

Data File : VU035475.D
Acq On : 24 Oct 2019 21:51
Operator : JC/SP
Sample : K5509-07DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G47DL

Quant Time: Oct 25 07:10:13 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	214807	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	223724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	61797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	45622	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	52310	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.60	63	67669	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.70	46	222214	59.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.08%
24) Chloroform-d	5.11	84	117571	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	70602	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.77	84	202309	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.74	67	77945	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.93	98	153456	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.80%#
43) trans-1,3-Dichloropropene-	8.22	79	25085	3.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.60%
46) 2-Hexanone-d5	8.68	63	140336	40.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	73865	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	49183	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

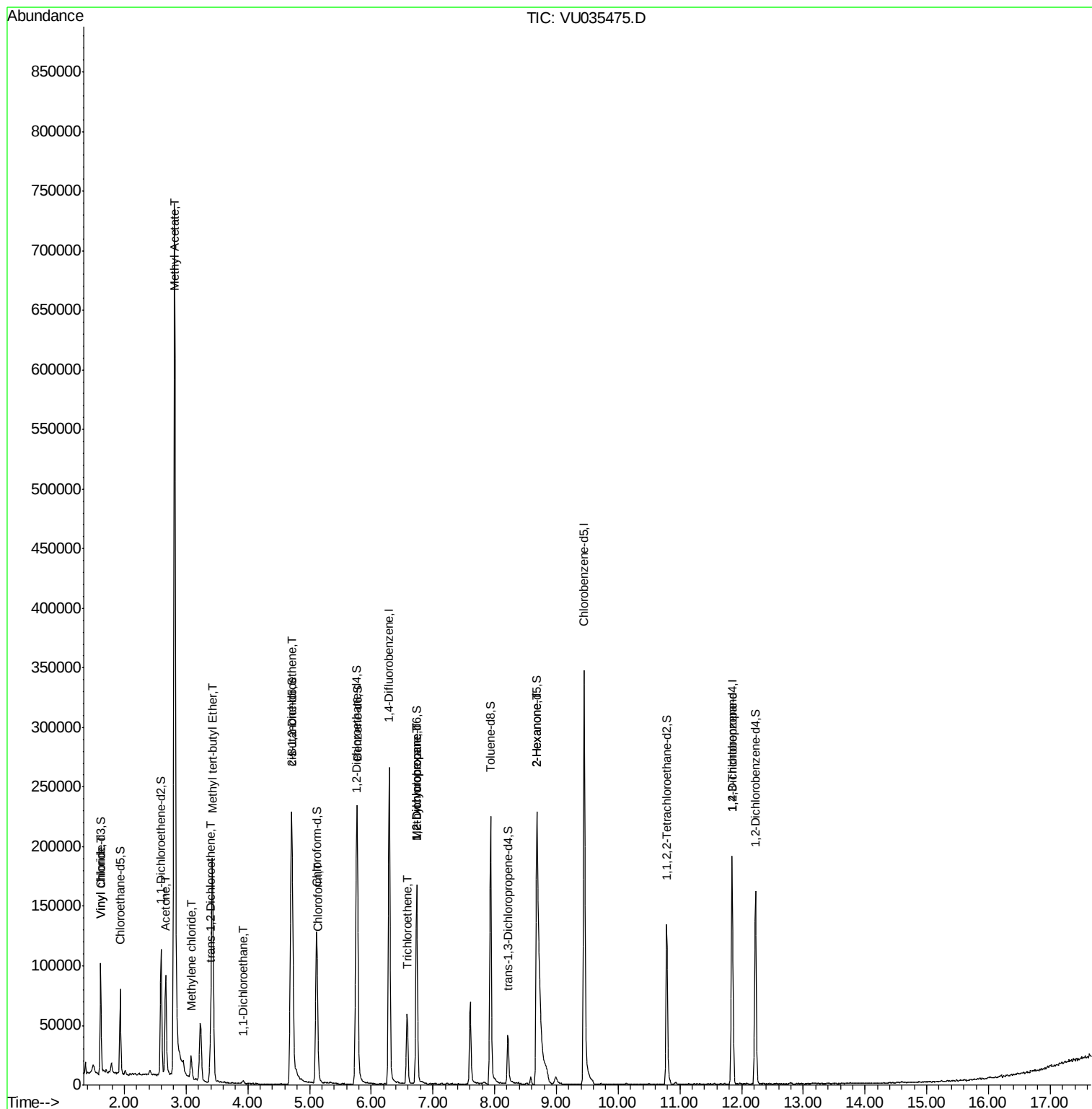
					Qvalue
5) Vinyl chloride	1.62	62	16098	0.864 ug/L #	69
13) Acetone	2.67	43	96153	36.725 ug/L	98
15) Methyl Acetate	2.82	43	197048	30.204 ug/L #	50
16) Methylene chloride	3.08	84	8684	0.523 ug/L	94
17) Methyl tert-butyl Ether	3.43	73	195520	5.264 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	7923	0.532 ug/L	89
19) 1,1-Dichloroethane	3.92	63	2563	0.095 ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	55959	3.399 ug/L	96
25) Chloroform	5.14	83	8226	0.278 ug/L	97
34) Trichloroethene	6.58	95	19915	1.125 ug/L	91
35) Methylcyclohexane	6.74	83	17500	0.592 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	8262	0.494 ug/L #	88
48) 2-Hexanone	8.69	43	11385	1.439 ug/L #	58
59) 1,2,3-Trichloropropane	11.84	75	8206	0.705 ug/L	98

