

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035382.D
 Acq On : 22 Oct 2019 22:56
 Operator : JC/SP
 Sample : K5461-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G04

Quant Time: Oct 23 09:06:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	229855	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	231411	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112433	8.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	160.40%#
7) Chloroethane-d5	1.93	69	98224	7.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	153.40%#
11) 1,1-Dichloroethene-d2	2.59	63	143115	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.40%
20) 2-Butanone-d5	4.71	46	254870	63.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.56%
24) Chloroform-d	5.11	84	171594	6.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.00%#
26) 1,2-Dichloroethane-d4	5.75	65	97439	6.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	137.40%#
32) Benzene-d6	5.77	84	354727	6.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	134.00%#
36) 1,2-Dichloropropane-d6	6.74	67	116175	6.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	138.20%
41) Toluene-d8	7.93	98	298035	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
43) trans-1,3-Dichloropropene-	8.22	79	38799	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.68	63	187426	52.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94731	6.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.60%#
64) 1,2-Dichlorobenzene-d4	12.22	152	102098	6.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.40%#

Target Compounds

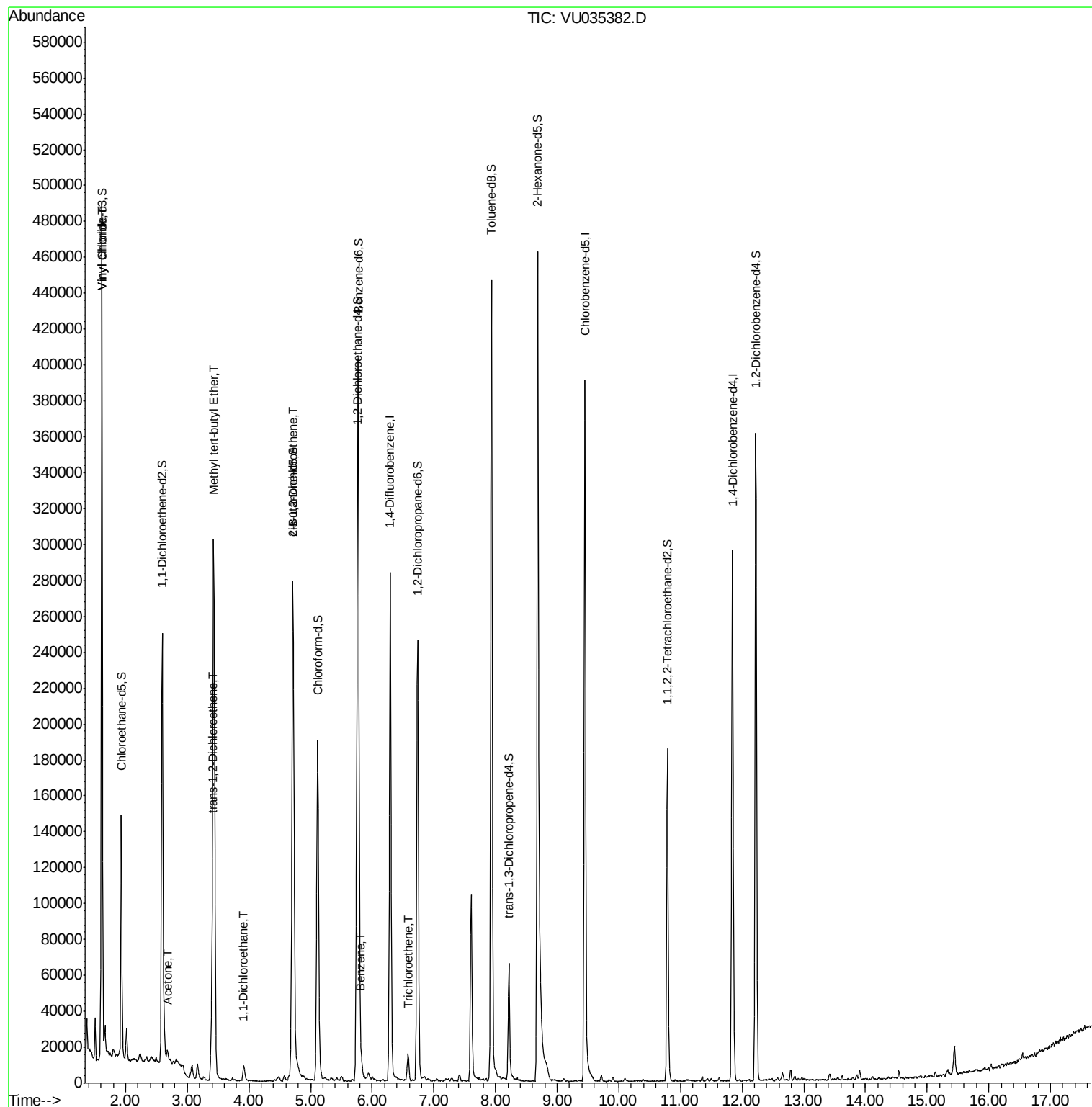
					Ovalue
5) Vinyl chloride	1.62	62	184825	9.274	ug/L 99
13) Acetone	2.68	43	8643	3.085	ug/L 86
17) Methyl tert-butyl Ether	3.43	73	331169	8.333	ug/L 98
18) trans-1,2-Dichloroethene	3.40	96	8319	0.522	ug/L 95
19) 1,1-Dichloroethane	3.92	63	8959	0.311	ug/L 88
22) cis-1,2-Dichloroethene	4.72	96	70920	4.026	ug/L 95
33) Benzene	5.82	78	9024	0.133	ug/L 100
34) Trichloroethene	6.58	95	4193	0.229	ug/L 95

