

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037958.D
 Acq On : 30 Apr 2020 17:42
 Operator : JC/MD
 Sample : L2395-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DA5

Manual Integrations
 APPROVED

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 5/1/2020 4:51:17 PM

Quant Time: May 01 05:52:53 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	658394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	647364	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	284701	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	265752	45.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.78%
7) Chloroethane-d5	1.93	69	227916	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.76%
11) 1,1-Dichloroethene-d2	2.59	63	373505	39.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.86%
21) 2-Butanone-d5	4.66	46	416034	91.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.91%
24) Chloroform-d	5.10	84	419789	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
26) 1,2-Dichloroethane-d4	5.74	65	305323	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.02%
32) Benzene-d6	5.76	84	926535	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
36) 1,2-Dichloropropane-d6	6.72	67	311309	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.42%
41) Toluene-d8	7.92	98	832595	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%
43) trans-1,3-Dichloropropene-	8.20	79	110469	37.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.48%
47) 2-Hexanone-d5	8.65	63	267314	97.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.15%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	421077	46.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.38%
64) 1,2-Dichlorobenzene-d4	12.20	152	288106	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	7795	1.182 ug/L	# 26
12) 1,1-Dichloroethene	2.60	96	86422m	20.042 ug/L	
13) Acetone	2.66	43	5283	1.812 ug/L	98
16) Methylene chloride	3.08	84	36674	7.215 ug/L	98
19) 1,1-Dichloroethane	3.91	63	25713	2.773 ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	600484	116.649 ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	184720	25.670 ug/L	99
34) Trichloroethene	6.57	95	852809	173.783 ug/L	100

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

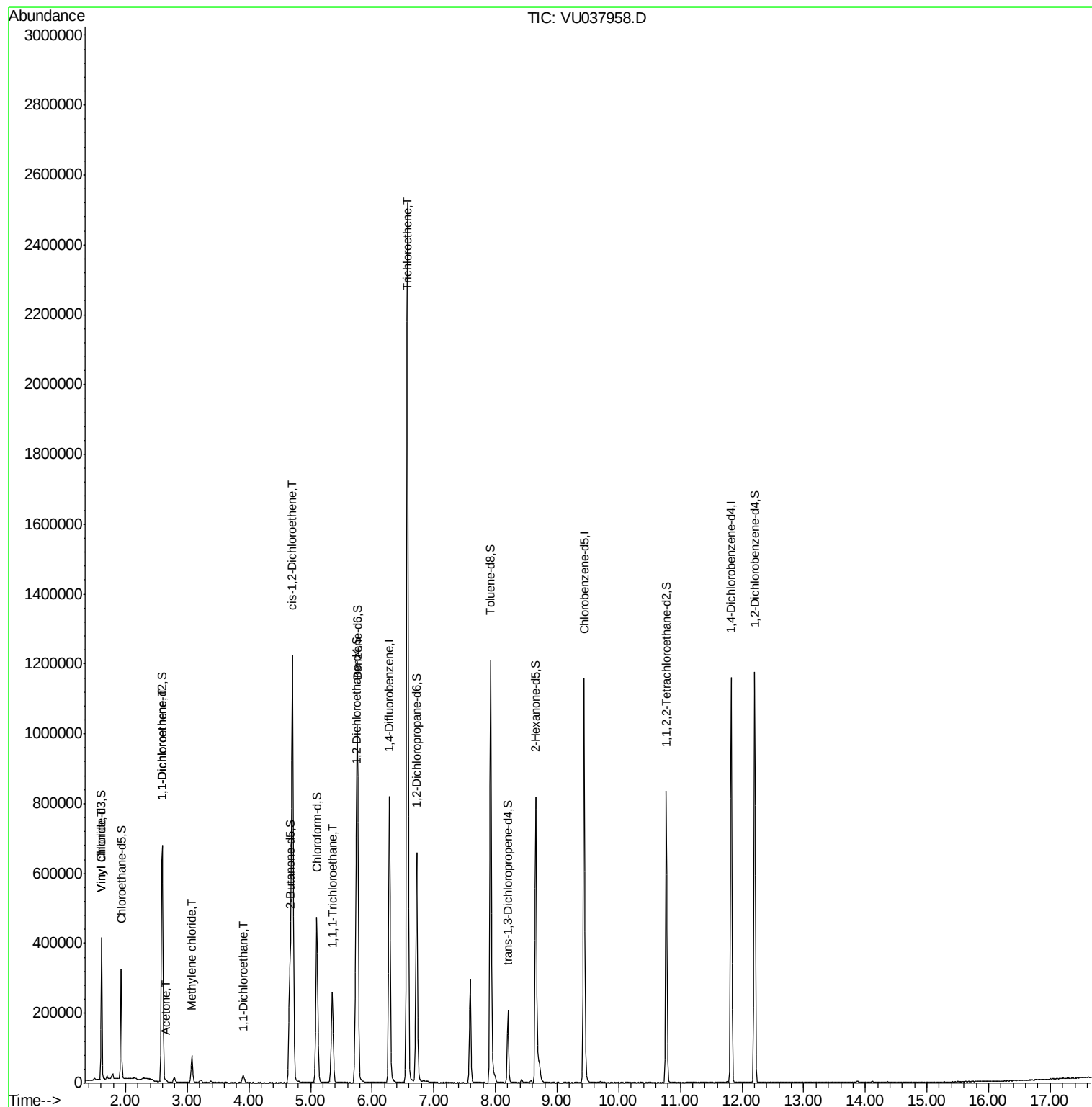
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043020\
Data File : VU037958.D
Acq On : 30 Apr 2020 17:42
Operator : JC/MD
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ALS Vial : 1 Sample Multiplier: 1