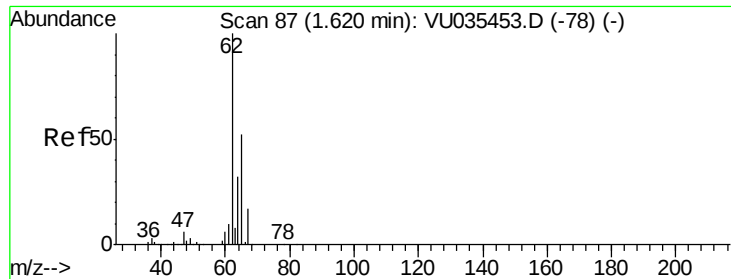
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.864 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035475.D

Acq: 24 Oct 2019 21:51

Instrument :

MSVOA_U

ClientSampleId :

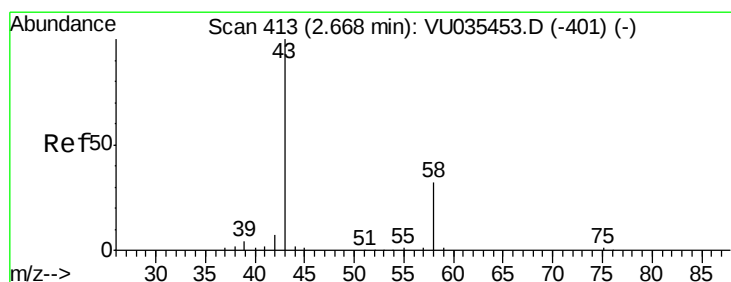
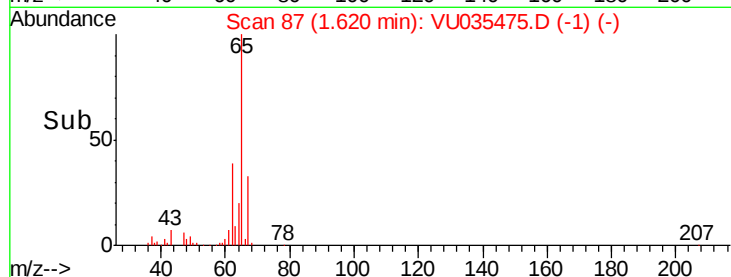
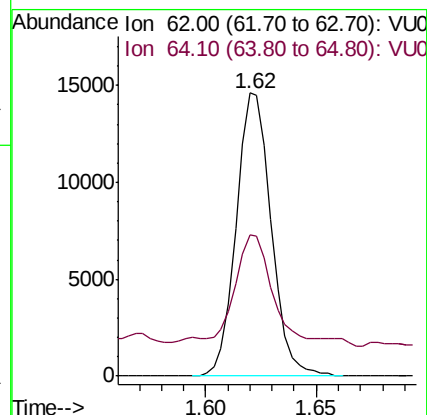
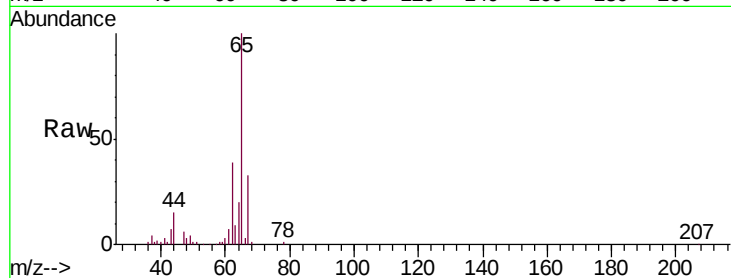
H0G47DL

Tgt Ion: 62 Resp: 16098

Ion Ratio Lower Upper

62 100

64 49.9 22.9 42.5#



#13

Acetone

Concen: 36.725 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035475.D

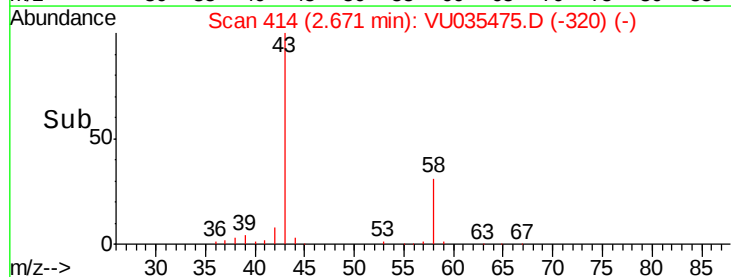
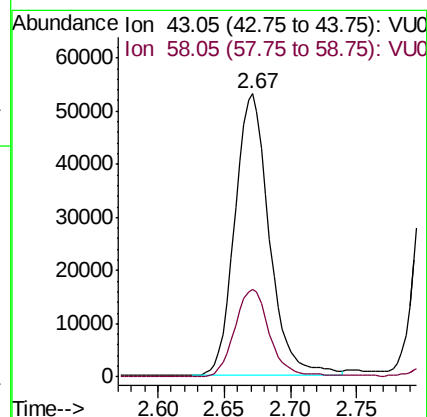
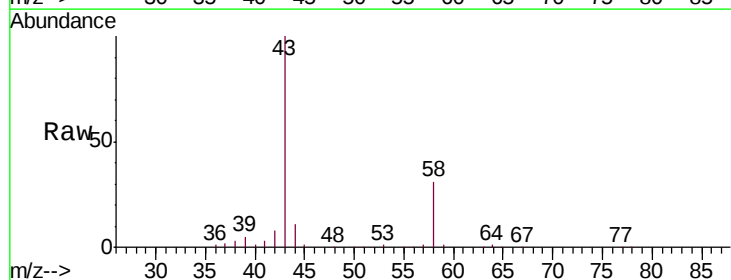
Acq: 24 Oct 2019 21:51

