

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037962.D
 Acq On : 30 Apr 2020 19:57
 Operator : JC/MD
 Sample : PB128479TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 02:21:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	689380	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	679661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	306052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	258181	42.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.16%
7) Chloroethane-d5	1.93	69	219740	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.10%
11) 1,1-Dichloroethene-d2	2.59	63	318724	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	4.66	46	455935	96.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.20%
24) Chloroform-d	5.10	84	410996	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.74	65	291190	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
32) Benzene-d6	5.76	84	891036	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
36) 1,2-Dichloropropane-d6	6.72	67	294557	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.70%
41) Toluene-d8	7.92	98	815053	44.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.70%
43) trans-1,3-Dichloropropene-	8.20	79	137593	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
47) 2-Hexanone-d5	8.65	63	314708	108.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	415982	43.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.92%
64) 1,2-Dichlorobenzene-d4	12.20	152	289941	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%

Target Compounds

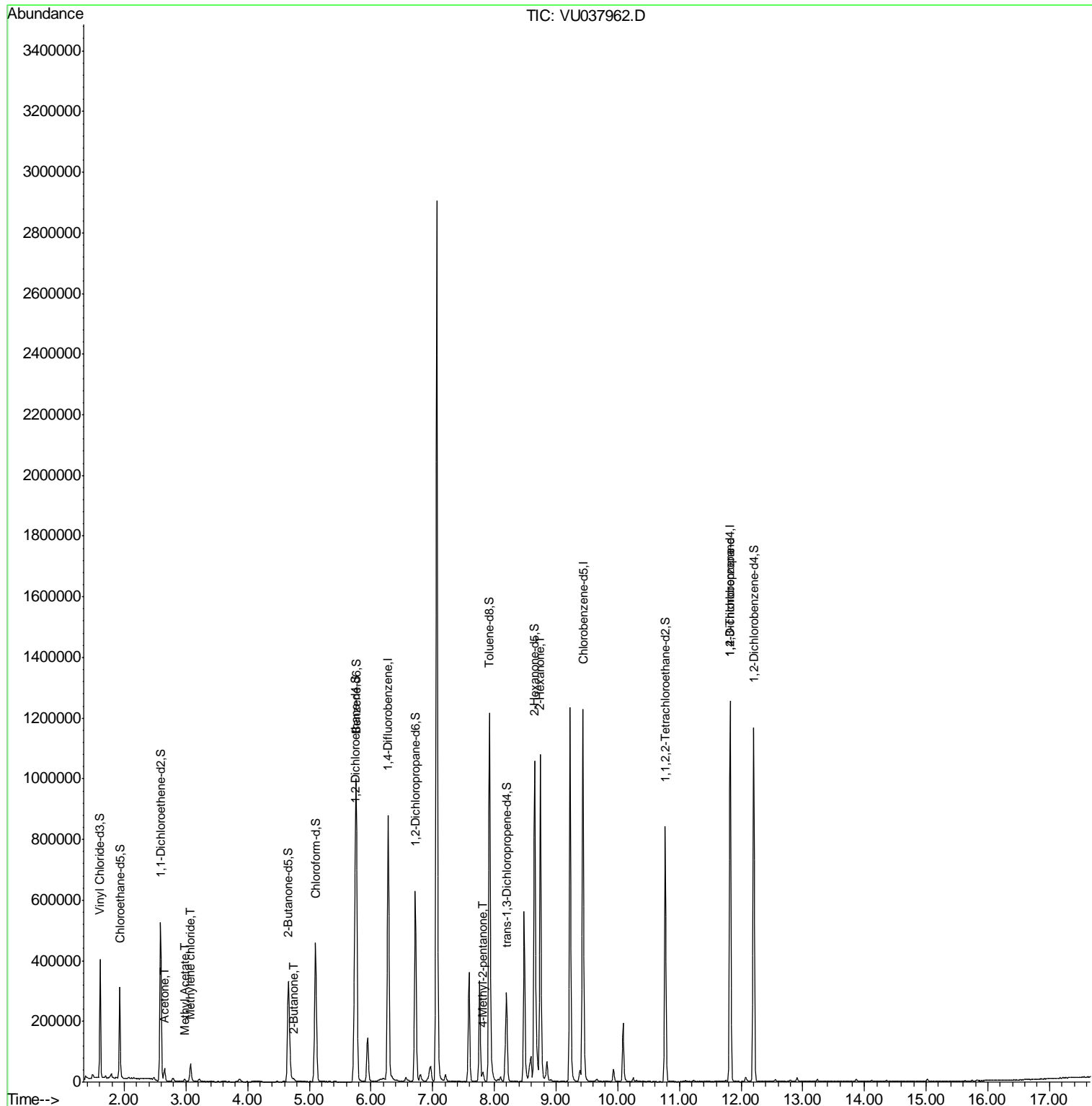
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	46128	15.111	ug/L	99
15) Methyl Acetate	2.98	43	8439	1.270	ug/L	98
16) Methylene chloride	3.08	84	26419	4.964	ug/L	98
22) 2-Butanone	4.75	43	9717	1.967	ug/L	87
40) 4-Methyl-2-pentanone	7.82	43	17828	1.937	ug/L	94
48) 2-Hexanone	8.74	43	158143	20.850	ug/L #	1
59) 1,2,3-Trichloropropane	11.83	75	43725	5.551	ug/L	93