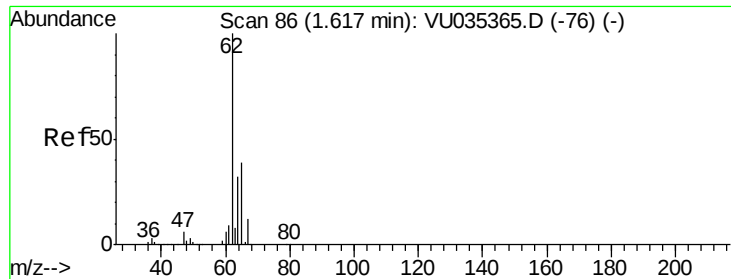
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.274 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035382.D

Acq: 22 Oct 2019 22:56

Instrument :

MSVOA_U

ClientSampleId :

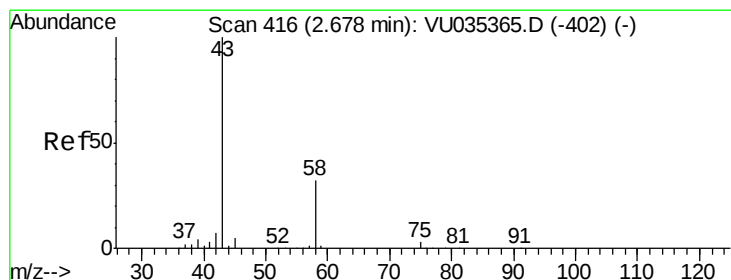
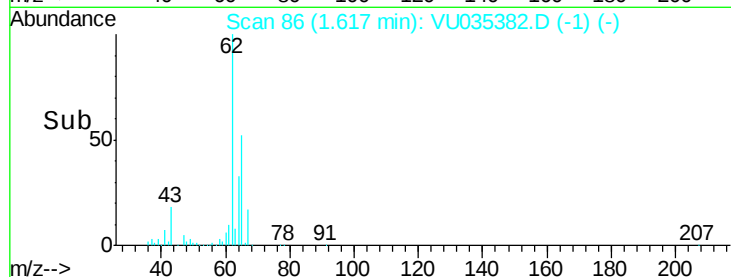
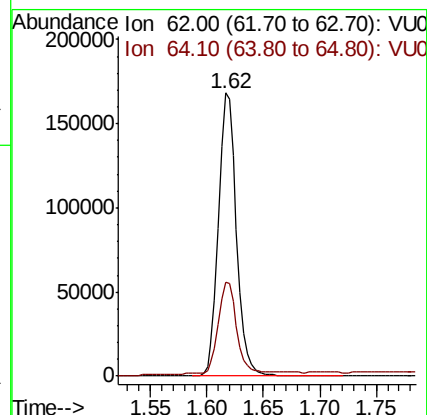
