

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038319.D
 Acq On : 27 May 2020 14:37
 Operator : JC/MD
 Sample : L2749-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:18:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	294458	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142955	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90934	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.93	69	83742	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	2.59	63	140004	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.66	46	348155	52.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	5.10	84	200908	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	119313	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.76	84	412673	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.72	67	133705	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	366879	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	8.20	79	51548	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.66	63	278152	52.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111703	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	146151	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

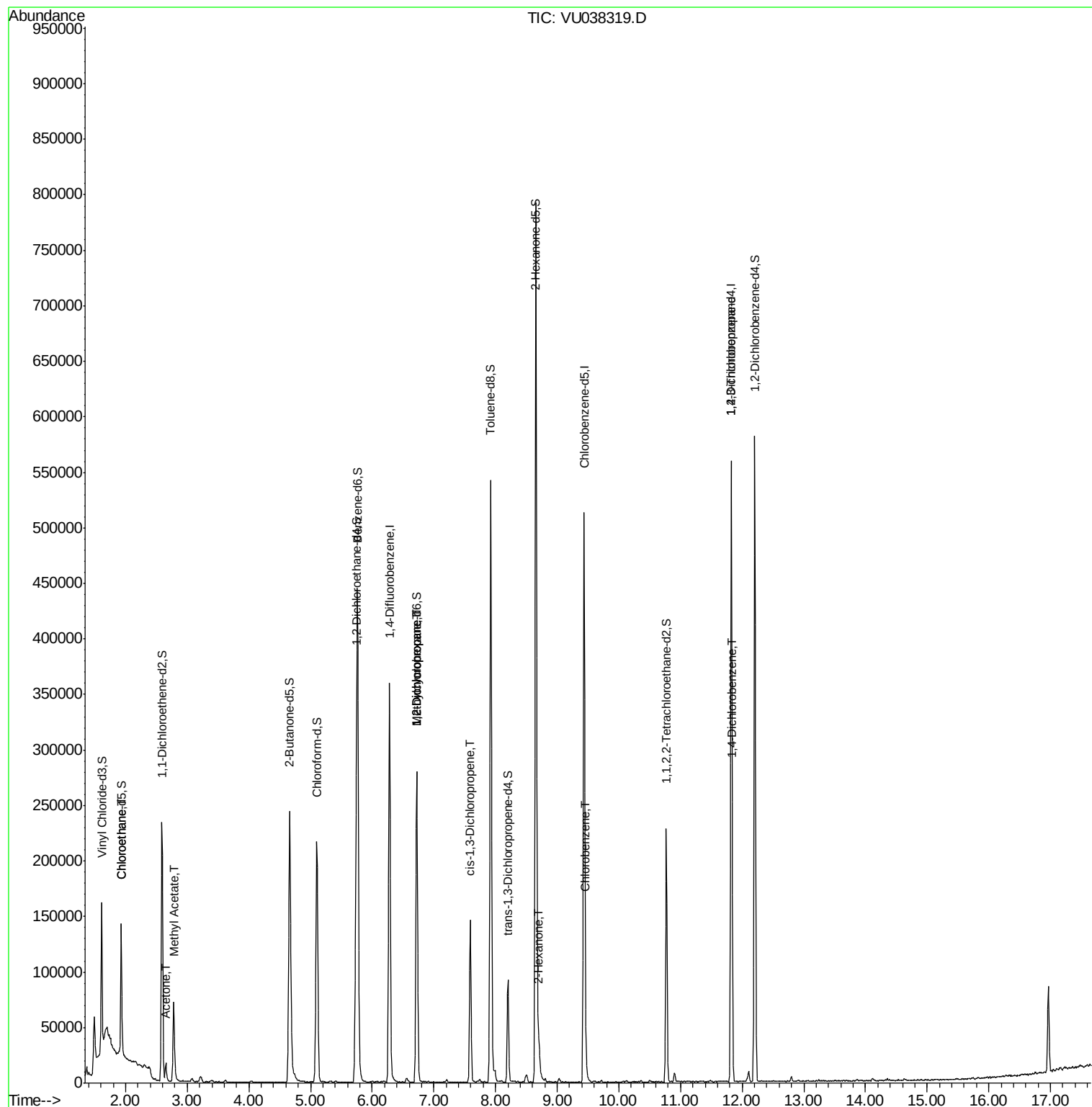
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.92	64	1764	0.090	ug/L #	52
13) Acetone	2.65	43	18025	4.323	ug/L	97
15) Methyl Acetate	2.78	43	17461	1.497	ug/L #	53
35) Methylcyclohexane	6.72	83	31013	0.830	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14010	0.559	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3461	0.097	ug/L #	63
48) 2-Hexanone	8.70	43	17606	1.384	ug/L	94
51) Chlorobenzene	9.47	112	10634	0.176	ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	19298	1.148	ug/L	91
63) 1,4-Dichlorobenzene	11.85	146	4375	0.093	ug/L	93