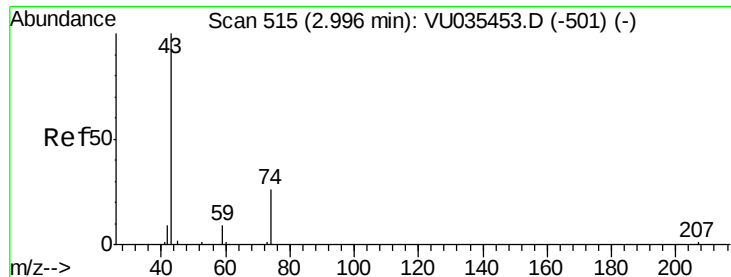
Tgt Ion: 43 Resp: 96153

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.8

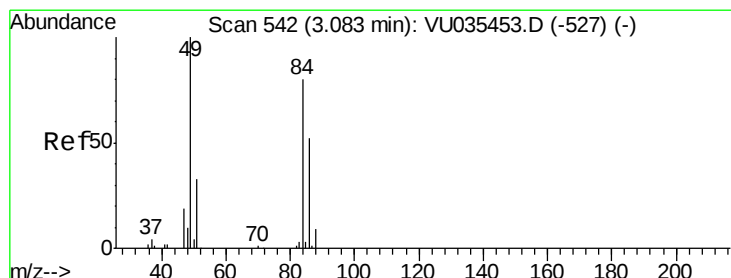
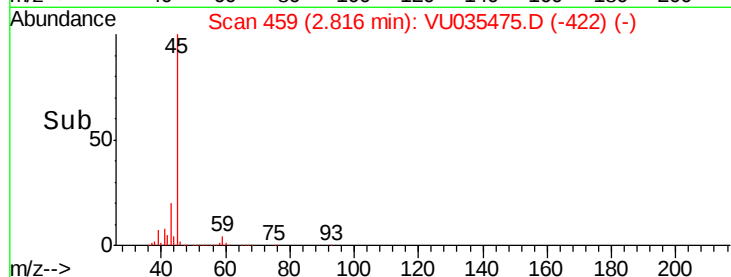
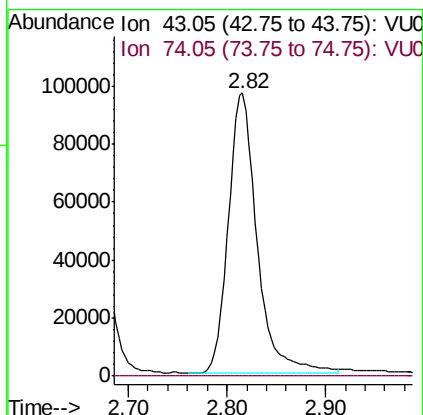
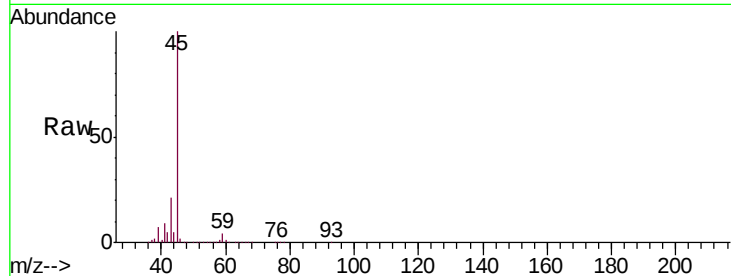




#15
Methyl Acetate
Concen: 30.204 ug/L
RT: 2.82 min Scan# 459
Delta R.T. -0.18 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

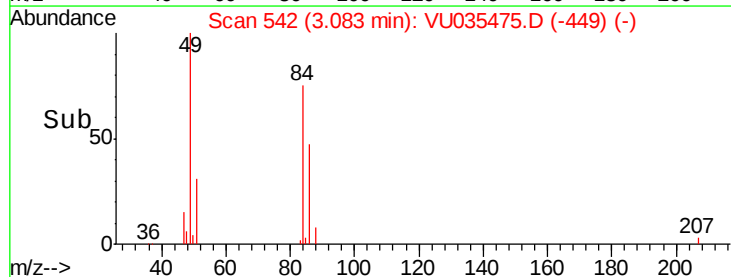
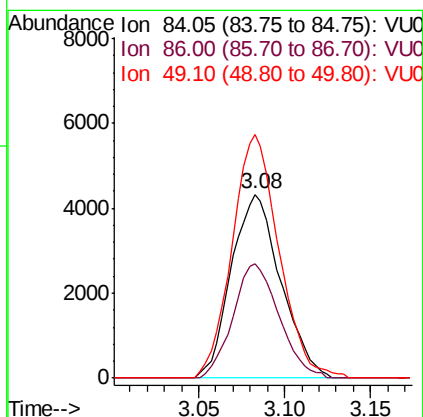
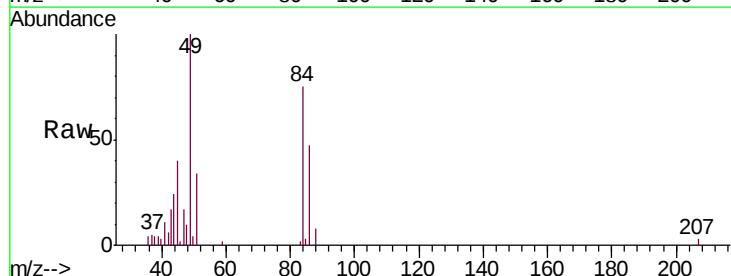
Instrument :
MSVOA_U
ClientSampled :
H0G47DL