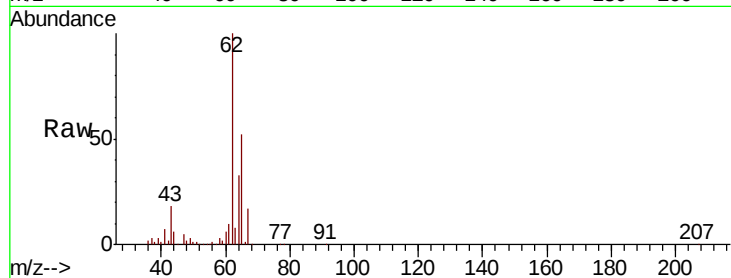
H0G04

Tot Ion: 62 Resp: 184825

Ion Ratio Lower Upper

62 100

64 33.1 22.9 42.5



#13

Acetone

Concen: 3.085 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU035382.D

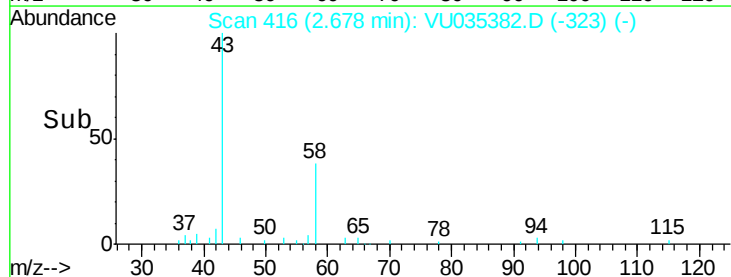
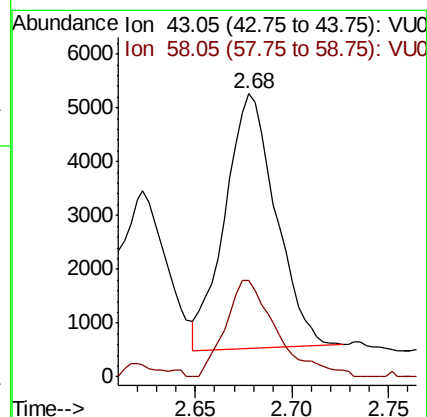
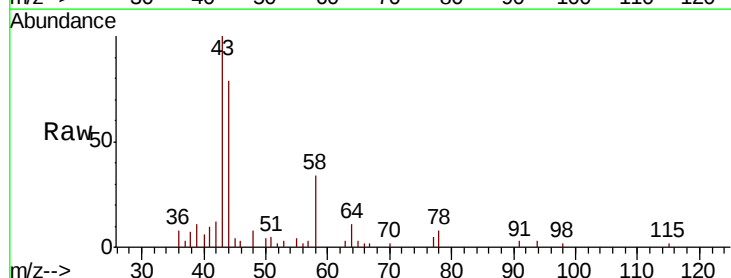
Acq: 22 Oct 2019 22:56