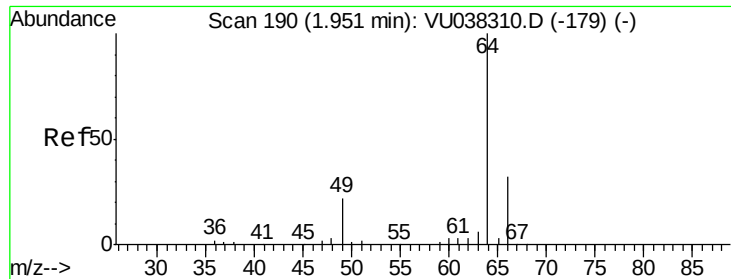
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.090 ug/L

RT: 1.92 min Scan# 180

Delta R.T. -0.03 min

Lab File: VU038319.D

Acq: 27 May 2020 14:37

Instrument :

MSVOA_U

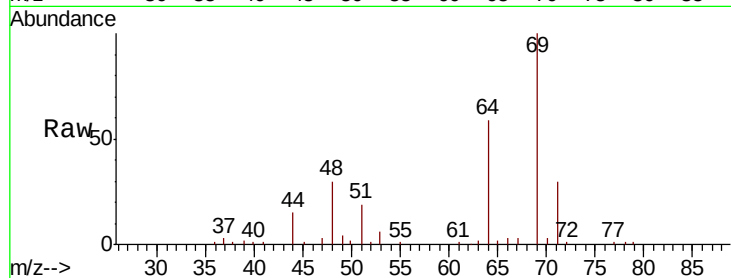
ClientSampleId :

Tot Ion: 64 Resp: 1764

Ion Ratio Lower Upper

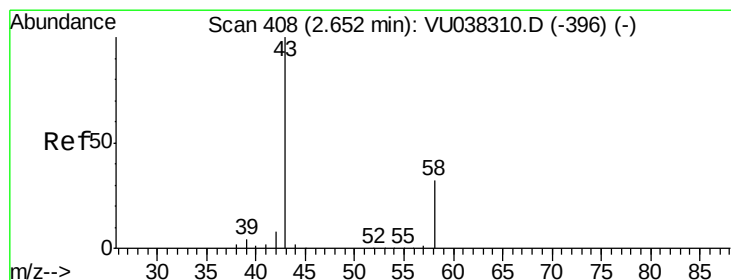
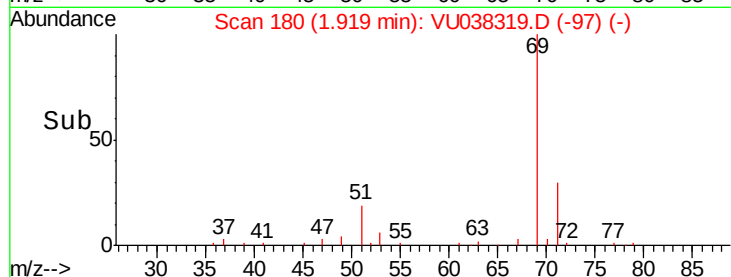
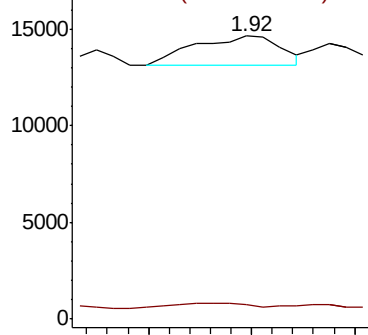
64 100