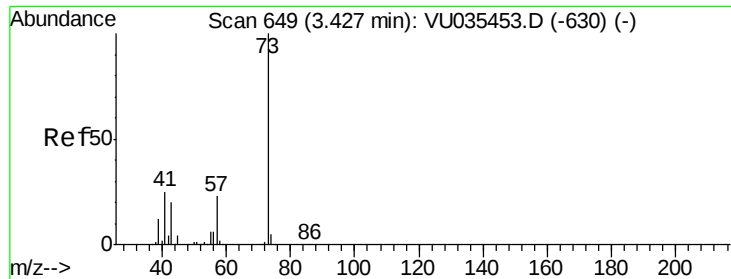
Tgt Ion: 43 Resp: 197048
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#16
Methylene chloride
Concen: 0.523 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

Tgt Ion: 84 Resp: 8684
Ion Ratio Lower Upper
84 100
86 62.3 45.4 84.2
49 132.7 86.8 161.2

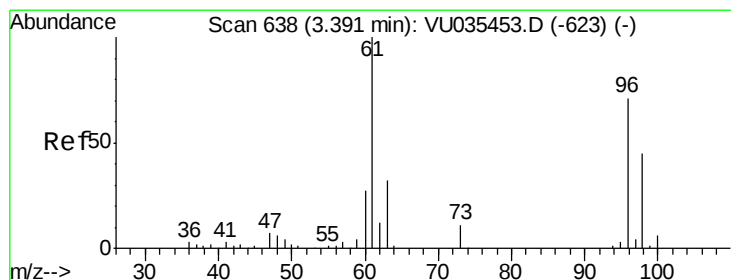
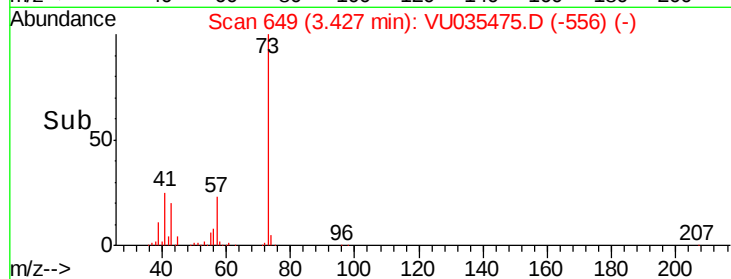
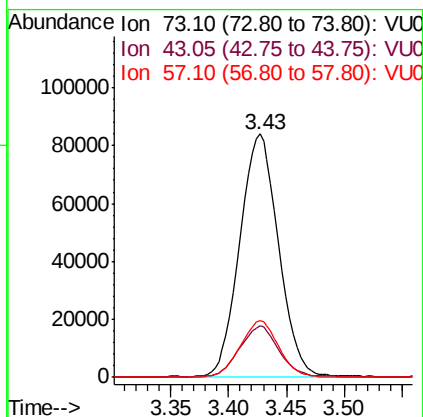
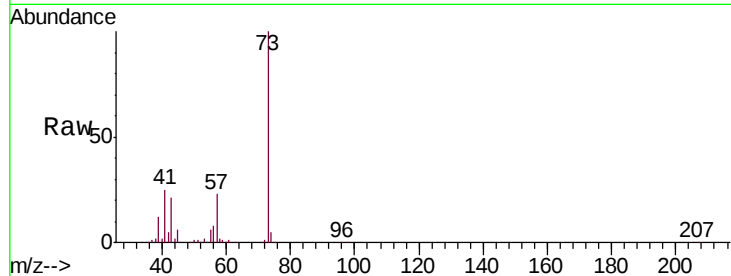




#17
Methyl tert-butyl Ether
Concen: 5.264 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

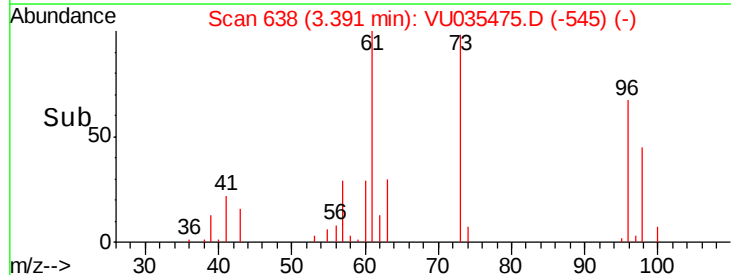
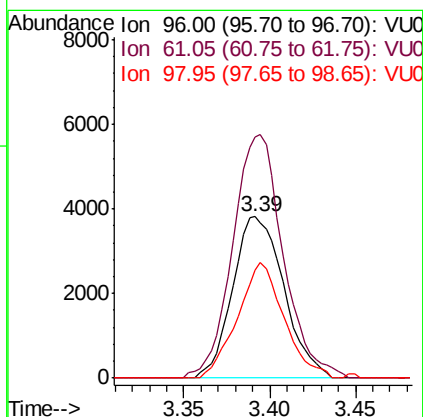
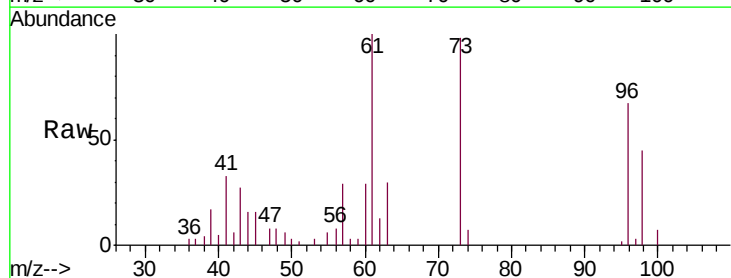
Instrument :
MSVOA_U
ClientSampled :
H0G47DL