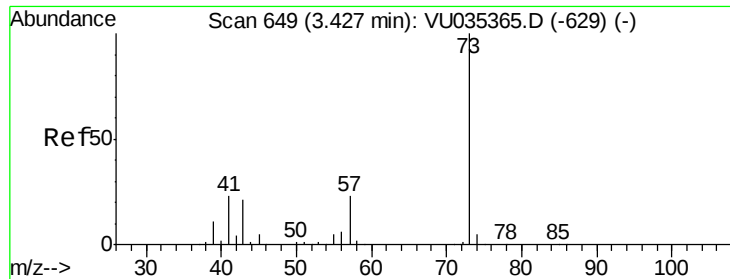
Tgt Ion: 43 Resp: 8643

Ion Ratio Lower Upper

43 100

58 38.5 0.0 61.8

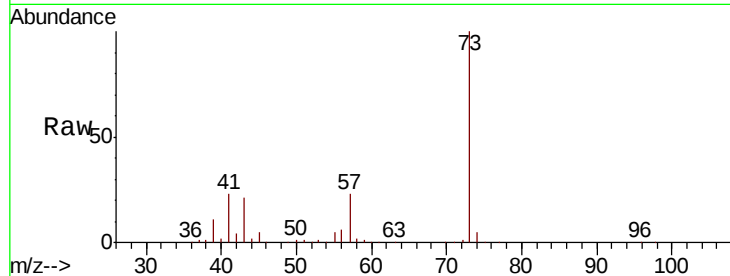




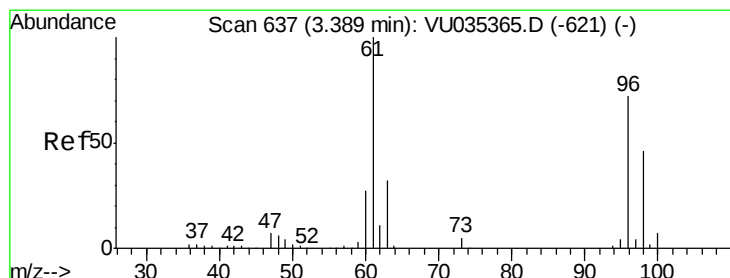
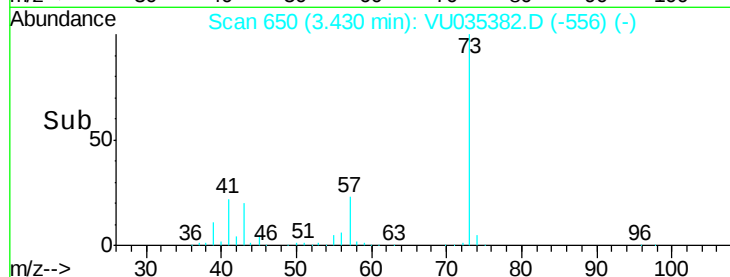
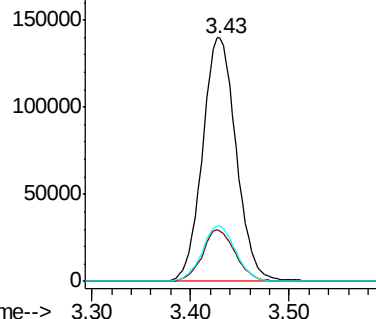
#17
Methvl tert-butvl Ether
Concen: 8.333 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035382.D
Acq: 22 Oct 2019 22:56

Instrument :
MSVOA_U
ClientSampleId :
H0G04

Tot Ion: 73 Resp: 331169
Ion Ratio Lower Upper
73 100
43 20.4 16.0 24.0
57 23.0 17.4 26.2

