

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039333.D
 Acq On : 07 Jul 2020 22:37
 Operator : SY/MD
 Sample : L3193-12DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4277DL

Quant Time: Jul 08 02:52:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	116610	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109268	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36819	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.92	69	59835	8.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	173.00%#
11) 1,1-Dichloroethene-d2	2.57	63	60389	4.54	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.66	46	188818	61.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.12%
24) Chloroform-d	5.08	84	82963	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.72	65	52327	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.74	84	165606	6.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.00%#
36) 1,2-Dichloropropane-d6	6.71	67	55902	6.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.00%
41) Toluene-d8	7.91	98	143406	6.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.80%
43) trans-1,3-Dichloropropene-	8.19	79	23731	5.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.20%
46) 2-Hexanone-d5	8.65	63	149605	61.80	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.60%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	52595	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	57127	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

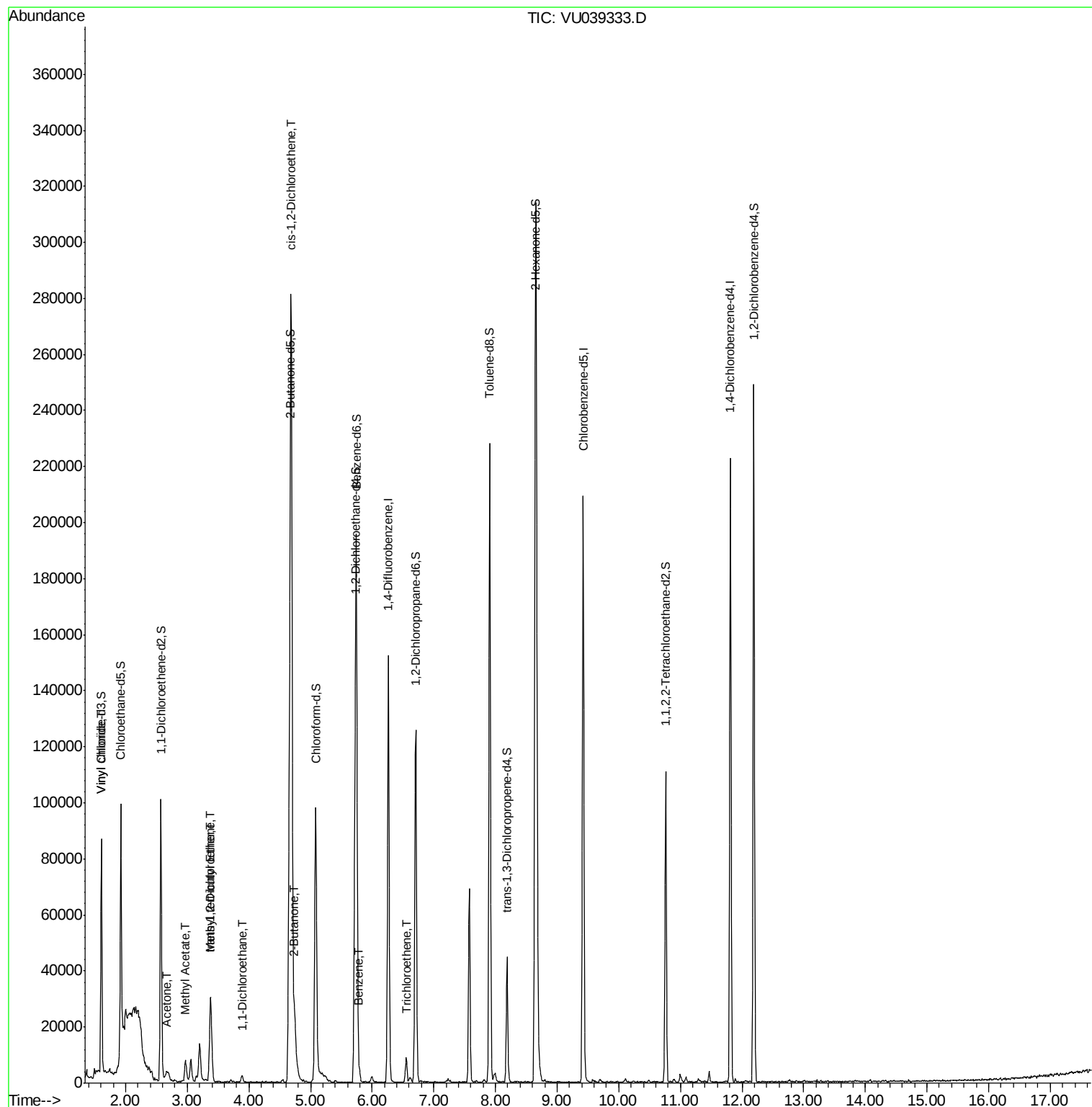
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	17957	1.889	ug/L	91
13) Acetone	2.66	43	5338	3.198	ug/L	98
15) Methyl Acetate	2.97	43	11269	2.556	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	27011	1.236	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	3694	0.481	ug/L	97
19) 1,1-Dichloroethane	3.89	63	3175	0.211	ug/L	97
21) 2-Butanone	4.74	43	35891	12.047	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	107836	12.526	ug/L	95
33) Benzene	5.79	78	3698	0.113	ug/L	100
34) Trichloroethene	6.56	95	2871	0.340	ug/L	94

