

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 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 08:54:59 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

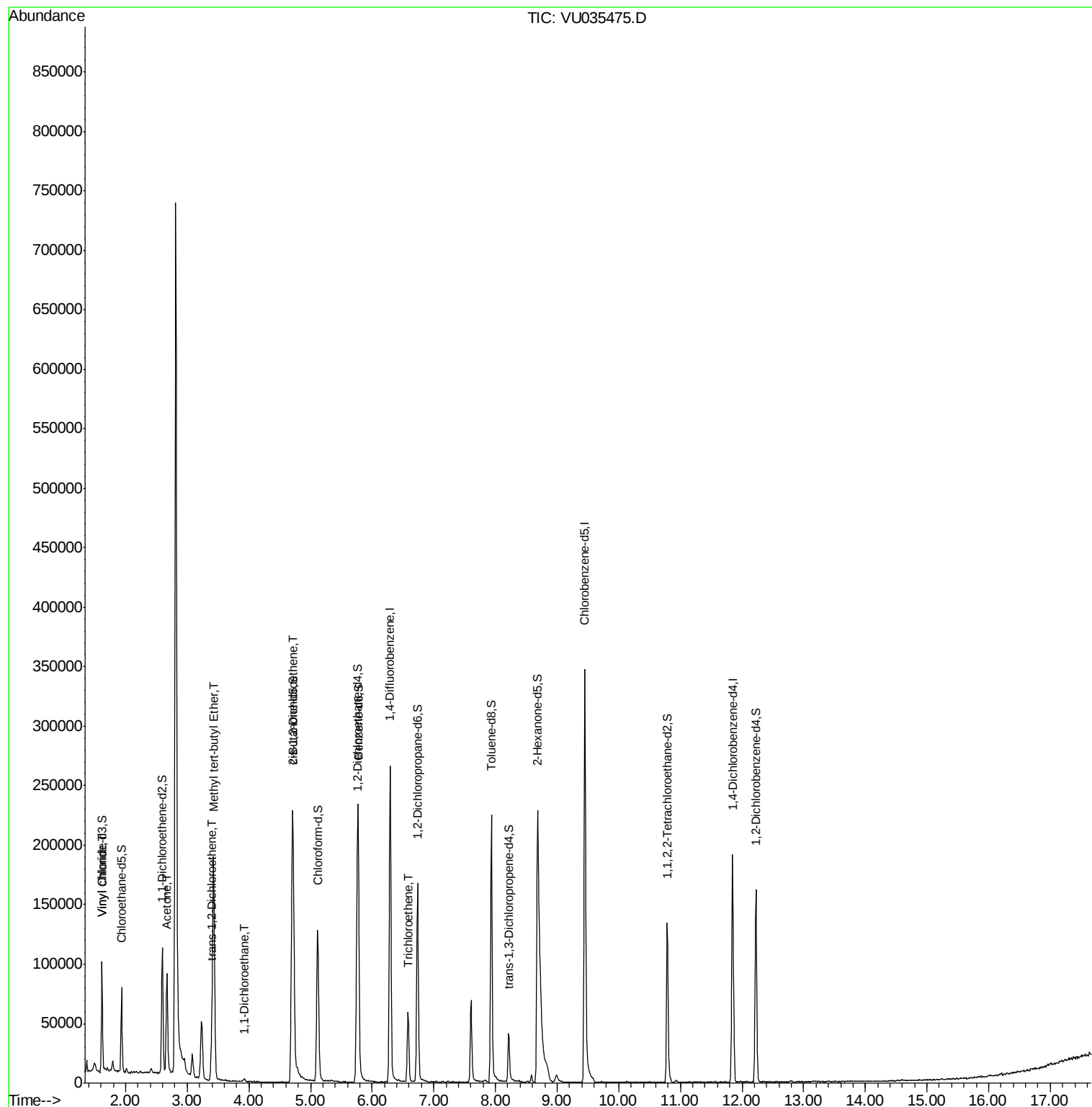
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	16098	0.864	ug/L	# 69
13) Acetone	2.67	43	96153	36.725	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	195520	5.264	ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	7923	0.532	ug/L	89
19) 1,1-Dichloroethane	3.92	63	2563	0.095	ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	55959	3.399	ug/L	96
34) Trichloroethene	6.58	95	19915	1.125	ug/L	91