66 4.9 21.8 40.4#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 4.323 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU038319.D

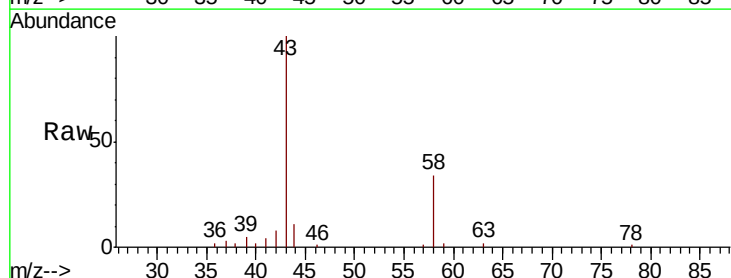
Acq: 27 May 2020 14:37

Tgt Ion: 43 Resp: 18025

Ion Ratio Lower Upper

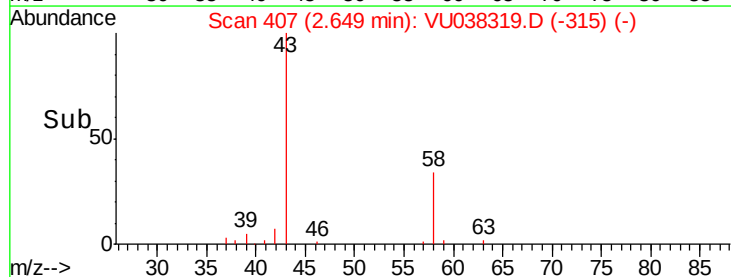
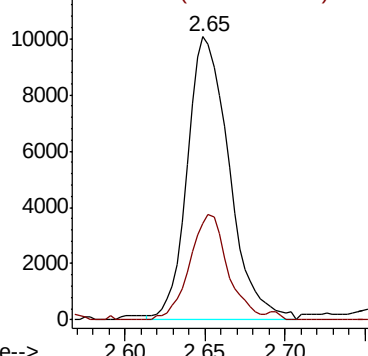
43 100

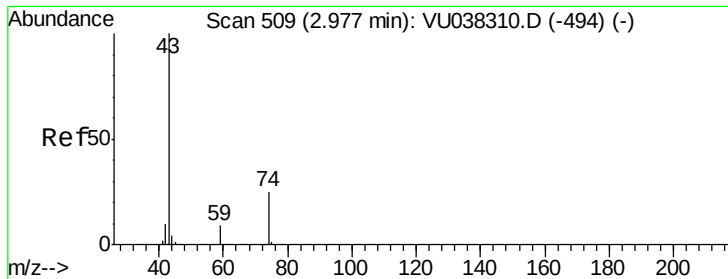
58 33.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

