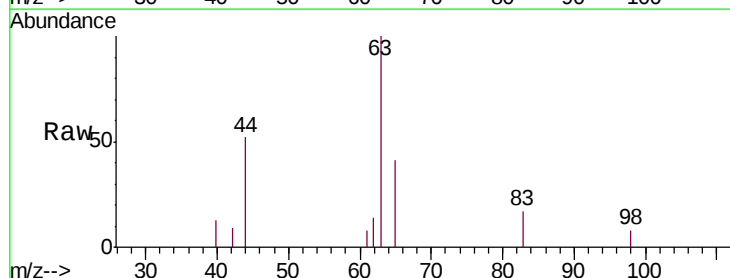
Tgt Ion: 63 Resp: 3328

Ion Ratio Lower Upper

63 100

65 40.6 22.4 41.6

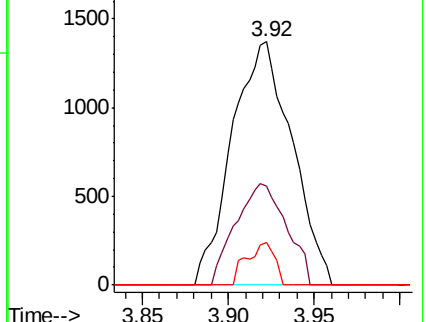
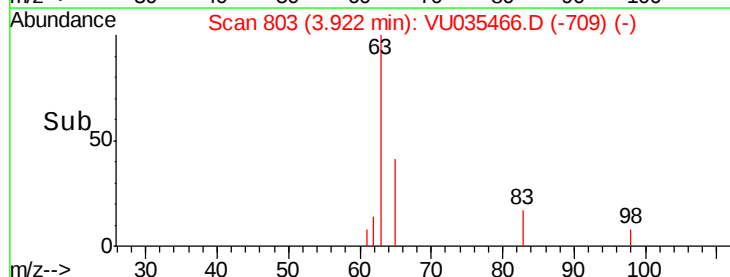
83 17.3 9.3 17.3#

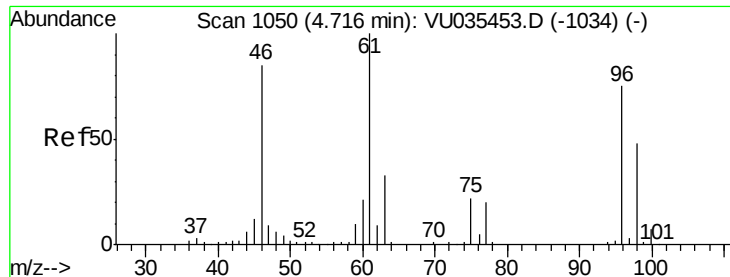


Abundance Ion 63.10 (62.80 to 63.80): VU035466.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU035466.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU035466.D (-709) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035466.D

Acq: 24 Oct 2019 18:09

Instrument :

MSVOA_U

ClientSampleId :