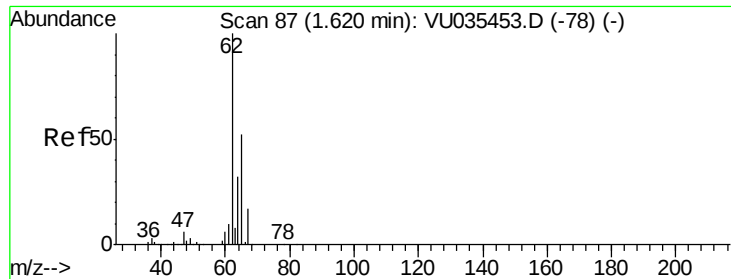
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration





#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 :

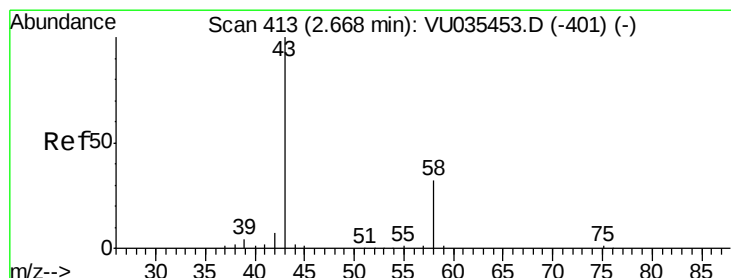
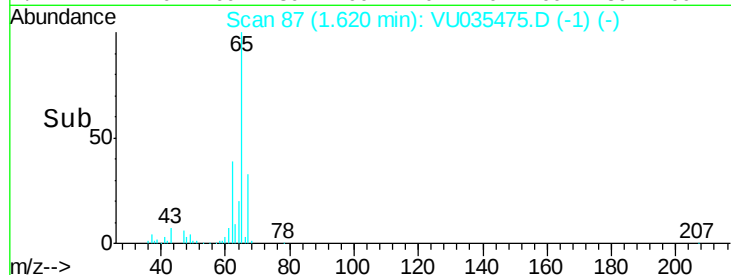
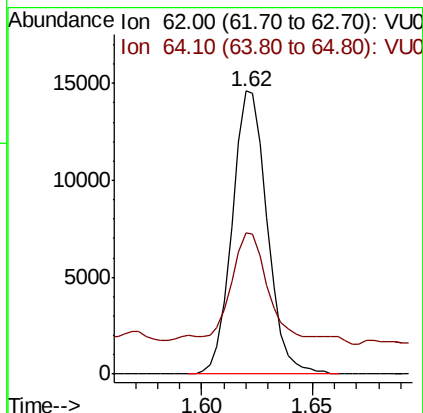
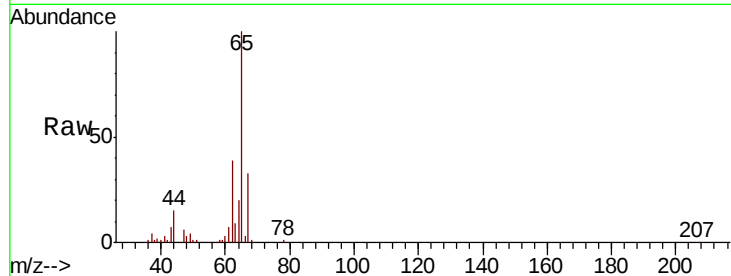
H0G47DL

Tot 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

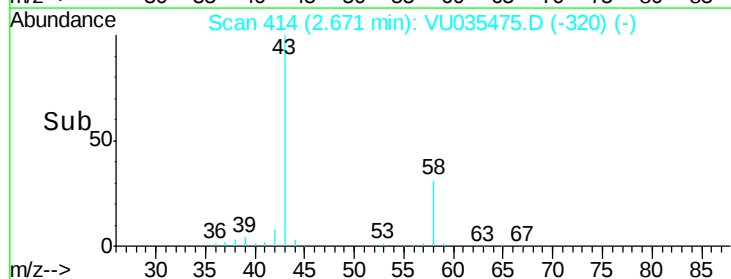
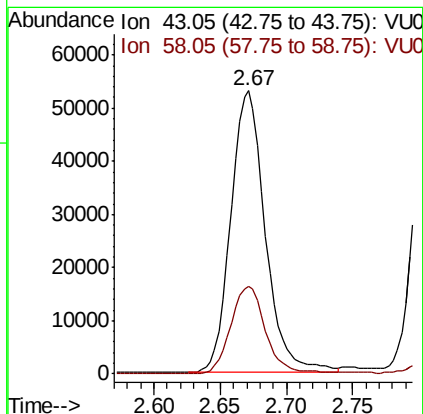
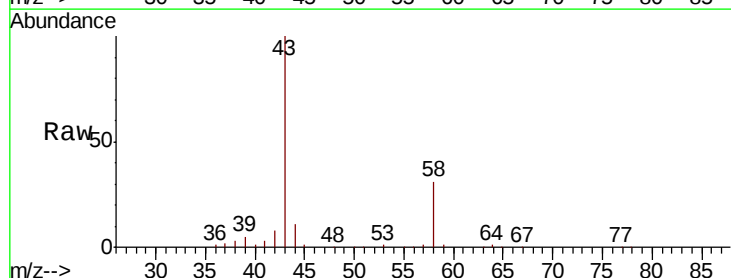
Acq: 24 Oct 2019 21:51