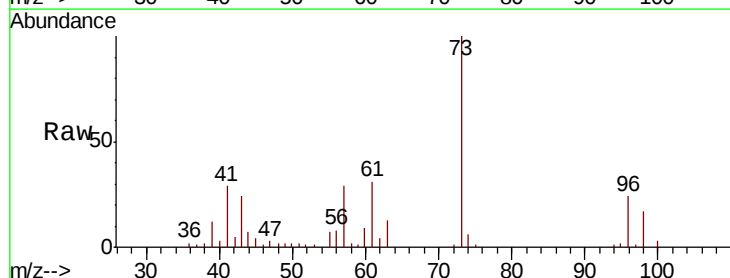


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

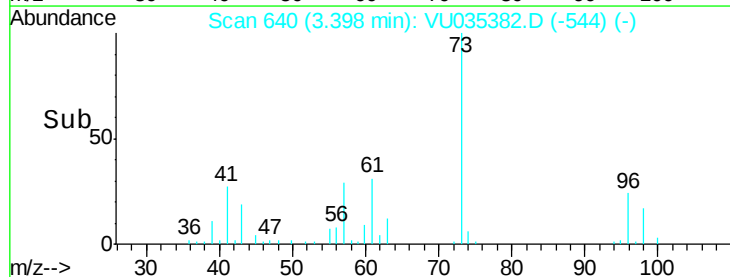
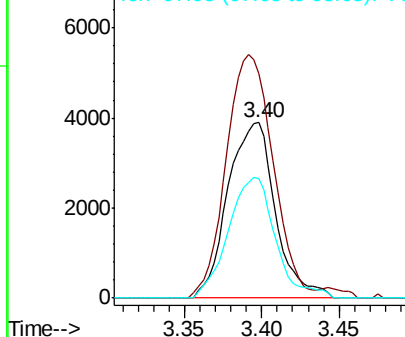


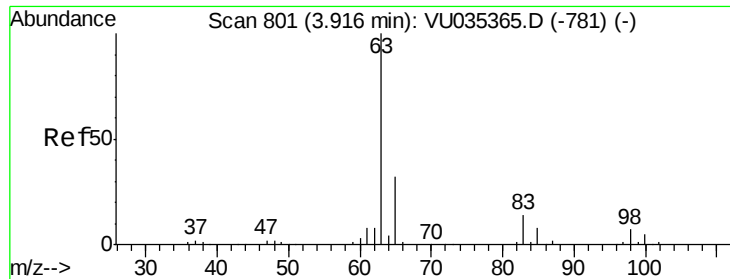
#18
trans-1,2-Dichloroethene
Concen: 0.522 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: VU035382.D
Acq: 22 Oct 2019 22:56

Tgt Ion: 96 Resp: 8319
Ion Ratio Lower Upper
96 100
61 127.6 93.0 172.6
98 68.3 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

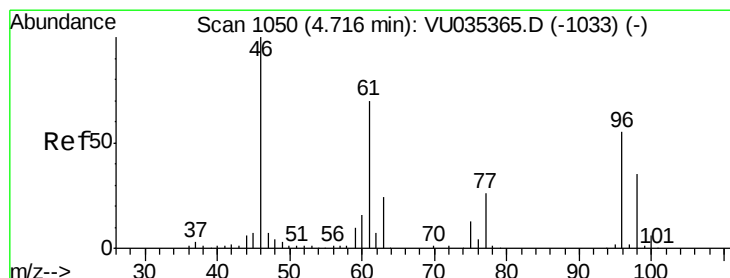
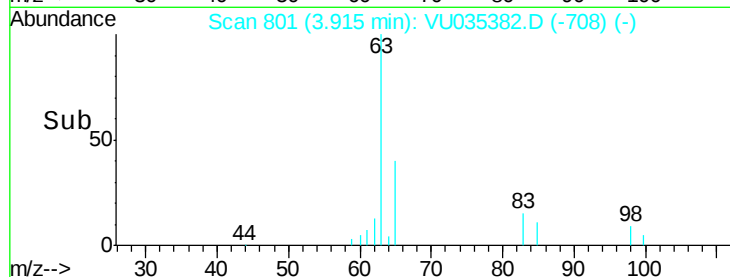
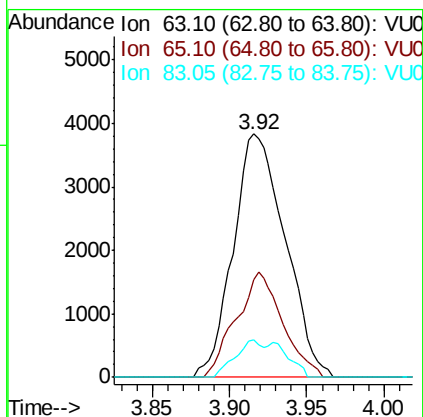
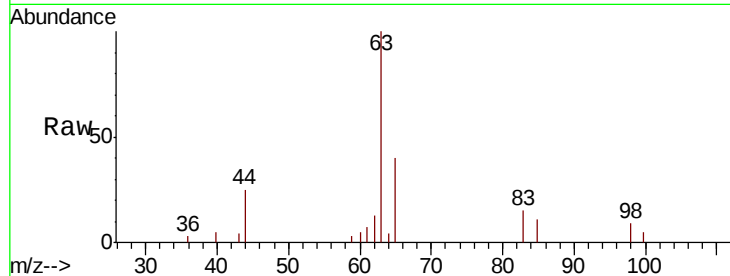