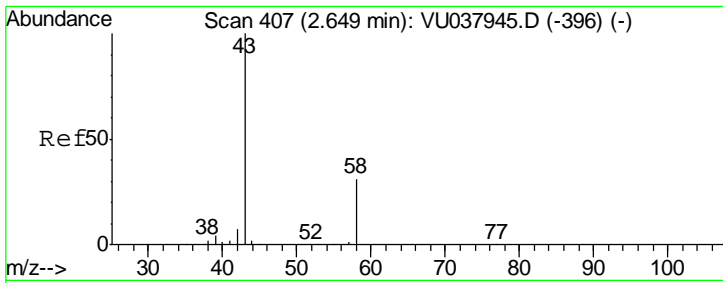
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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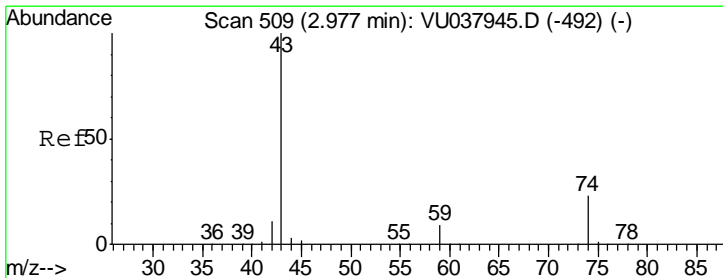
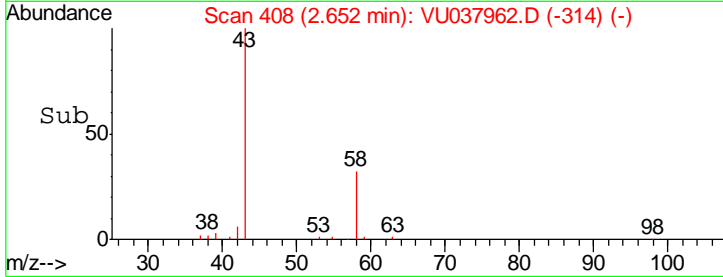
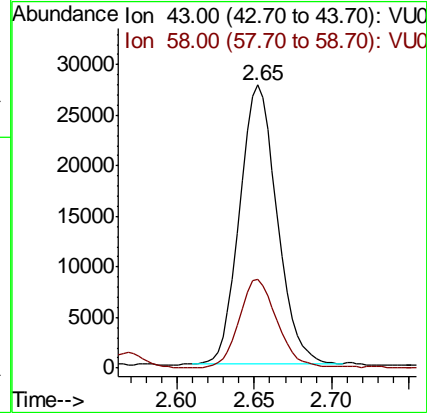
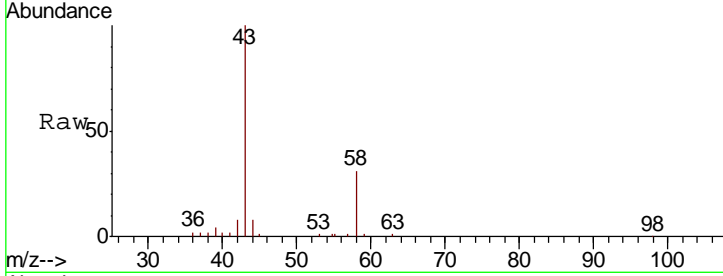