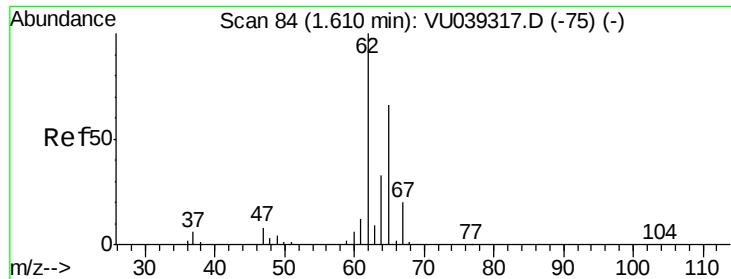
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.889 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039333.D

Acq: 07 Jul 2020 22:37

Instrument :

MSVOA_U

ClientSampleId :

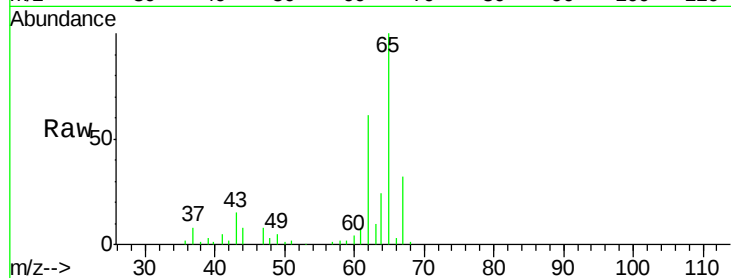
H4277DL

Tot Ion: 62 Resp: 17957

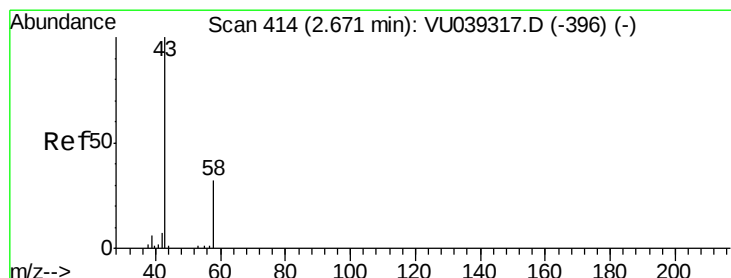
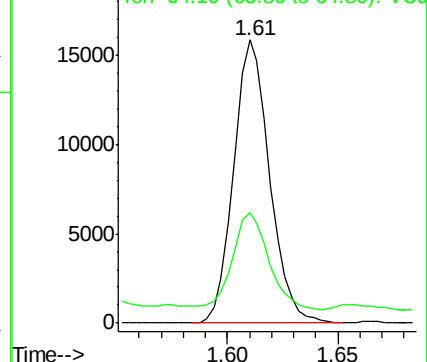
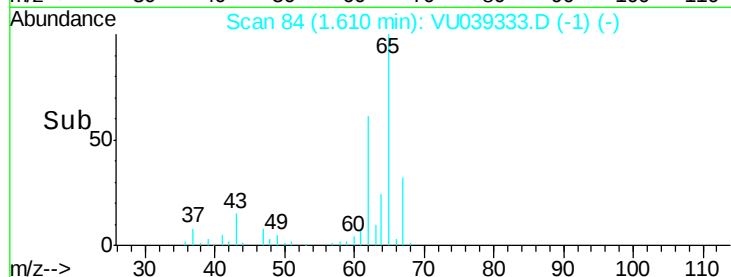
Ion Ratio Lower Upper