#19
 1,1-Dichloroethane
 Concen: 0.311 ug/L
 RT: 3.92 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VU035382.D
 Acq: 22 Oct 2019 22:56

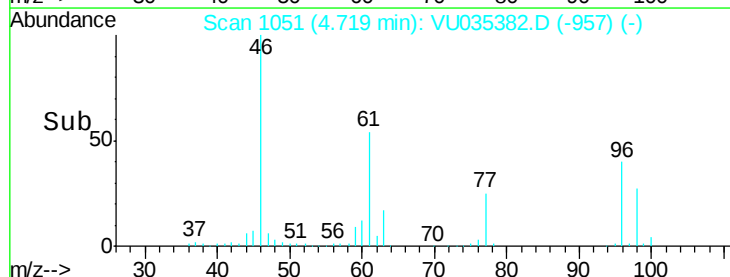
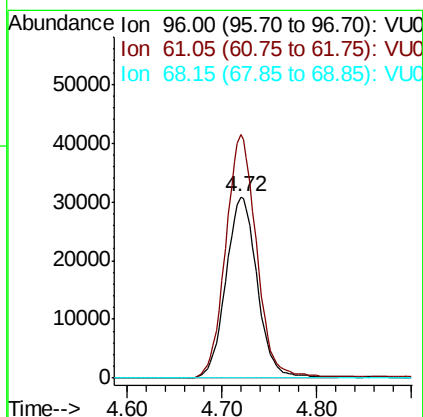
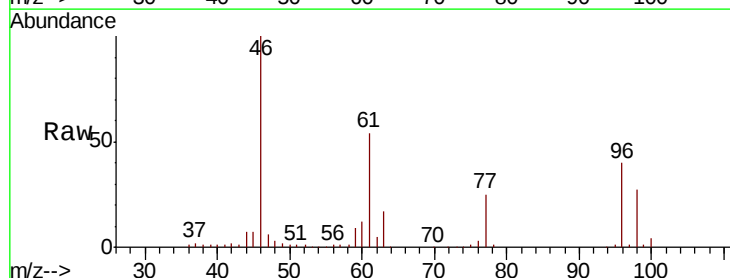
Instrument :
 MSVOA_U
 ClientSampleId :
 H0G04

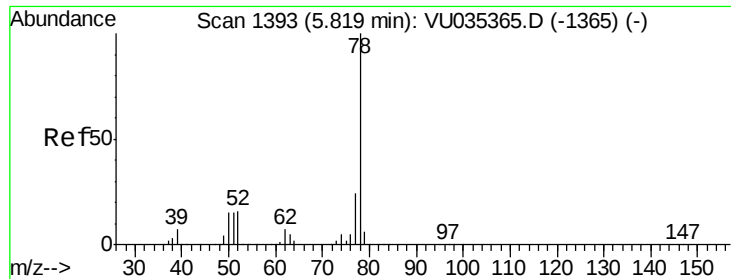
Tot Ion: 63 Resp: 8959
 Ion Ratio Lower Upper
 63 100
 65 40.2 22.4 41.6
 83 15.3 9.3 17.3