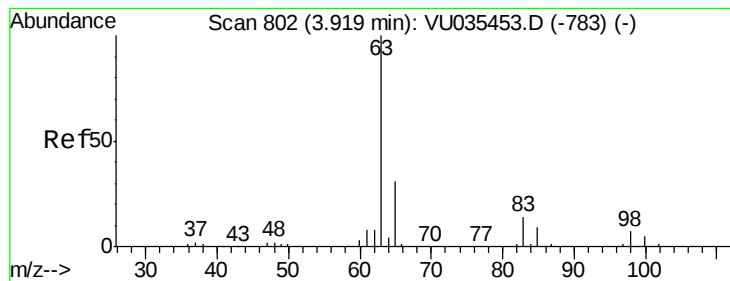
Tgt Ion: 73 Resp: 195520
Ion Ratio Lower Upper
73 100
43 21.1 16.0 24.0
57 23.1 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.532 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

Tgt Ion: 96 Resp: 7923
Ion Ratio Lower Upper
96 100
61 149.0 93.0 172.6
98 67.0 43.7 81.1





#19

1,1-Dichloroethane

Concen: 0.095 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035475.D

Acq: 24 Oct 2019 21:51

Instrument :

MSVOA_U

ClientSampleId :

H0G47DL

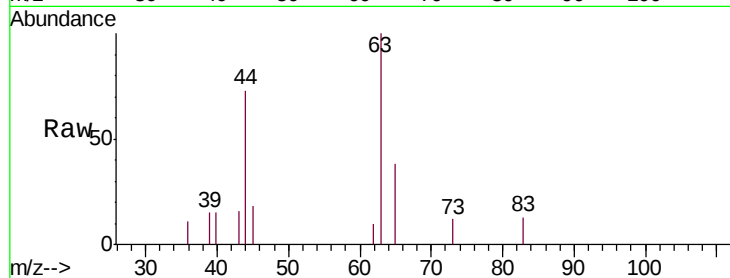
Tgt Ion: 63 Resp: 2563

Ion Ratio Lower Upper

63 100

65 37.8 22.4 41.6

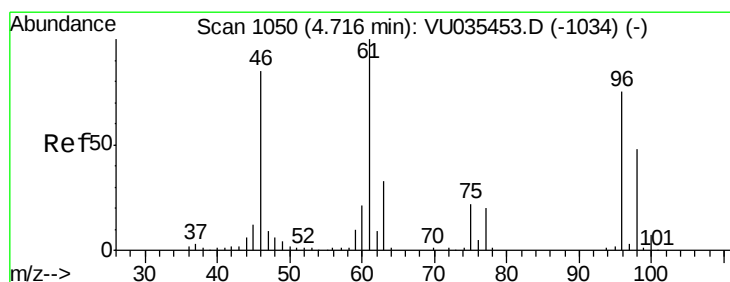
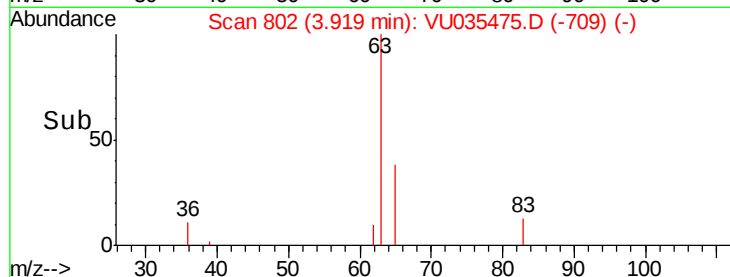
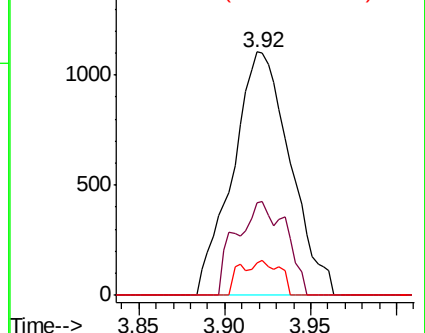
83 13.5 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU035475.D (-783) (-)

Ion 65.10 (64.80 to 65.80): VU035475.D (-783) (-)

Ion 83.05 (82.75 to 83.75): VU035475.D (-783) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.399 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035475.D