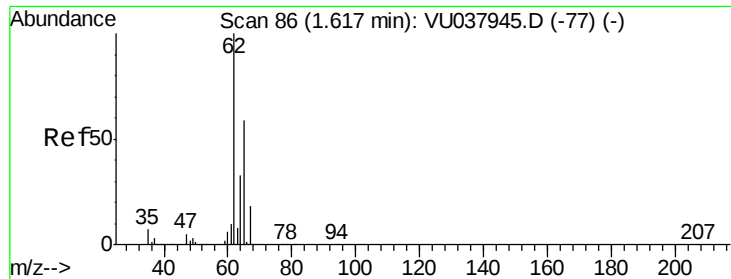
Instrument :
MSVOA_U
ClientSampleId :
C0DA5

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Quant Time: May 01 05:52:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 02:16:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.182 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037958.D

Acq: 30 Apr 2020 17:42

Instrument :

MSVOA_U

ClientSampled :

C0DA5

Tot Ion: 62 Resp: 7795

Ion Ratio Lower Upper

62 100

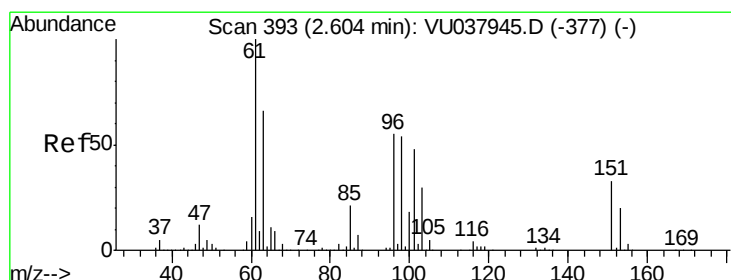
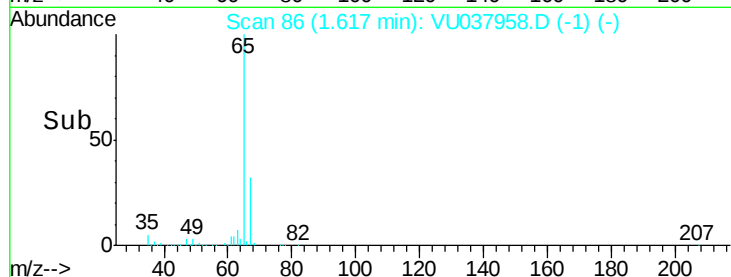
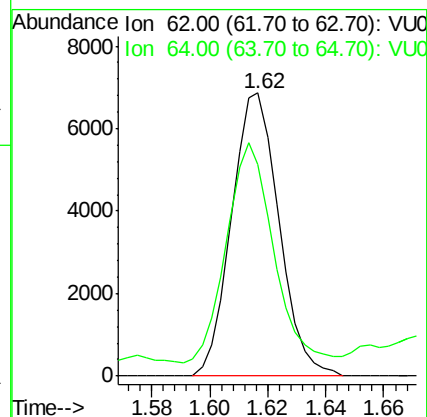
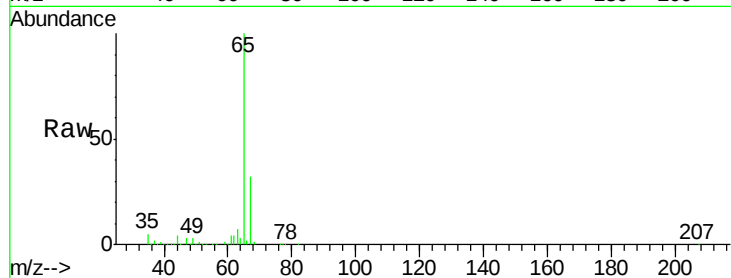
64 75.0 23.2 43.2#