62 100

64 39.3 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU039333.D (-1) (-)



#13

Acetone

Concen: 3.198 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU039333.D

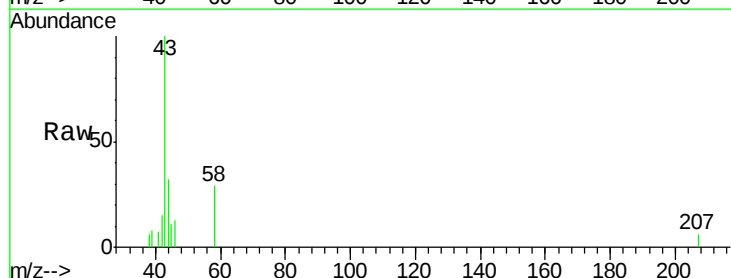
Acq: 07 Jul 2020 22:37

Tgt Ion: 43 Resp: 5338

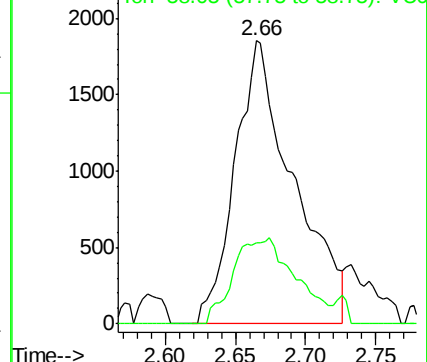
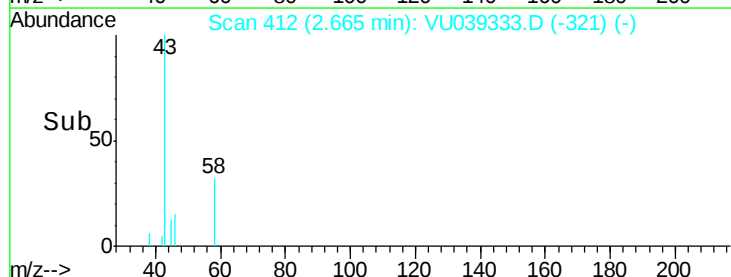
Ion Ratio Lower Upper

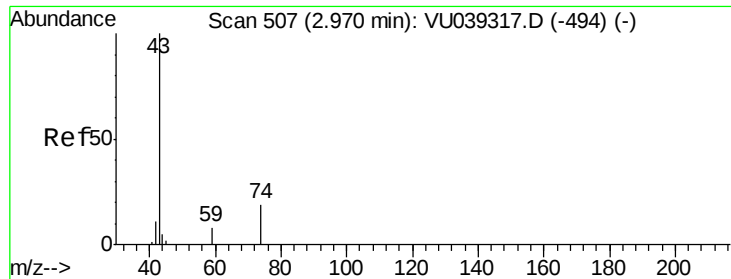
43 100

58 32.3 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039333.D (-321) (-)