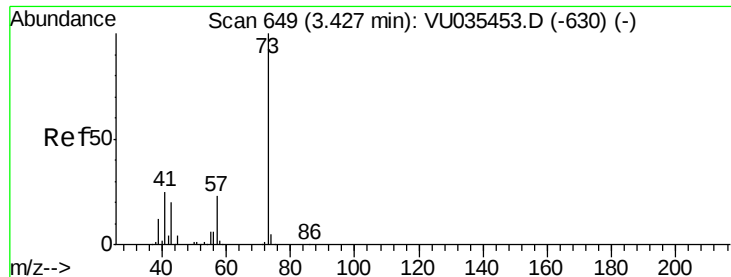
Tgt Ion: 43 Resp: 96153

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.8

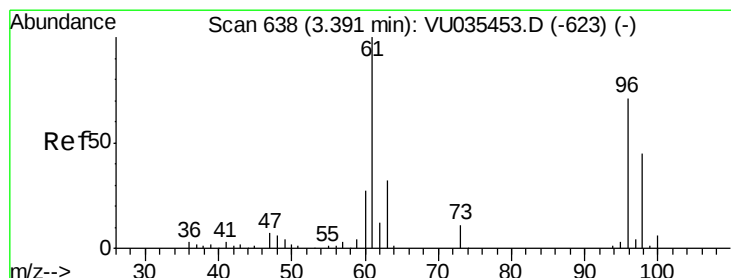
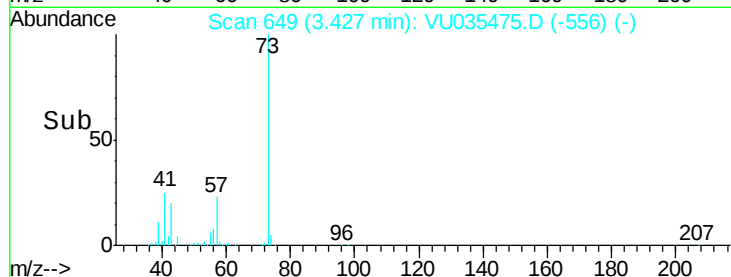
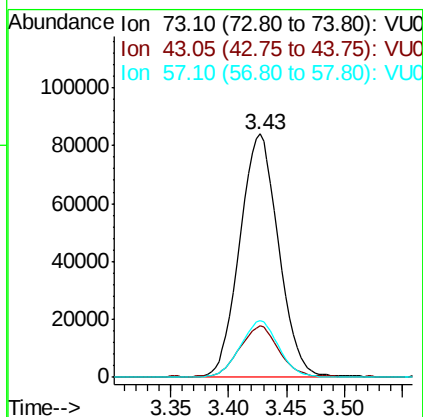
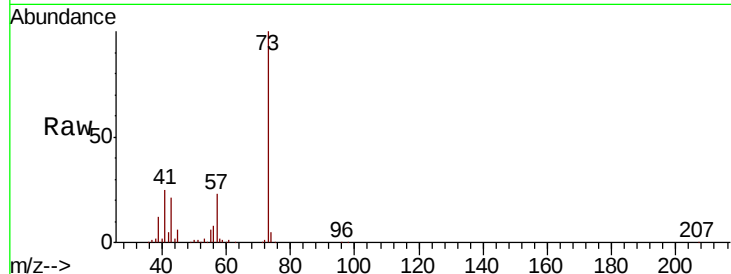




#17
Methvl tert-butvl Ether
Concen: 5.264 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035475.D
Acq: 24 Oct 2019 21:51