H0G54DL

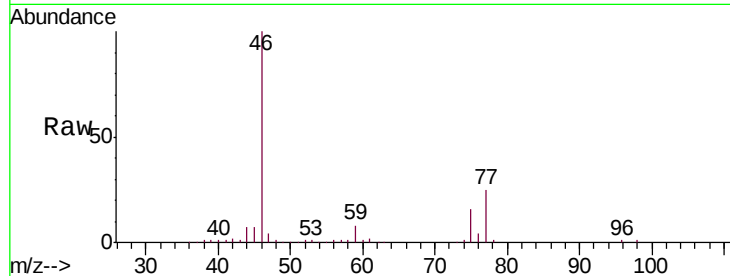
Tgt Ion: 96 Resp: 2003

Ion Ratio Lower Upper

96 100

61 169.1 89.7 166.5#

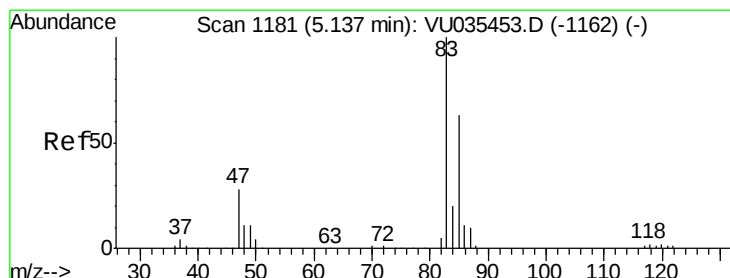
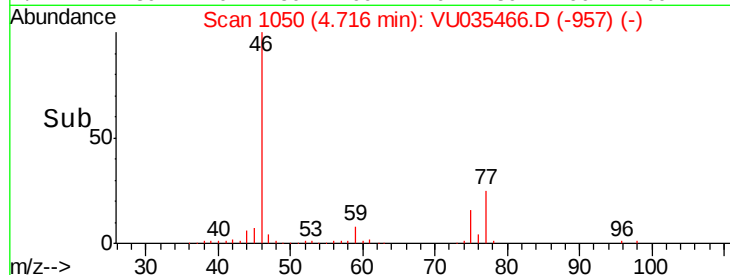
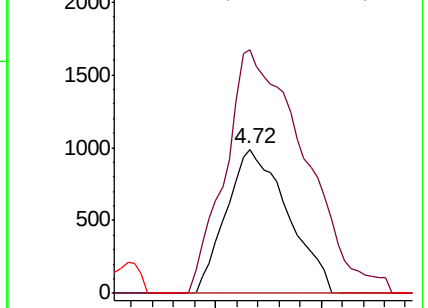
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035466.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035466.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035466.D (-957) (-)



#25

Chloroform

Concen: 0.359 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035466.D

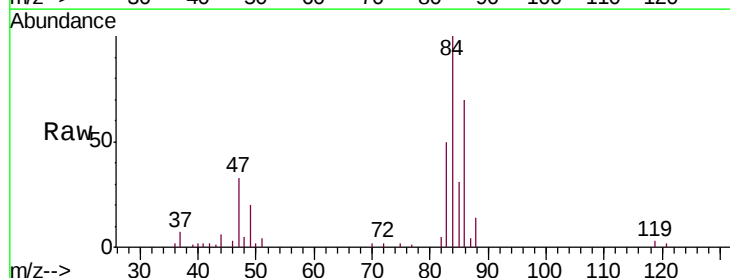
Acq: 24 Oct 2019 18:09

Tgt Ion: 83 Resp: 10703

Ion Ratio Lower Upper

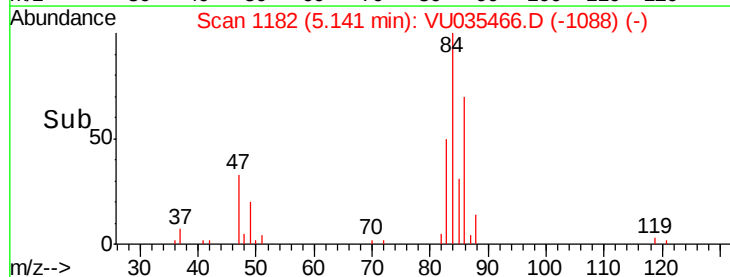
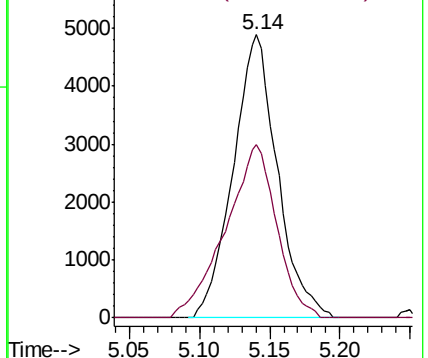
83 100