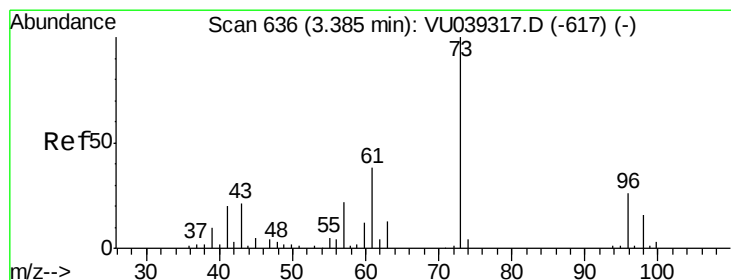
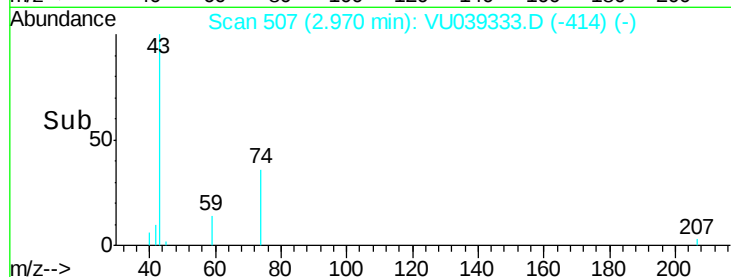
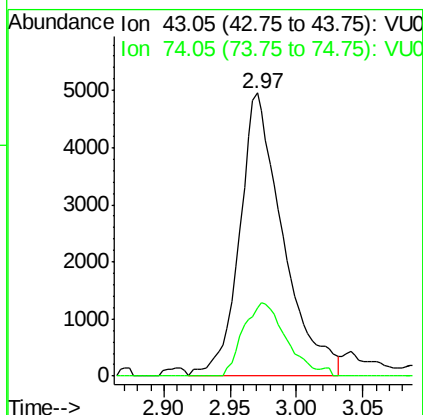
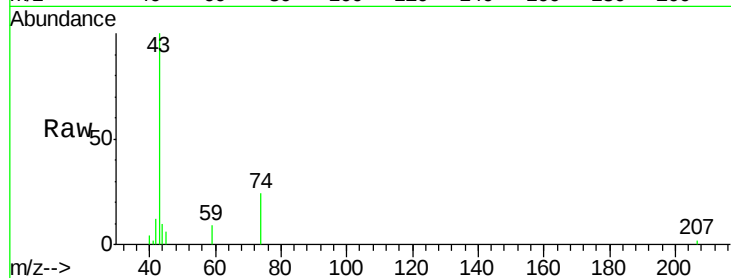




#15
Methyl Acetate
Concen: 2.556 ug/L
RT: 2.97 min Scan# 507
Delta R.T. 0.00 min
Lab File: VU039333.D
Acq: 07 Jul 2020 22:37

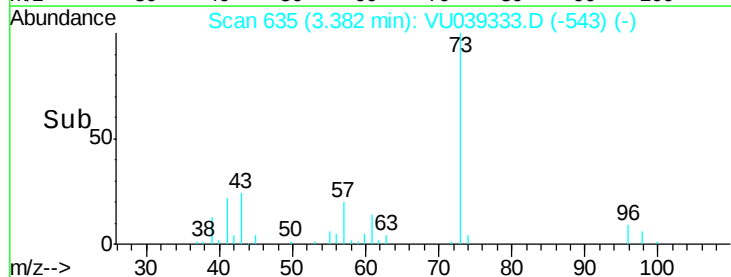
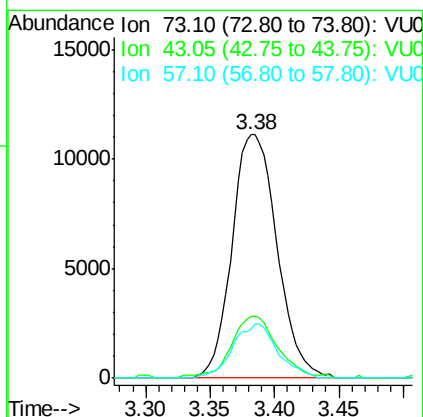
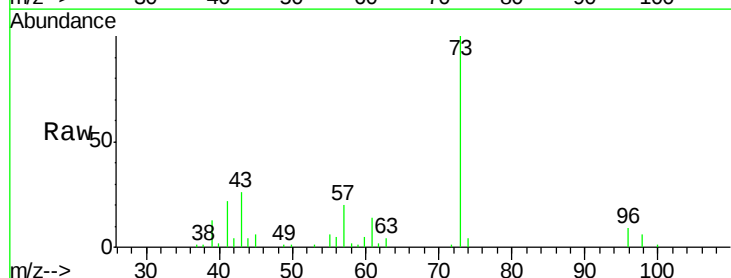
Instrument :
MSVOA_U
ClientSampled :
H4277DL