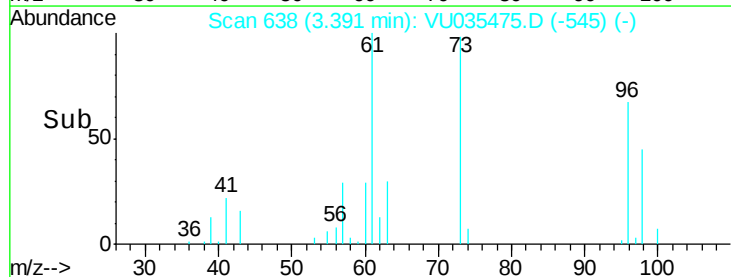
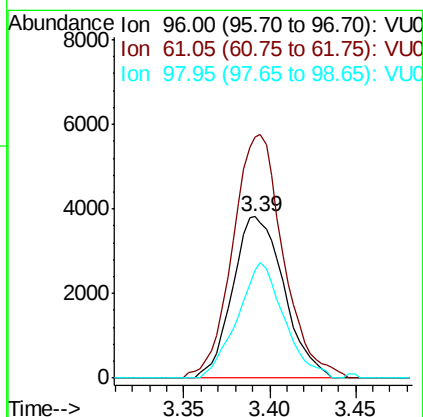
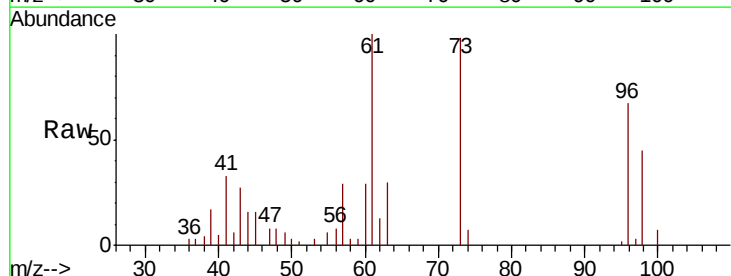
Instrument :
MSVOA_U
ClientSampled :
H0G47DL

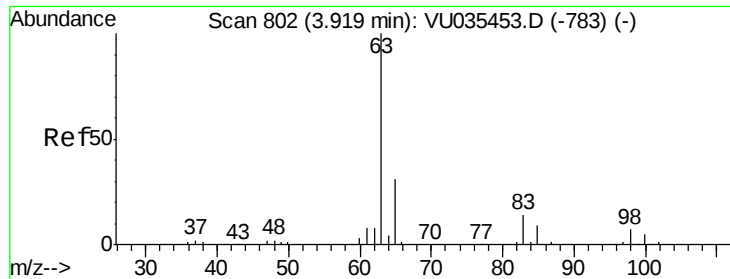
Tot Ion: 73 Resp: 195520
Ion Ratio Lower Upper
73 100
43 21.1 16.0 24.0
57 23.1 17.4 26.2



#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

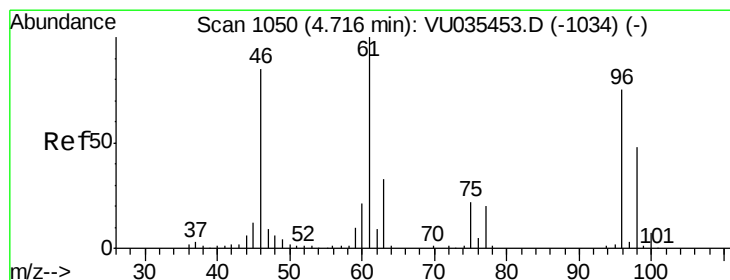
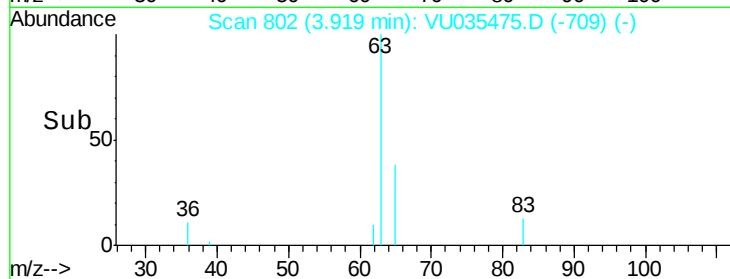
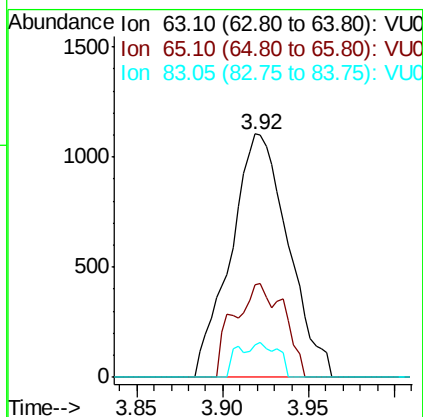
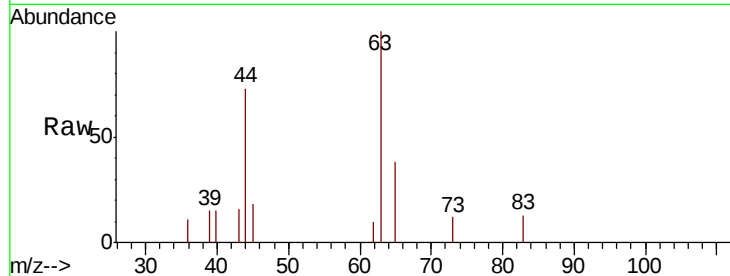