#13
 Acetone
 Concen: 15.111 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VU037962.D
 Acq: 30 Apr 2020 19:57

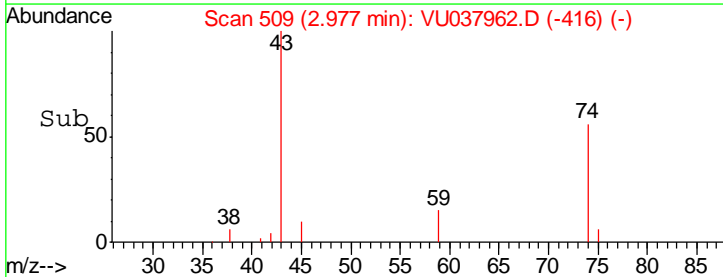
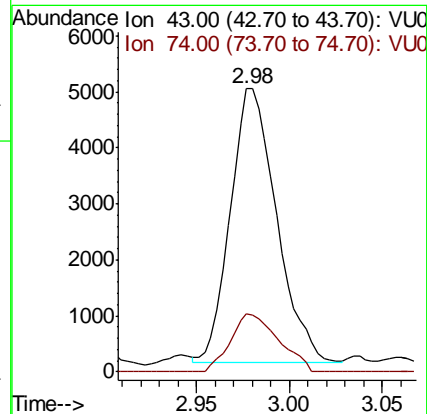
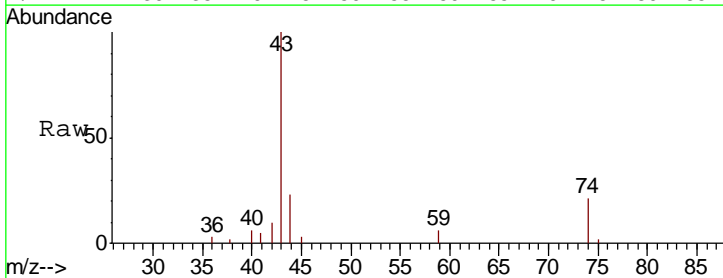
Instrument :
 MSVOA_U
 ClientSampled :

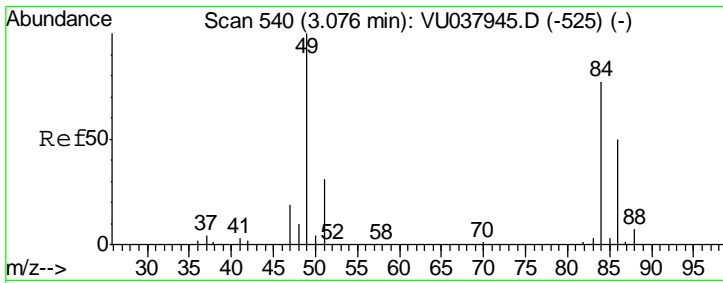
Tgt Ion	Resp	Lower	Upper
43	46128		
58	32.6	0.0	64.4



#15
 Methyl Acetate
 Concen: 1.270 ug/L
 RT: 2.98 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VU037962.D
 Acq: 30 Apr 2020 19:57