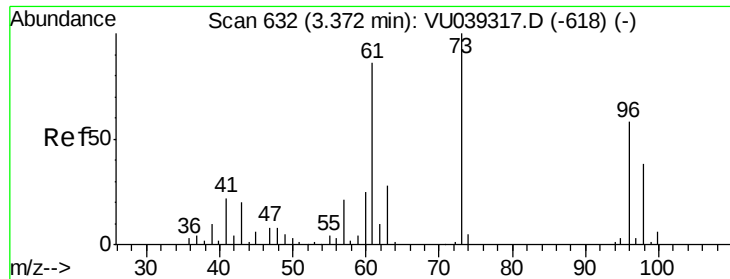
Tot Ion: 43 Resp: 11269
Ion Ratio Lower Upper
43 100
74 25.4 18.7 28.1



#17
Methyl tert-butyl Ether
Concen: 1.236 ug/L
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU039333.D
Acq: 07 Jul 2020 22:37

Tgt Ion: 73 Resp: 27011
Ion Ratio Lower Upper
73 100
43 26.3 18.6 28.0
57 22.3 17.9 26.9

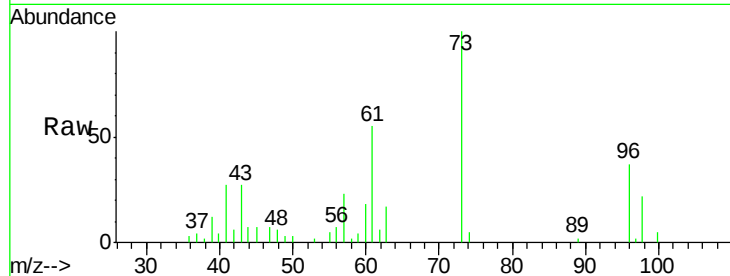




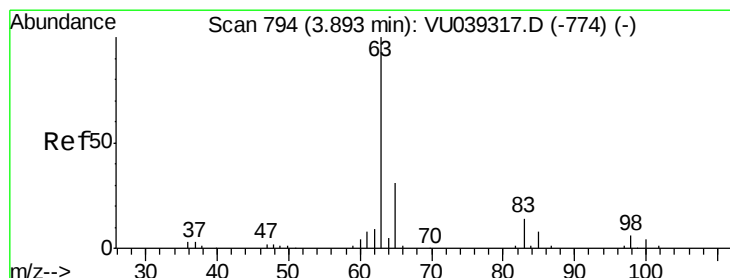
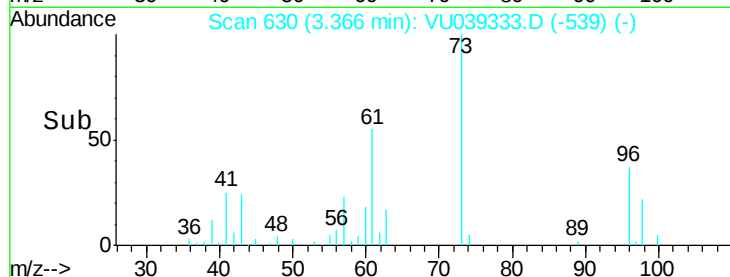
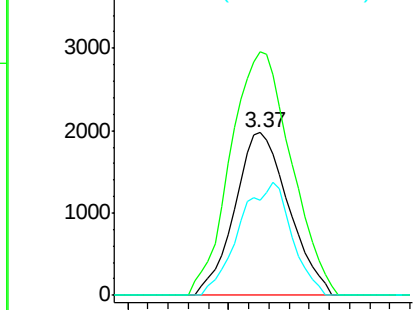
#18
 trans-1,2-Dichloroethene
 Concen: 0.481 ug/L
 RT: 3.37 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: VU039333.D
 Acq: 07 Jul 2020 22:37