#19
 1,1-Dichloroethane
 Concen: 0.095 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035475.D
 Acq: 24 Oct 2019 21:51

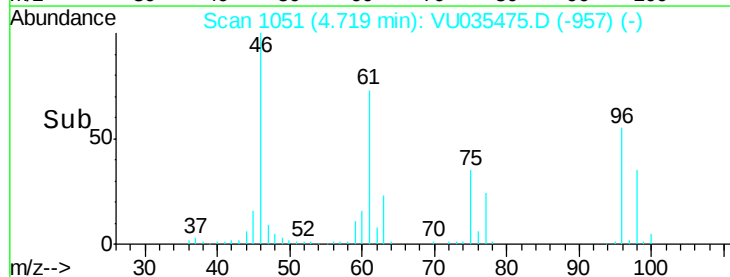
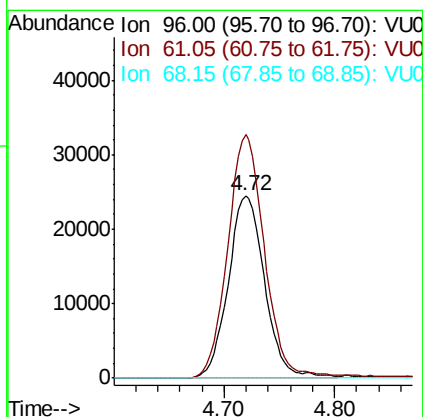
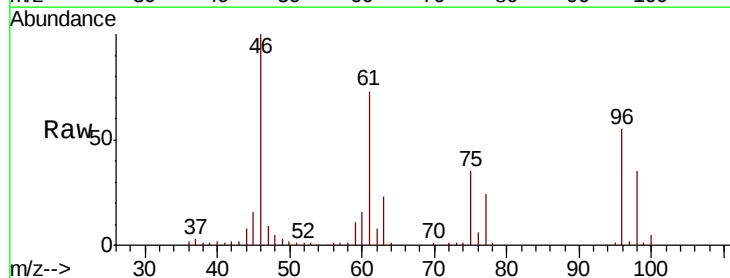
Instrument :
 MSVOA_U
 ClientSampleId :
 H0G47DL

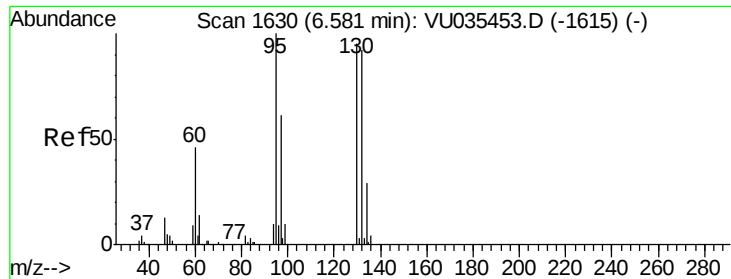
Tot Ion: 63 Resp: 2563
 Ion Ratio Lower Upper
 63 100
 65 37.8 22.4 41.6
 83 13.5 9.3 17.3



#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





#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

Instrument :

MSVOA_U

ClientSampleId :

H0G47DL

Tot Ion: 95 Resp: 19915

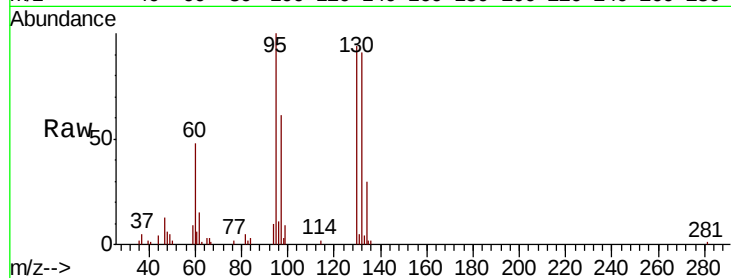
Ion Ratio Lower Upper

95 100

97 61.0 46.6 86.6

132 90.6 68.7 127.7

130 94.0 73.9 137.3



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