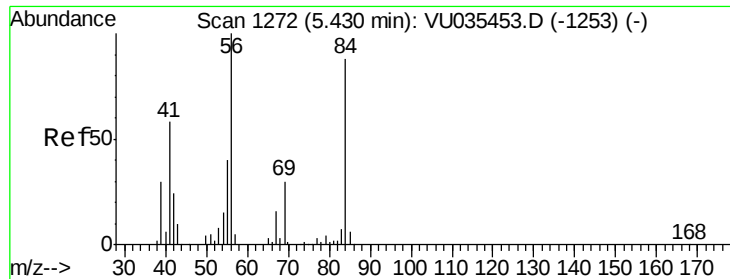
85 61.3 45.1 83.9



Abundance Ion 83.05 (82.75 to 83.75): VU035466.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035466.D (-1088) (-)

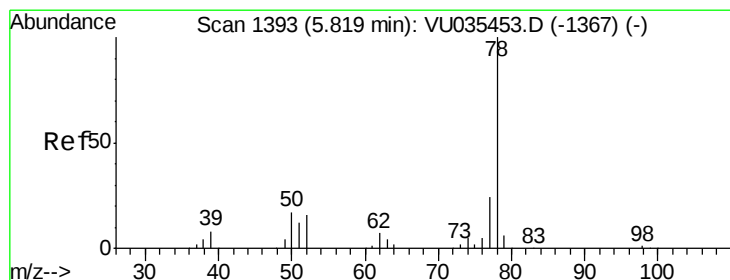
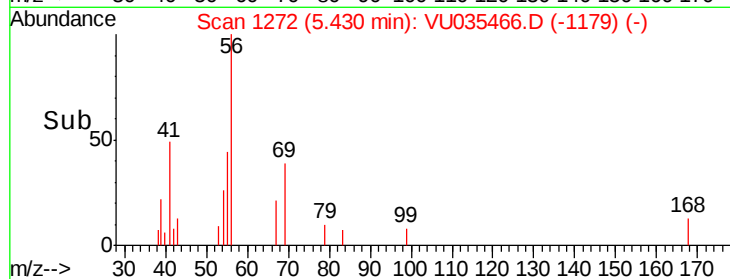
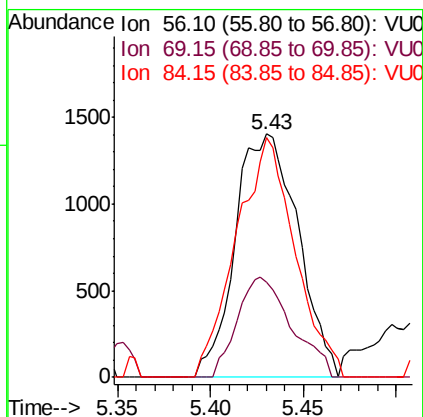
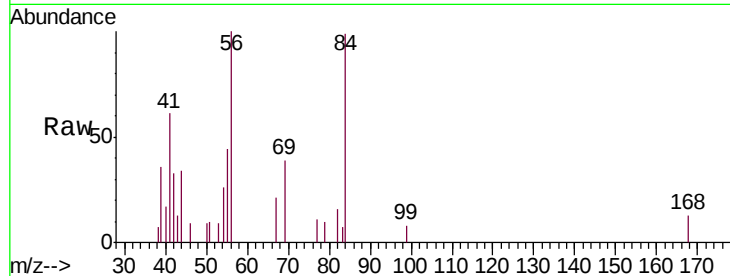




#30
Cyclohexane
Concen: 0.116 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035466.D
Acq: 24 Oct 2019 18:09