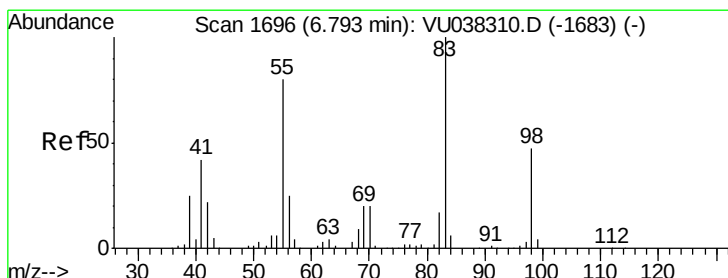
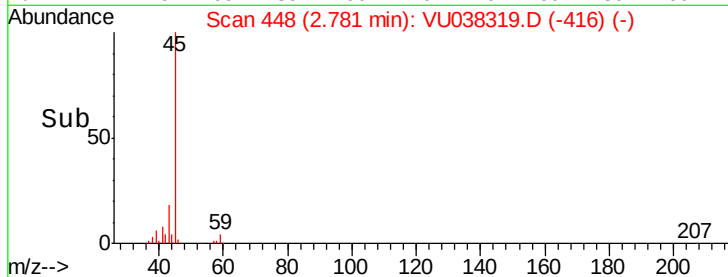
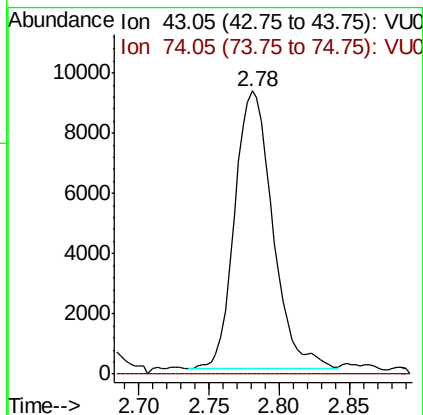
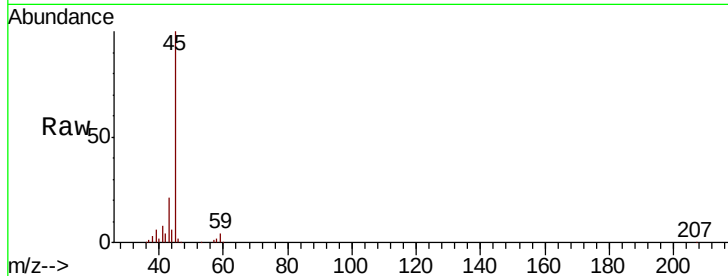




#15
Methyl Acetate
Concen: 1.497 ug/L
RT: 2.78 min Scan# 448
Delta R.T. -0.20 min
Lab File: VU038319.D
Acq: 27 May 2020 14:37

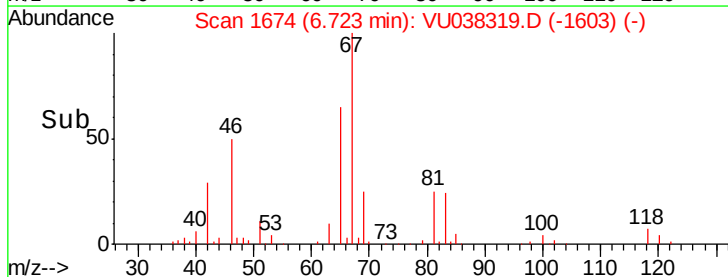
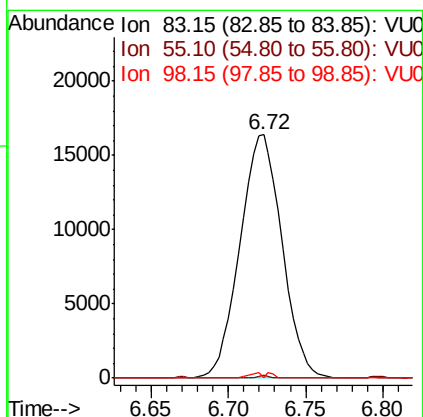
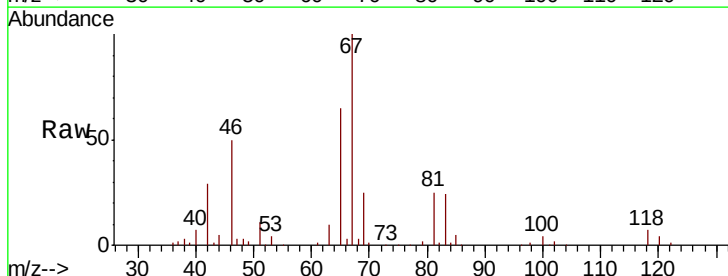
Instrument :
MSVOA_U
ClientSampled :