Acq: 24 Oct 2019 21:51

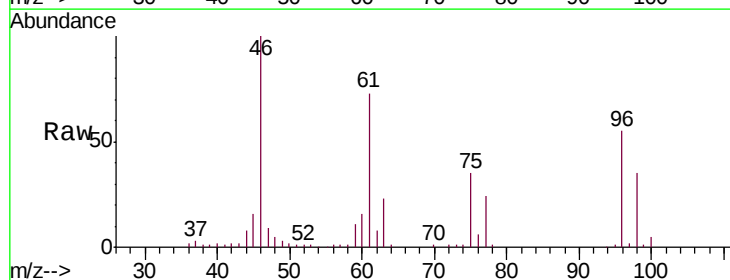
Tgt Ion: 96 Resp: 55959

Ion Ratio Lower Upper

96 100

61 133.3 89.7 166.5

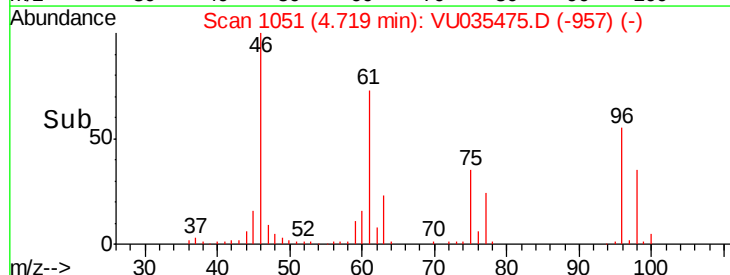
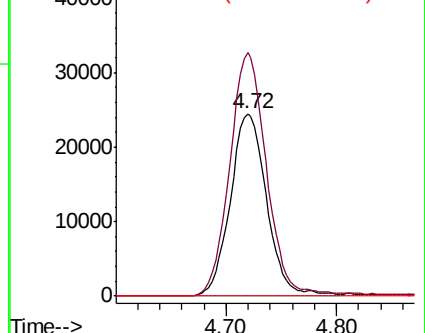
68 0.0 0.0 0.0

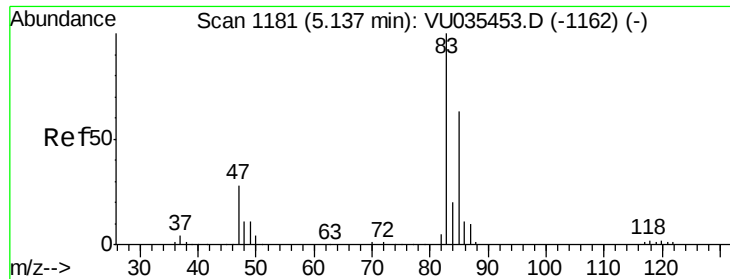


Abundance Ion 96.00 (95.70 to 96.70): VU035475.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035475.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035475.D (-957) (-)

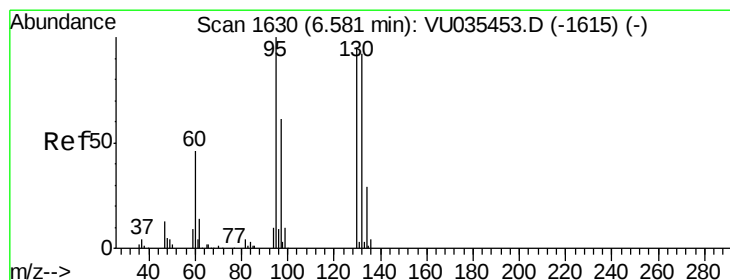
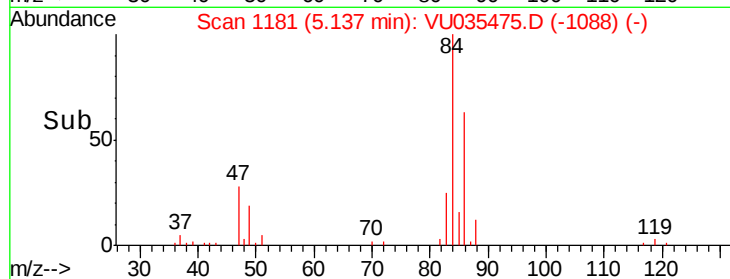
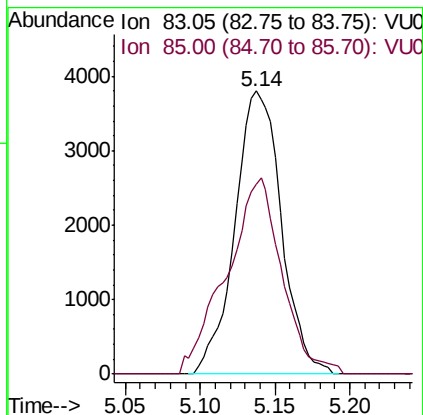
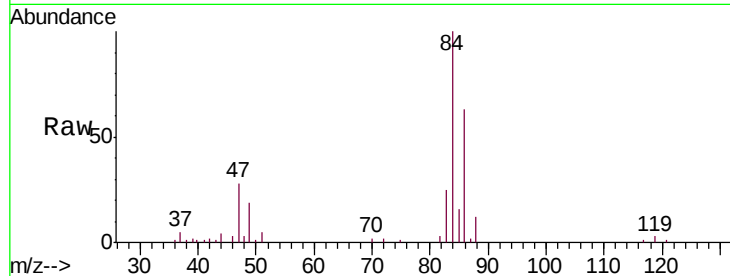




#25
Chloroform
Concen: 0.278 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