Tgt Ion	Resp	Lower	Upper
43	8439		
74	22.1	18.6	27.8

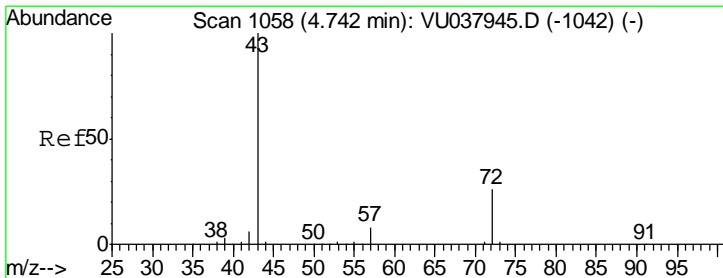
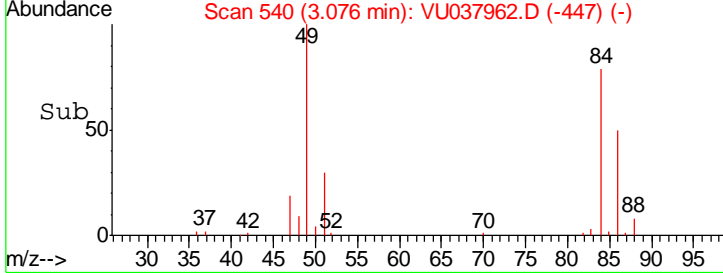
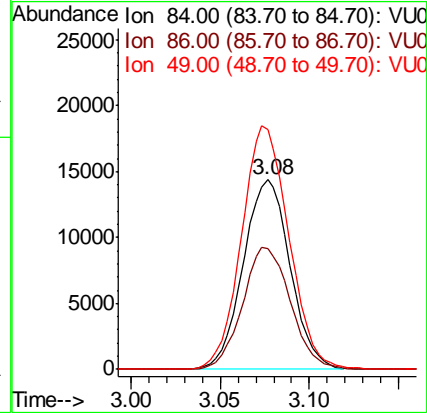
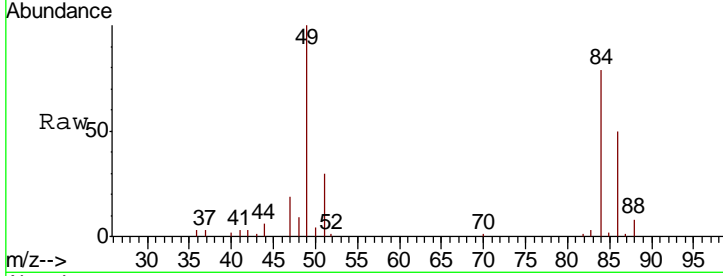




#16
 Methylene chloride
 Concen: 4.964 ug/L
 RT: 3.08 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VU037962.D
 Acq: 30 Apr 2020 19:57

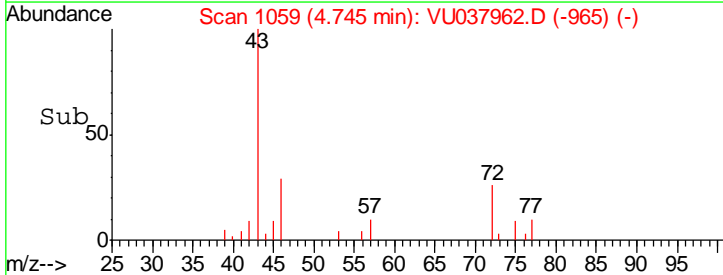
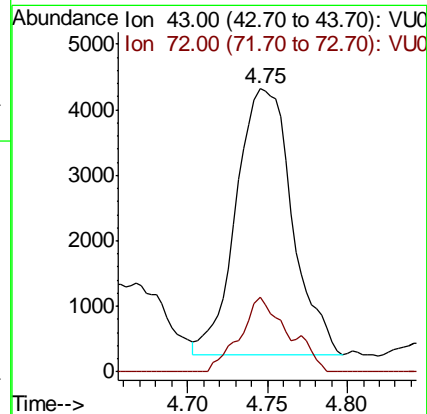
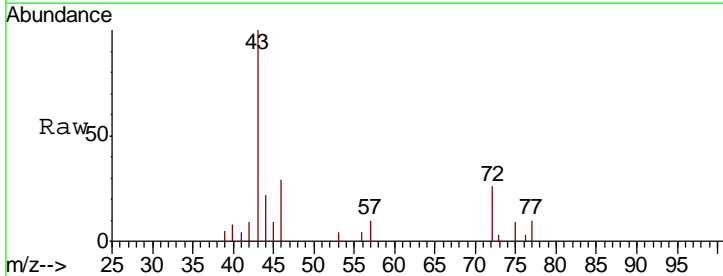
Instrument :
 MSVOA_U
 ClientSampled :