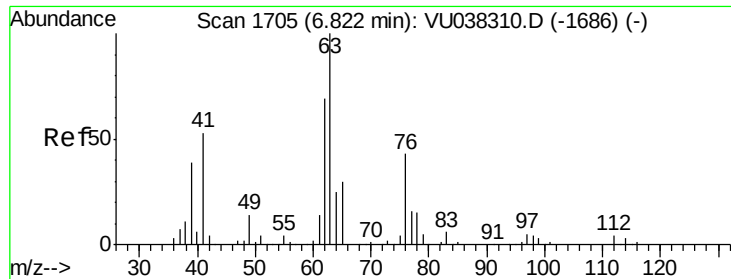
Tot Ion: 43 Resp: 17461
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038319.D
Acq: 27 May 2020 14:37

Tgt Ion: 83 Resp: 31013
Ion Ratio Lower Upper
83 100
55 0.3 66.7 100.1#
98 0.4 39.4 59.2#

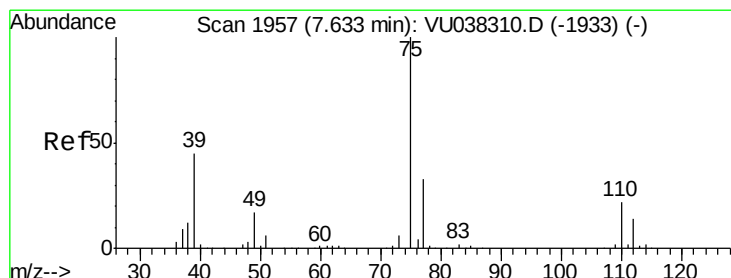
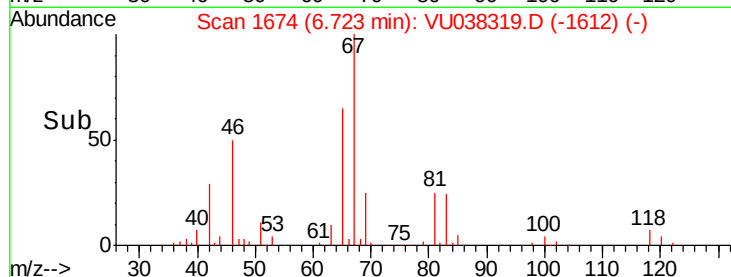
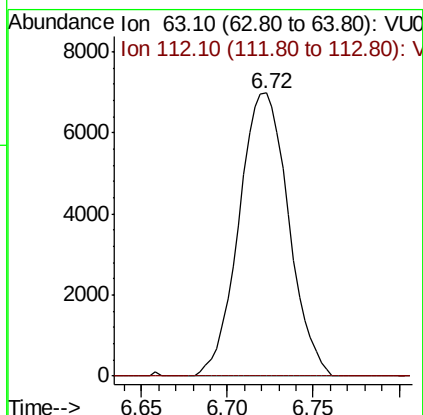
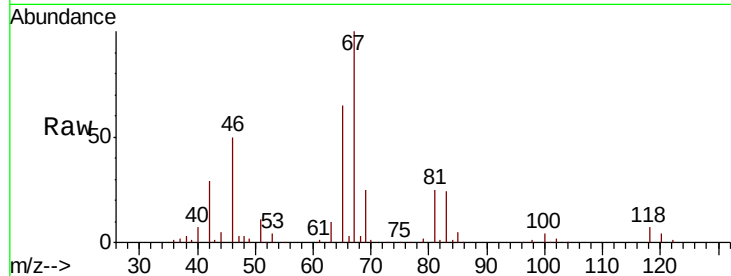




#37
 1,2-Dichloropropane
 Concen: 0.559 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038319.D
 Acq: 27 May 2020 14:37