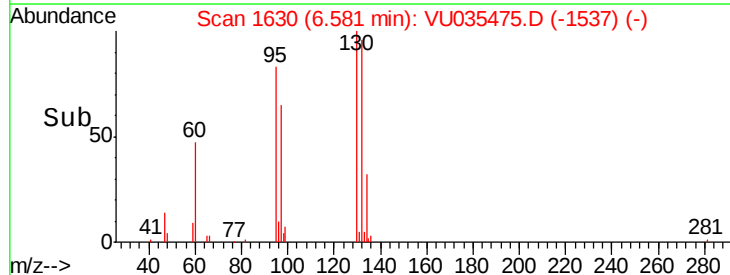
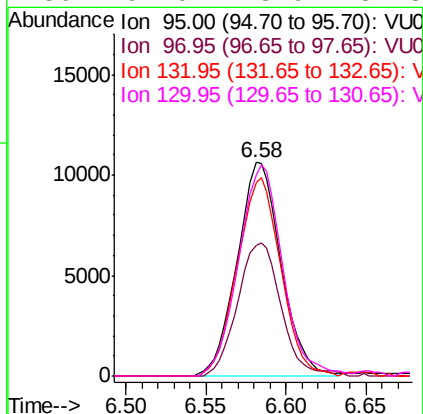
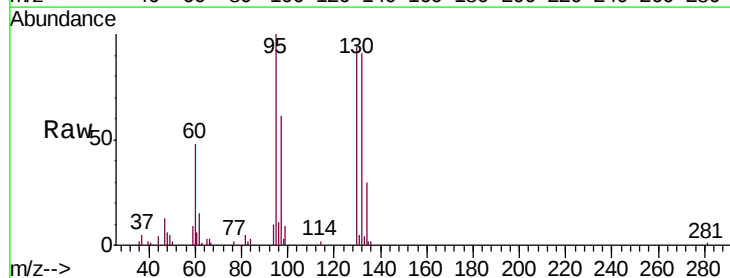
Instrument :
MSVOA_U
ClientSampleId :
H0G47DL

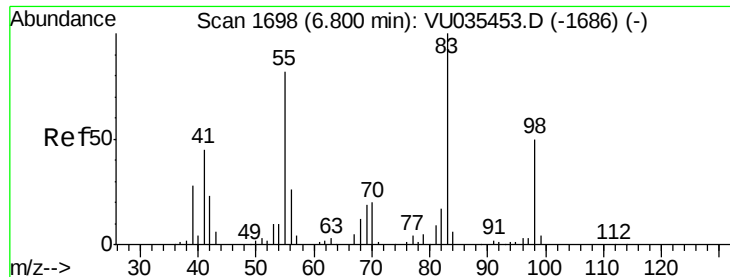
Tgt Ion: 83 Resp: 8226
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.9



#34
Trichloroethene
Concen: 1.125 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

Tgt Ion: 95 Resp: 19915
Ion Ratio Lower Upper
95 100
97 61.0 46.6 86.6
132 90.6 68.7 127.7
130 94.0 73.9 137.3

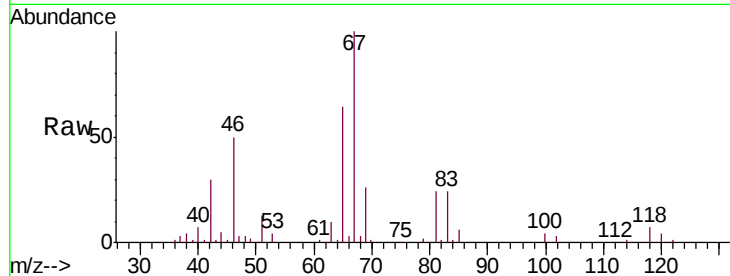




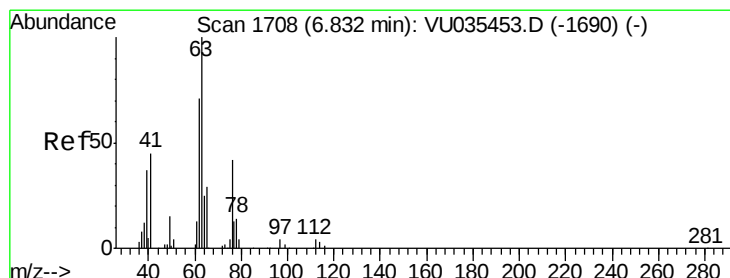
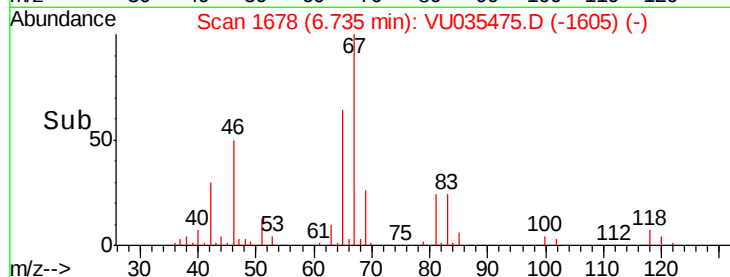
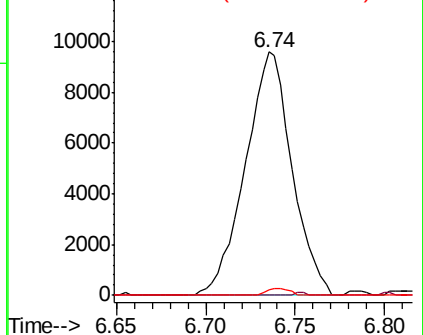
#35
Methylcyclohexane
Concen: 0.592 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

Instrument :
MSVOA_U
ClientSampleId :
H0G47DL

Tgt Ion: 83 Resp: 17500
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 1.4 39.5 59.3#