Instrument :
 MSVOA_U
 ClientSampleId :
 H4277DL

Tot Ion: 96 Resp: 3694
 Ion Ratio Lower Upper
 96 100
 61 149.8 102.1 189.5
 98 58.9 42.5 78.9

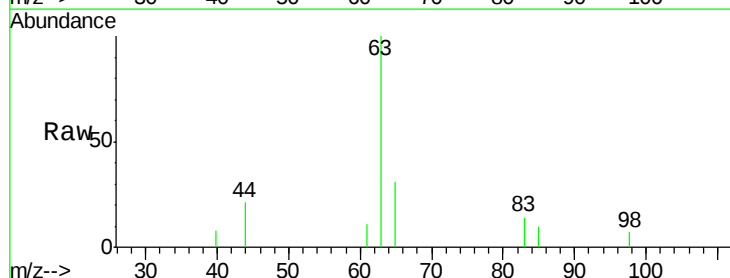


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0

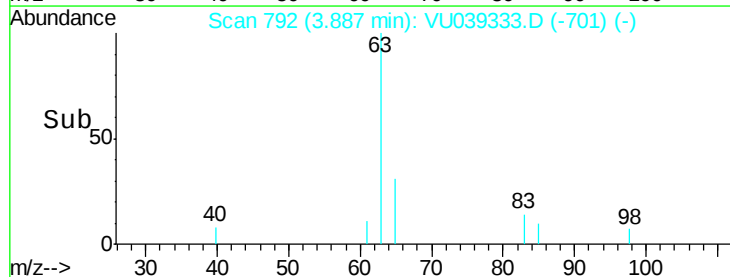
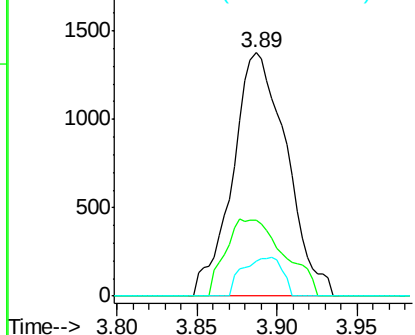


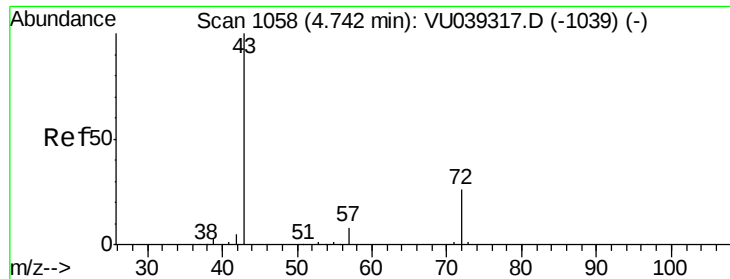
#19
 1,1-Dichloroethane
 Concen: 0.211 ug/L
 RT: 3.89 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: VU039333.D
 Acq: 07 Jul 2020 22:37

Tgt Ion: 63 Resp: 3175
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.0 42.6
 83 14.2 9.6 17.8



Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

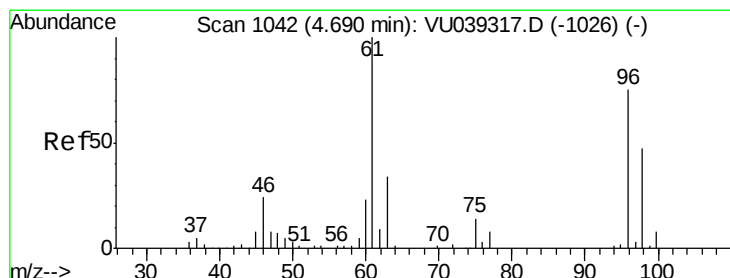
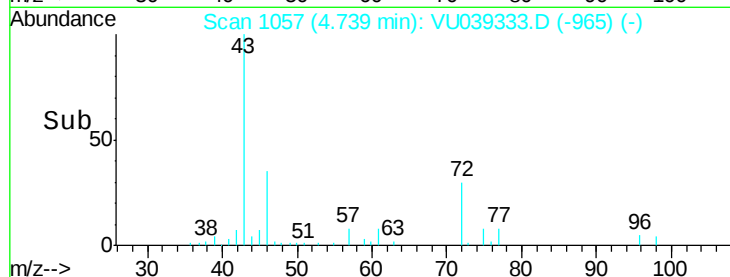
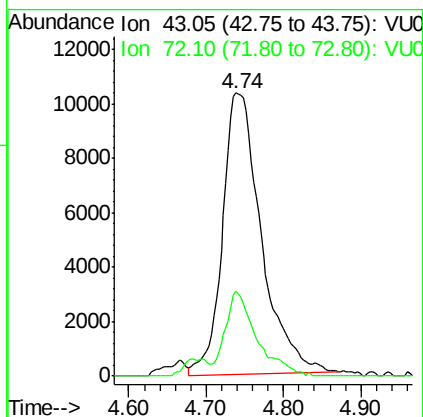
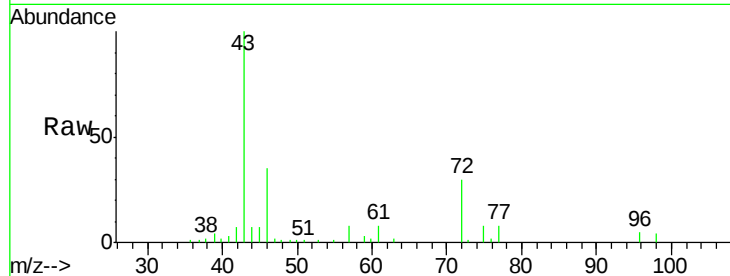




#21
2-Butanone
Concen: 12.047 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. -0.00 min
Lab File: VU039333.D
Acq: 07 Jul 2020 22:37

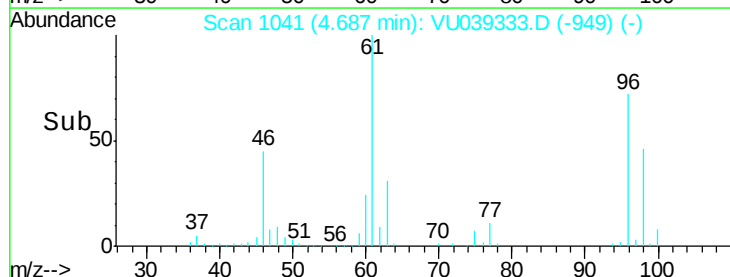
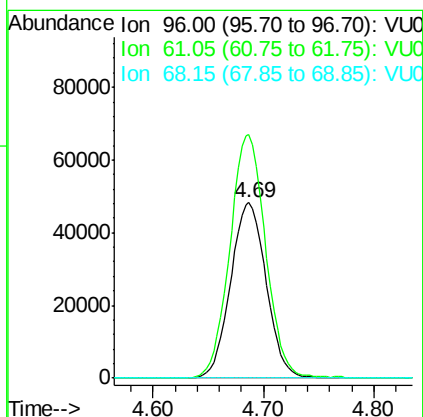
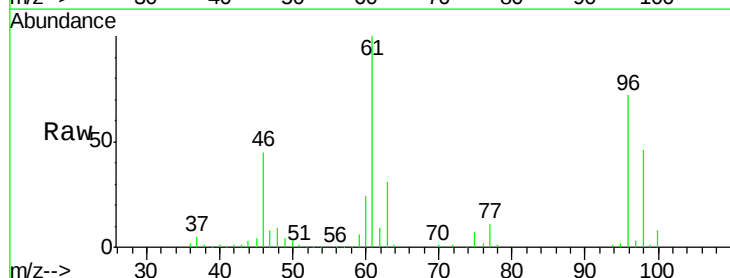
Instrument :
MSVOA_U
ClientSampled :
H4277DL