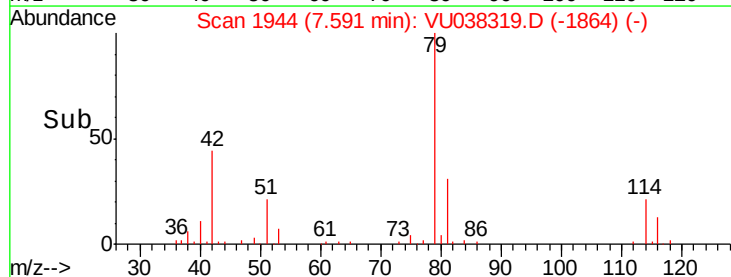
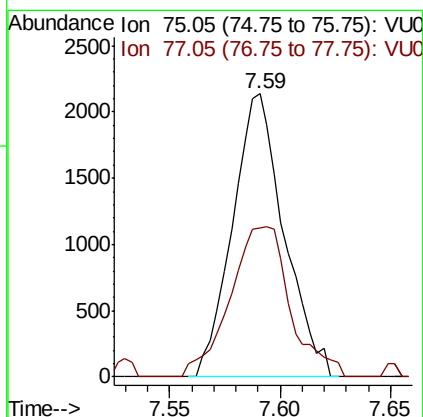
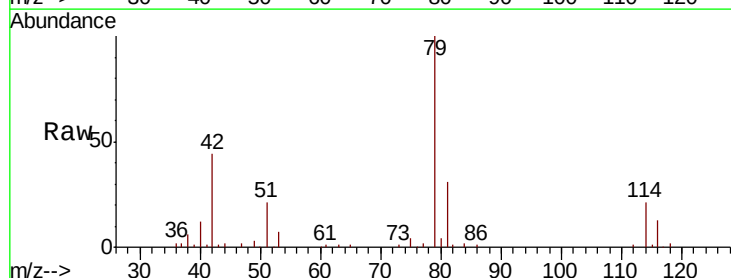
Instrument :
 MSVOA_U
 ClientSampleId :

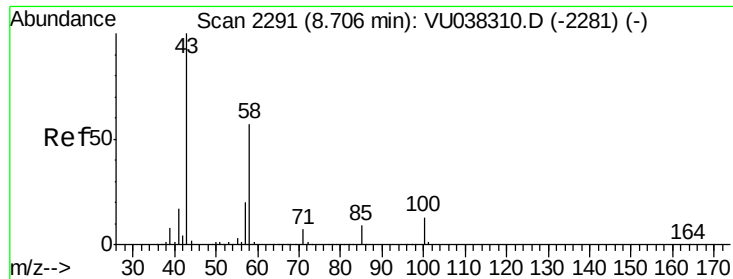
Tot Ion: 63 Resp: 14010
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038319.D
 Acq: 27 May 2020 14:37