#22
 cis-1,2-Dichloroethene
 Concen: 4.026 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035382.D
 Acq: 22 Oct 2019 22:56

Tgt Ion: 96 Resp: 70920
 Ion Ratio Lower Upper
 96 100
 61 134.3 89.7 166.5
 68 0.0 0.0 0.0

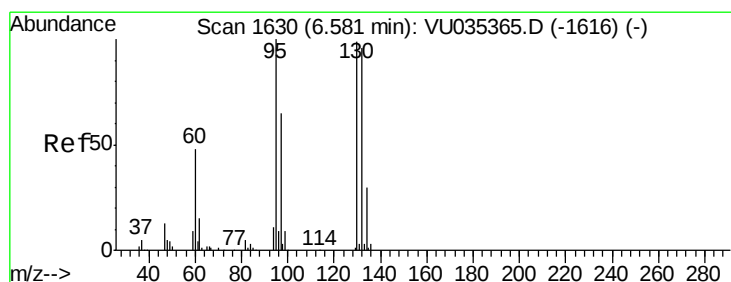
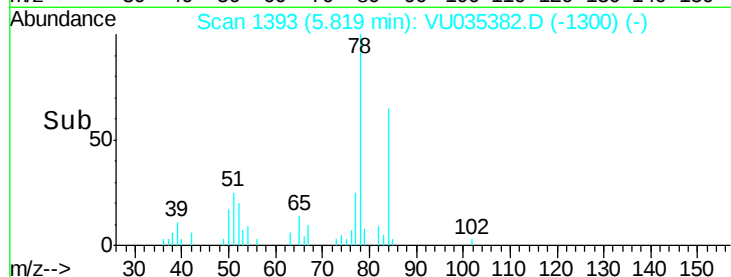
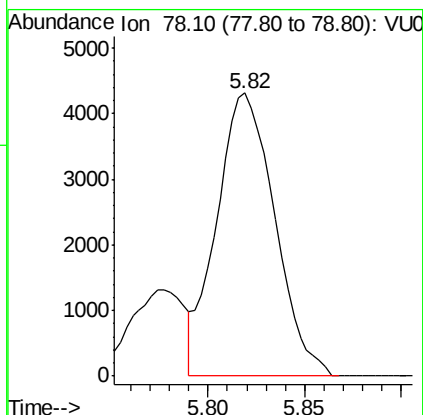
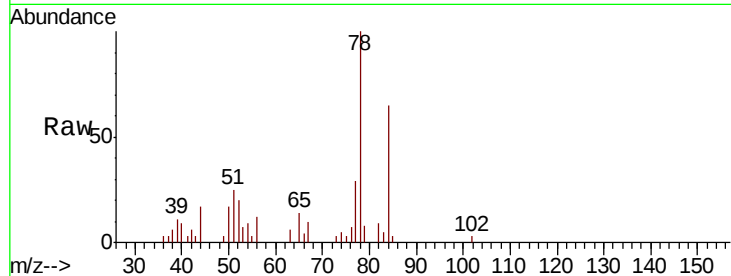




#33
Benzene
Concen: 0.133 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. -0.00 min
Lab File: VU035382.D
Acq: 22 Oct 2019 22:56

Tgt Ion: 78 Resp: 9024

Instrument :
MSVOA_U
ClientSampleId :
H0G04



#34
Trichloroethene
Concen: 0.229 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035382.D
Acq: 22 Oct 2019 22:56

Tgt Ion: 95 Resp: 4193

Ion	Ratio	Lower	Upper
95	100		
97	60.4	46.6	86.6
132	94.9	68.7	127.7
130	100.9	73.9	137.3