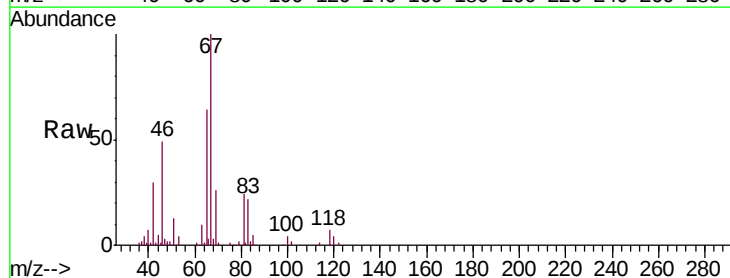


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

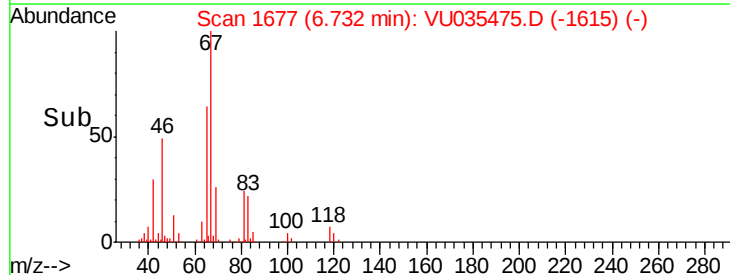
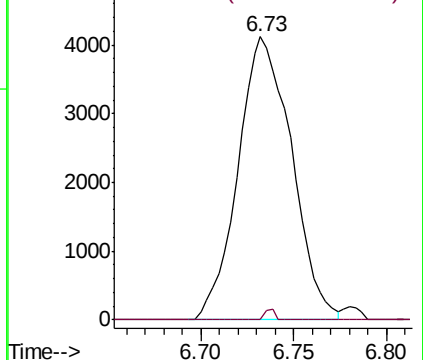


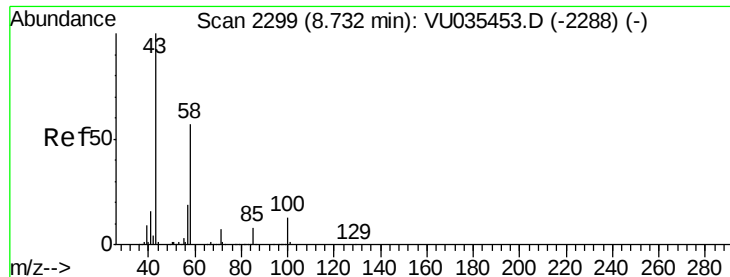
#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

Tgt Ion: 63 Resp: 8262
Ion Ratio Lower Upper
63 100
112 0.7 3.7 5.5#



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

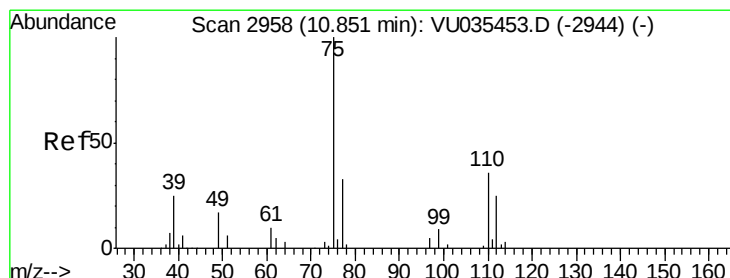
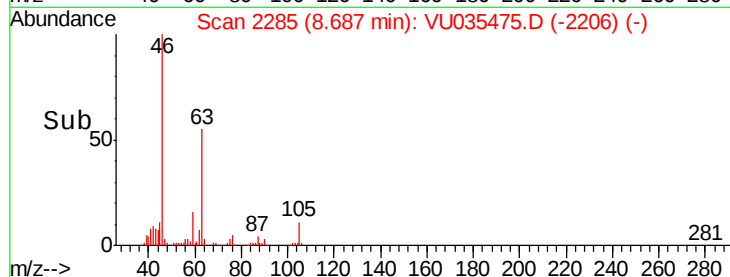
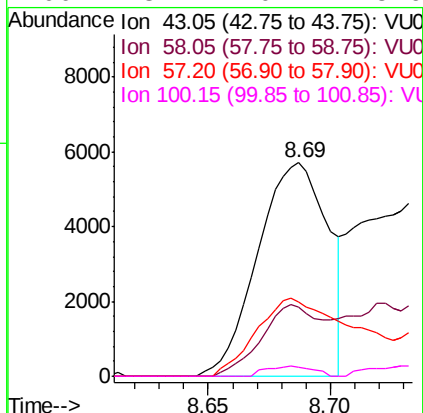
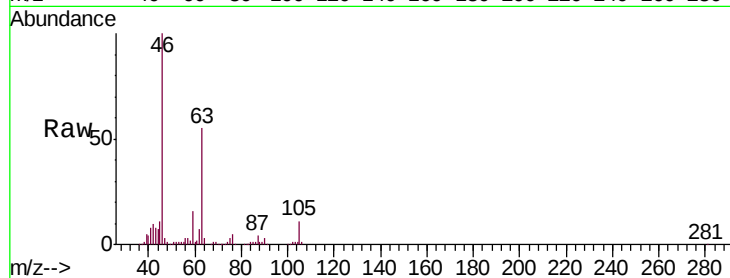




#48
 2-Hexanone
 Concen: 1.439 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: VU035475.D
 Acq: 24 Oct 2019 21:51

Instrument :
 MSVOA_U
 ClientSampled :
 H0G47DL

Tgt Ion: 43 Resp: 11385
 Ion Ratio Lower Upper
 43 100
 58 29.5 45.1 67.7#
 57 51.2 16.0 24.0#
 100 3.1 10.4 15.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.705 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035475.D
 Acq: 24 Oct 2019 21:51

Tgt Ion: 75 Resp: 8206
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.2