Tgt Ion: 75 Resp: 3461
 Ion Ratio Lower Upper
 75 100
 77 52.8 22.4 41.6#

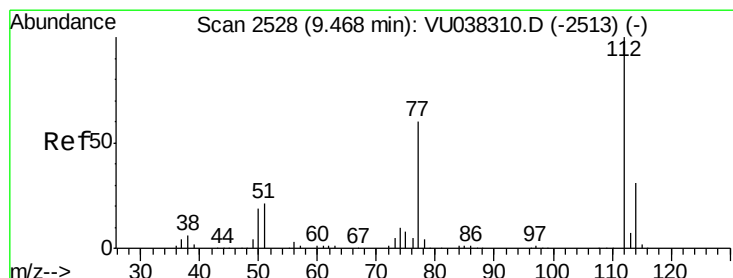
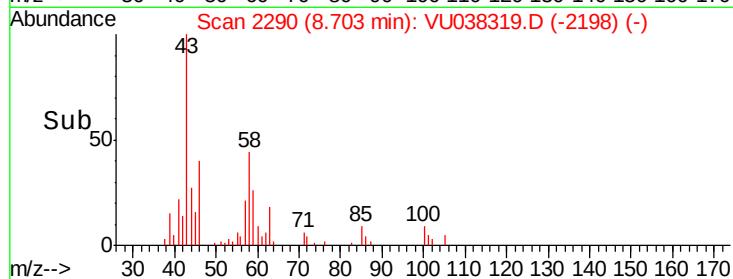
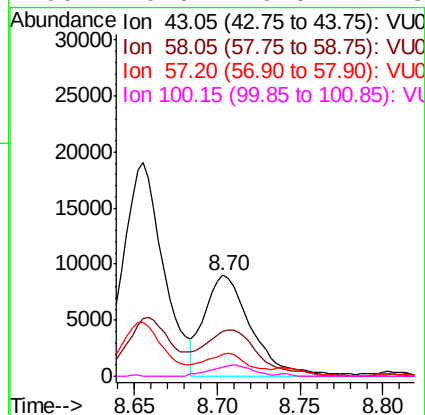
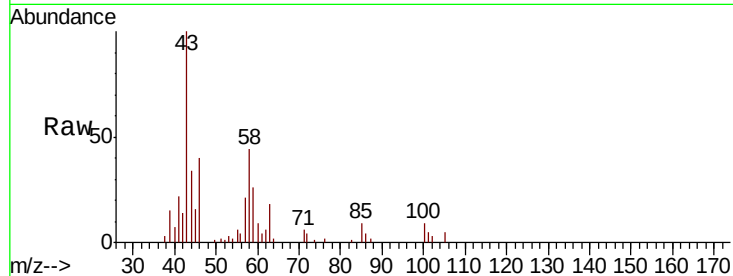




#48
2-Hexanone
Concen: 1.384 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU038319.D
Acq: 27 May 2020 14:37

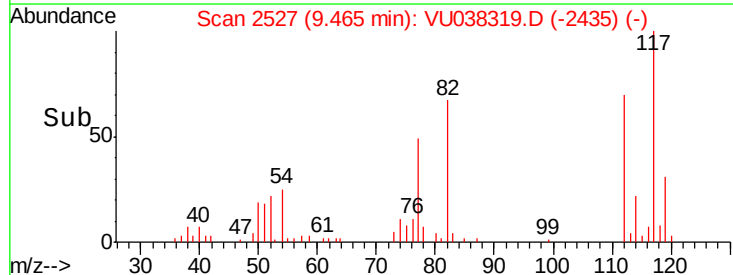
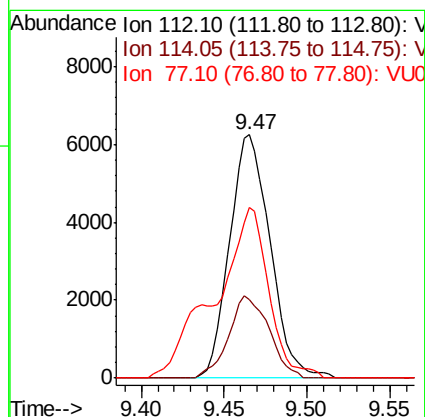
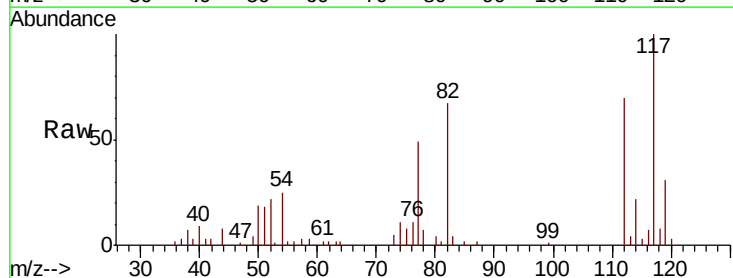
Instrument :
MSVOA_U
ClientSampled :