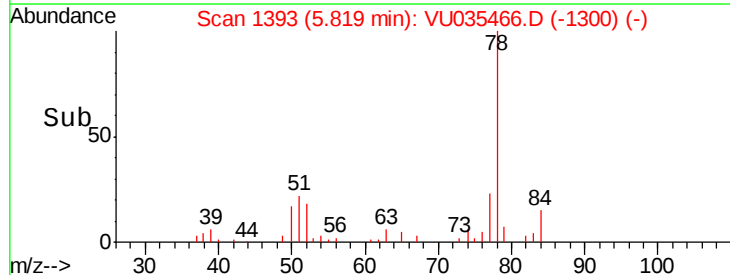
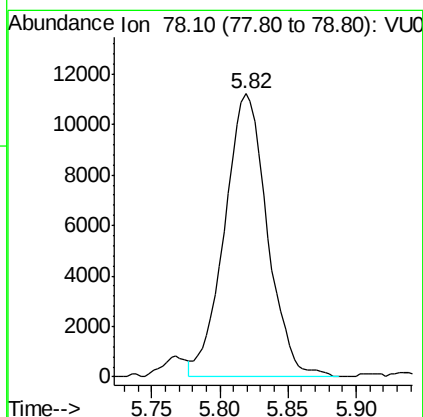
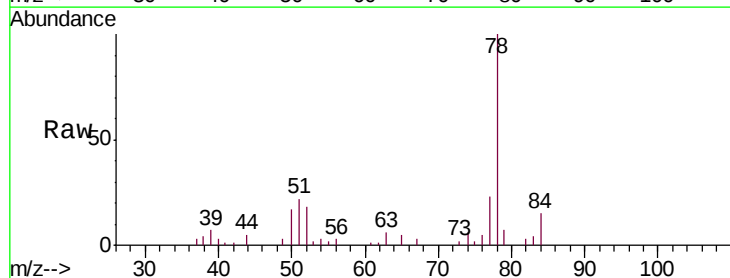
Instrument :
MSVOA_U
ClientSampleId :
H0G54DL

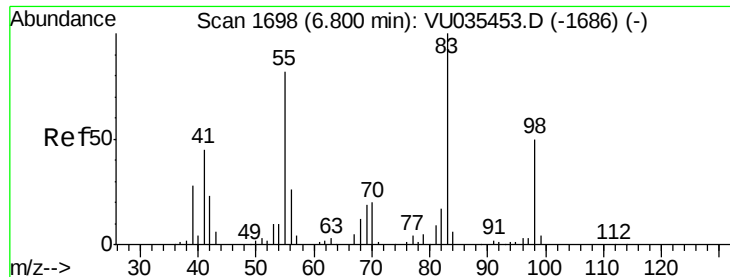
Tgt Ion: 56 Resp: 3300
Ion Ratio Lower Upper
56 100
69 36.0 24.6 36.8
84 92.6 71.5 107.3



#33
Benzene
Concen: 0.367 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035466.D
Acq: 24 Oct 2019 18:09