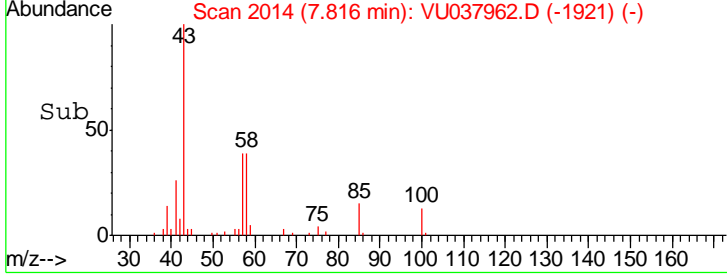
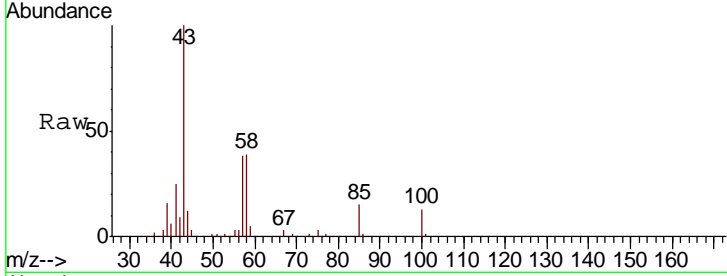
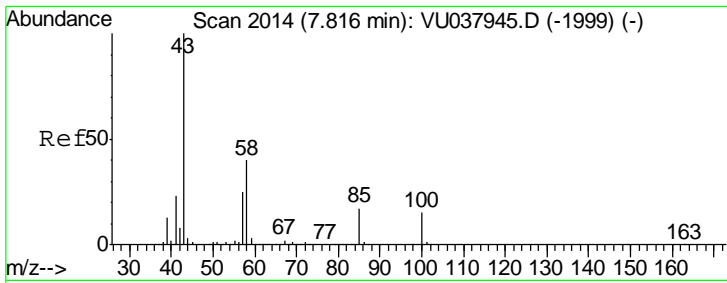
Tgt Ion	Resp	Lower	Upper
84	100		
86	63.9	45.1	83.9
49	126.8	91.2	169.4



#22
 2-Butanone
 Concen: 1.967 ug/L
 RT: 4.75 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VU037962.D
 Acq: 30 Apr 2020 19:57