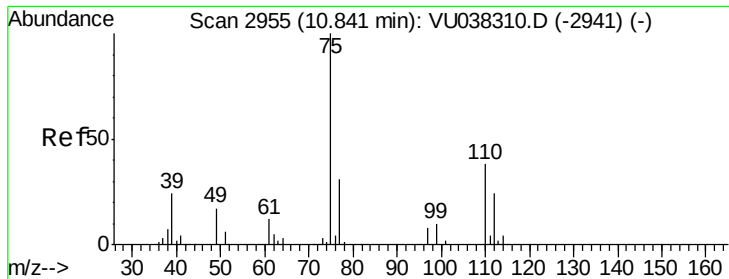
Tot Ion:	43	Resp:	17606
Ion	Ratio	Lower	Upper
43	100		
58	51.3	45.2	67.8
57	21.5	15.5	23.3
100	9.9	9.5	14.3



#51
Chlorobenzene
Concen: 0.176 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038319.D
Acq: 27 May 2020 14:37

Tgt Ion:	112	Resp:	10634
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	70.1	49.9	74.9

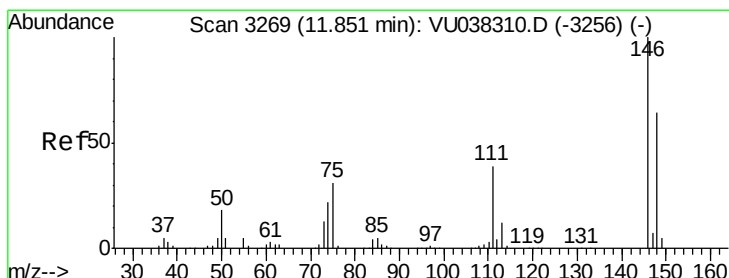
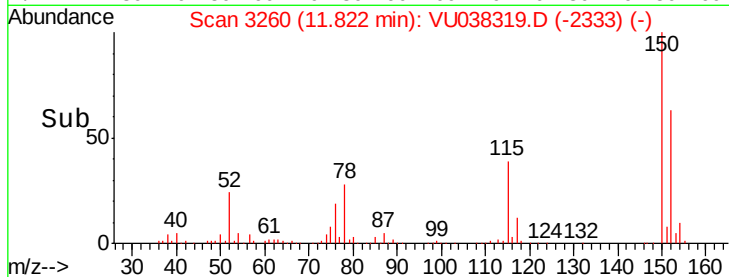
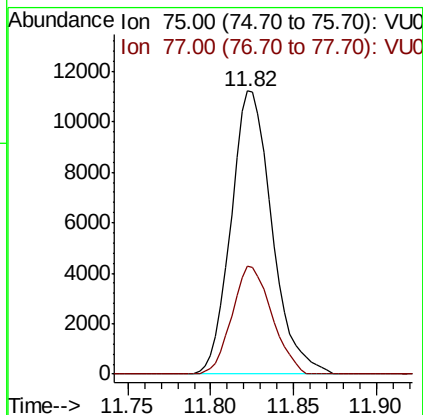
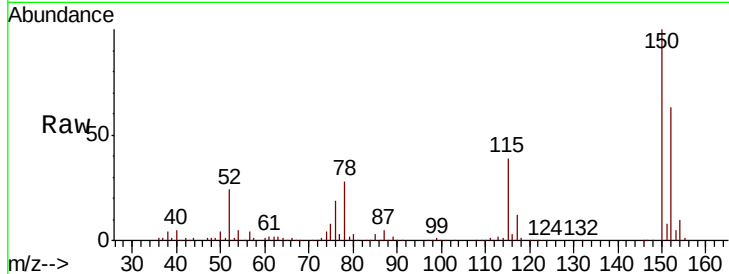




#59
 1,2,3-Trichloropropane
 Concen: 1.148 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038319.D
 Acq: 27 May 2020 14:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 19298
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.4 38.0



#63
 1,4-Dichlorobenzene
 Concen: 0.093 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038319.D
 Acq: 27 May 2020 14:37

Tgt Ion: 146 Resp: 4375
 Ion Ratio Lower Upper
 146 100
 111 46.9 27.2 50.6
 148 60.0 43.8 81.3