Tgt Ion: 78 Resp: 24469

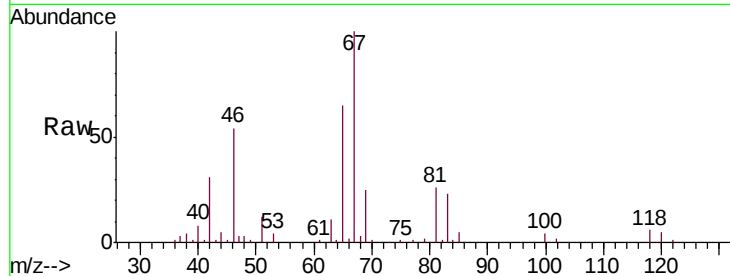




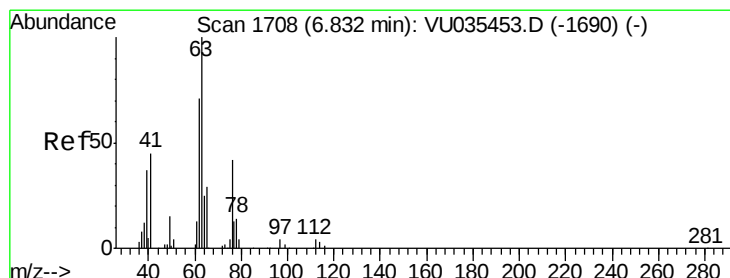
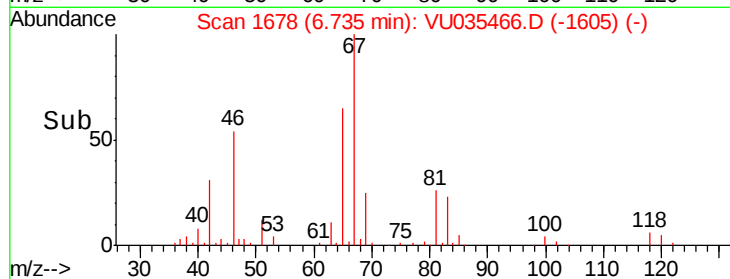
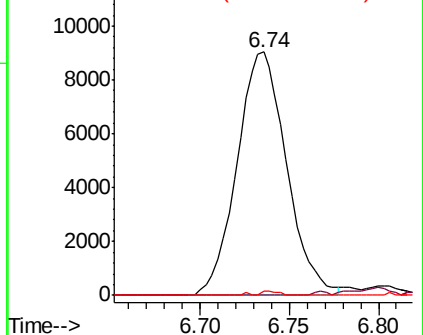
#35
Methylcyclohexane
Concen: 0.584 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035466.D
Acq: 24 Oct 2019 18:09

Instrument :
MSVOA_U
ClientSampleId :
H0G54DL

Tgt Ion: 83 Resp: 17500
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 0.7 39.5 59.3#

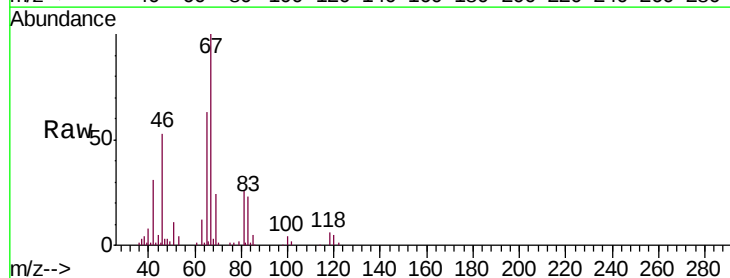


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

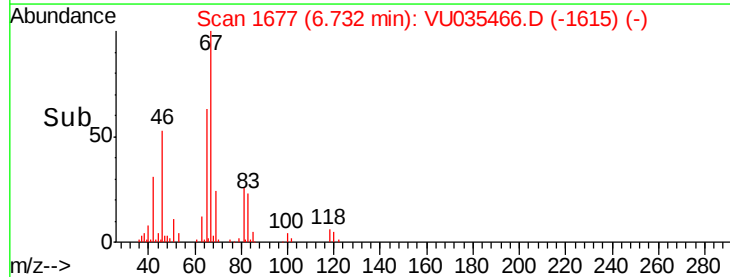
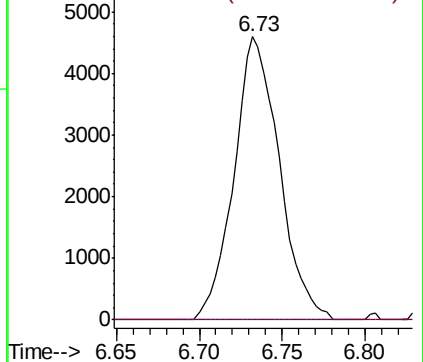