Tgt Ion	Resp	Lower	Upper
43	100		
72	20.2	13.4	40.1

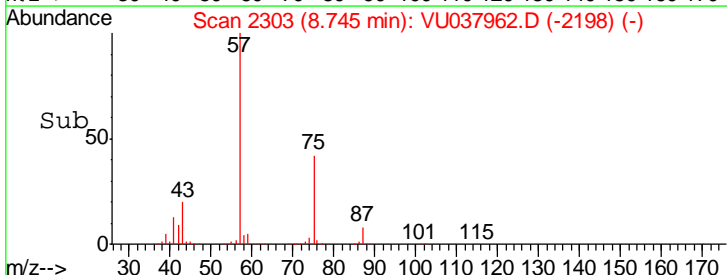
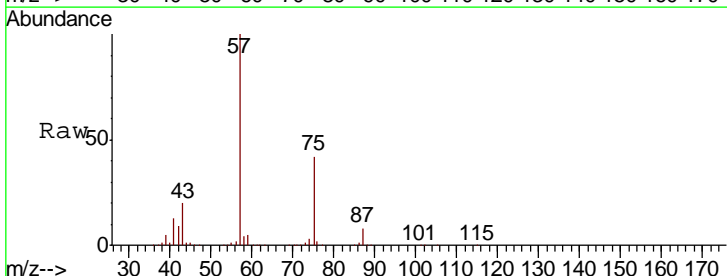
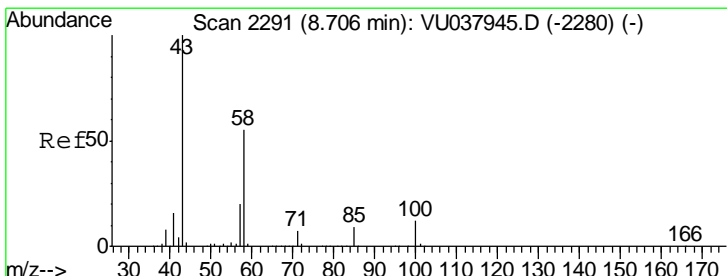
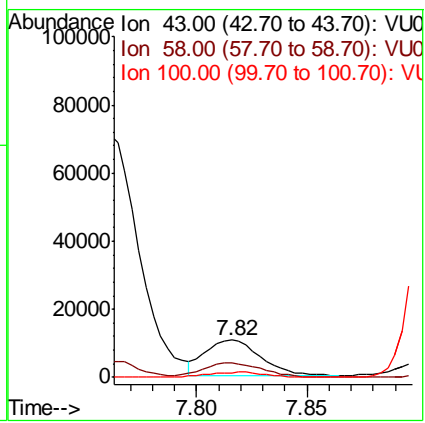




#40
 4-Methyl-2-pentanone
 Concen: 1.937 ug/L
 RT: 7.82 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: VU037962.D
 Acq: 30 Apr 2020 19:57

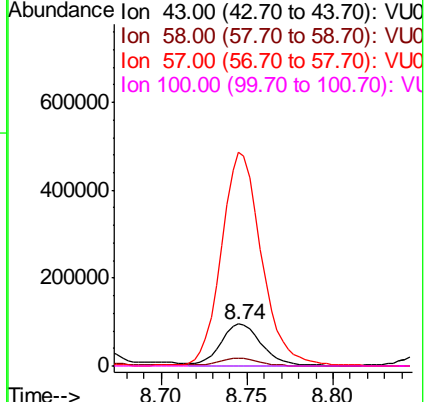
Instrument : MSVOA_U
 ClientSampled :

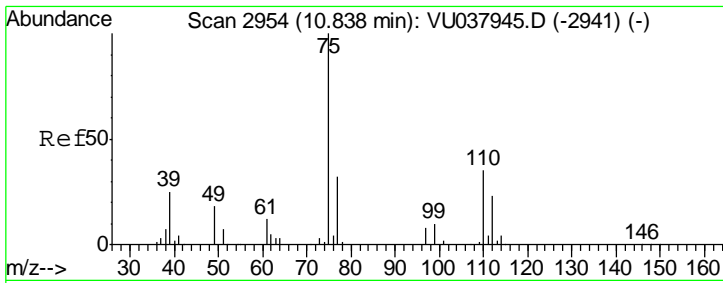
Tgt Ion	Resp	Lower	Upper
43	17828		
58	44.5	31.8	47.8
100	15.0	12.2	18.2



#48
 2-Hexanone
 Concen: 20.850 ug/L
 RT: 8.74 min Scan# 2303
 Delta R.T. 0.04 min
 Lab File: VU037962.D
 Acq: 30 Apr 2020 19:57

Tgt Ion	Resp	Lower	Upper
43	158143		
58	18.6	46.4	69.6#
57	502.1	16.4	24.6#
100	0.0	9.5	14.3#





#59
 1,2,3-Trichloropropane
 Concen: 5.551 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037962.D
 Acq: 30 Apr 2020 19:57

Instrument : MSVOA_U
 ClientSampled :

Tot Ion	Resp	Lower	Upper
75	43725		
75	100		
77	35.9	25.4	38.2