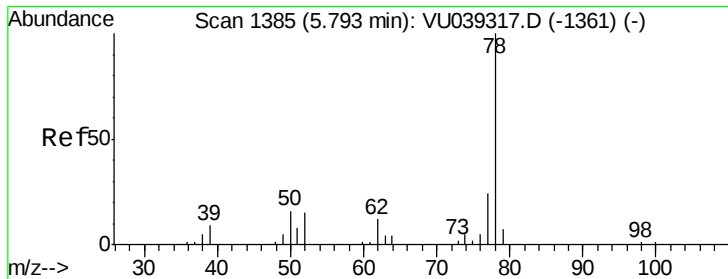
Tot Ion: 43 Resp: 35891
Ion Ratio Lower Upper
43 100
72 24.5 13.2 39.5



#22
cis-1,2-Dichloroethene
Concen: 12.526 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VU039333.D
Acq: 07 Jul 2020 22:37

Tgt Ion: 96 Resp: 107836
Ion Ratio Lower Upper
96 100
61 138.9 92.8 172.4
68 0.0 0.0 0.0





#33

Benzene

Concen: 0.113 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VU039333.D

Acq: 07 Jul 2020 22:37

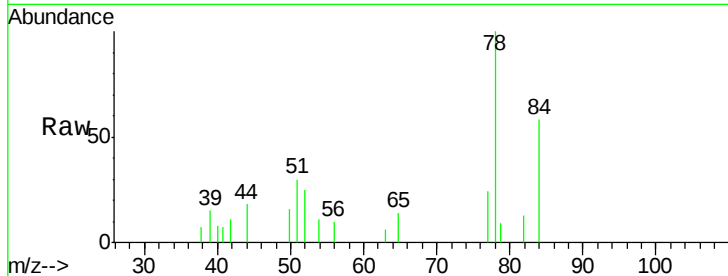
Instrument :

MSVOA_U

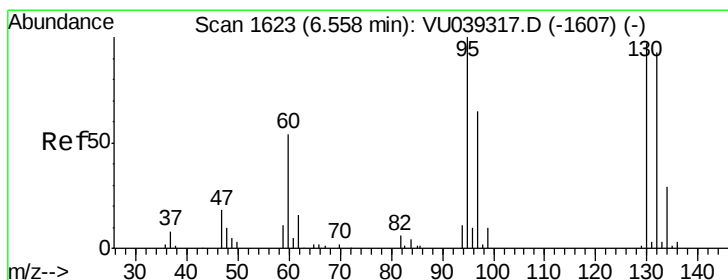
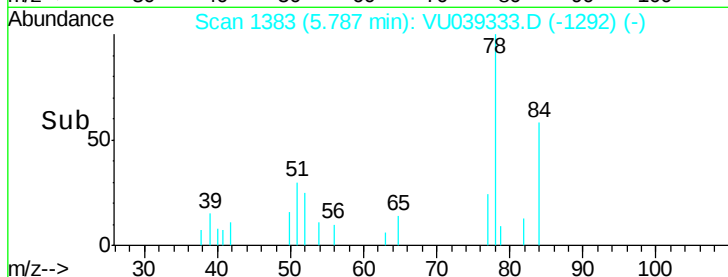
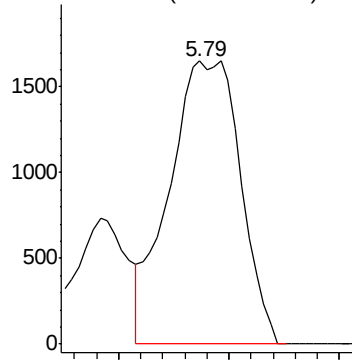
ClientSampleId :

H4277DL

Tgt Ion: 78 Resp: 3698



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.340 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VU039333.D

Acq: 07 Jul 2020 22:37

Tgt Ion: 95 Resp: 2871

Ion	Ratio	Lower	Upper
95	100		
97	68.7	46.3	85.9
132	87.4	64.0	118.8
130	100.0	64.3	119.5

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