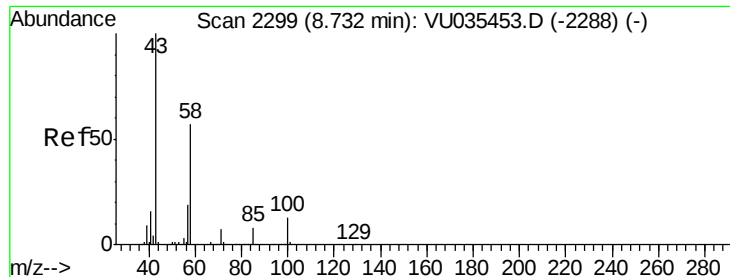
#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035466.D
Acq: 24 Oct 2019 18:09

Tgt Ion: 63 Resp: 8727
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

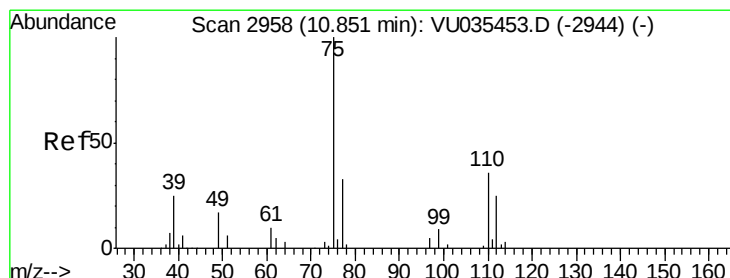
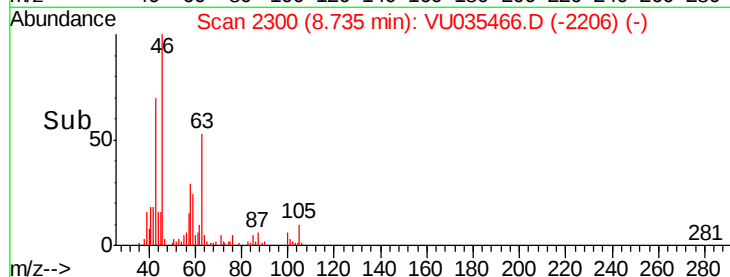
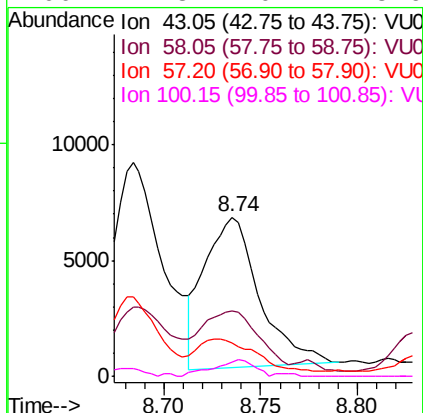
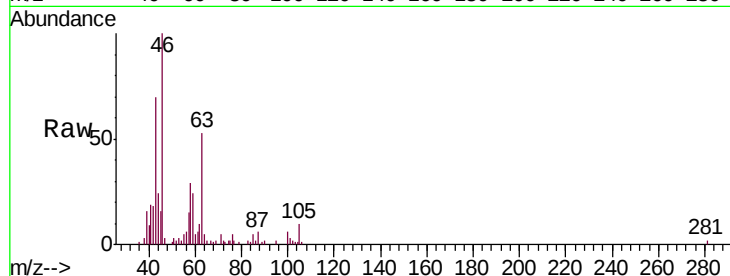




#48
2-Hexanone
Concen: 1.607 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VU035466.D
Acq: 24 Oct 2019 18:09

Instrument :
MSVOA_U
ClientSampleId :
H0G54DL

Tgt Ion: 43 Resp: 12892
Ion Ratio Lower Upper
43 100
58 46.6 45.1 67.7
57 24.7 16.0 24.0#
100 7.8 10.4 15.6#



#59
1,2,3-Trichloropropane
Concen: 0.867 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU035466.D
Acq: 24 Oct 2019 18:09

Tgt Ion: 75 Resp: 10228
Ion Ratio Lower Upper
75 100
77 36.9 26.2 39.2