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#12

1,1-Dichloroethene

Concen: 20.042 ug/L m

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037958.D

Acq: 30 Apr 2020 17:42

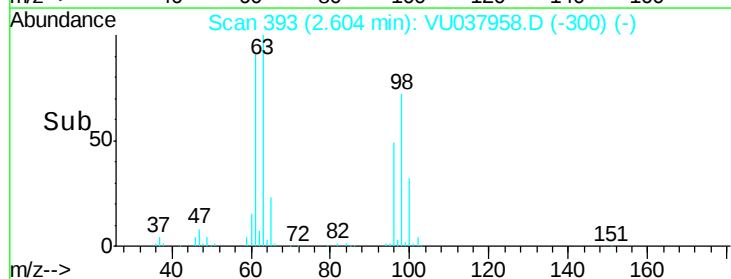
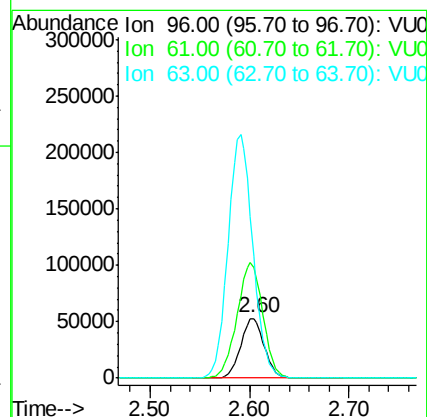
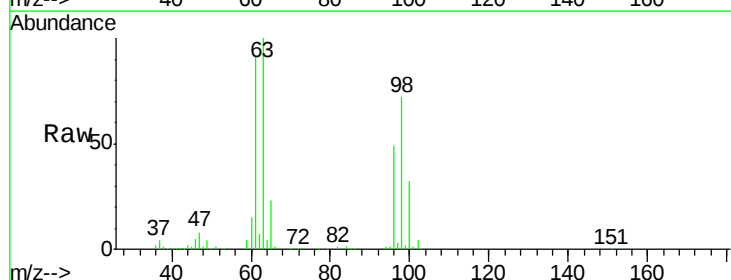
Tgt Ion: 96 Resp: 86422

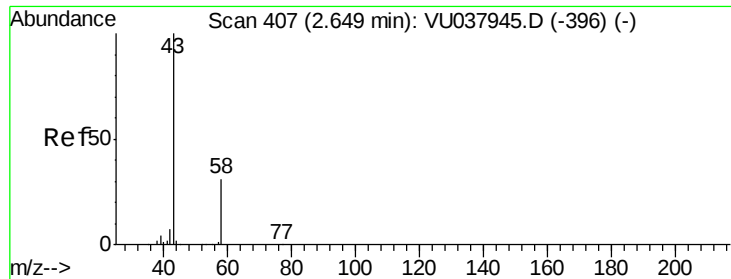
Ion Ratio Lower Upper

96 100

61 185.3 126.1 234.3

63 204.6 83.4 154.8#





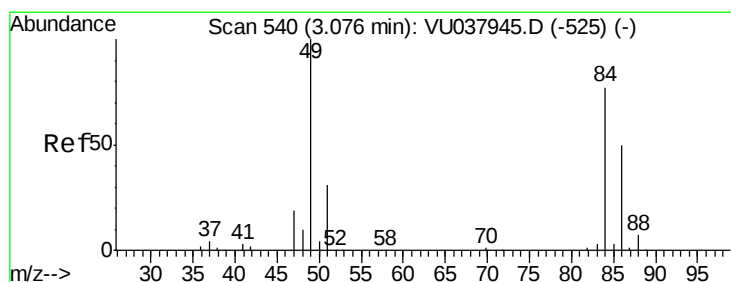
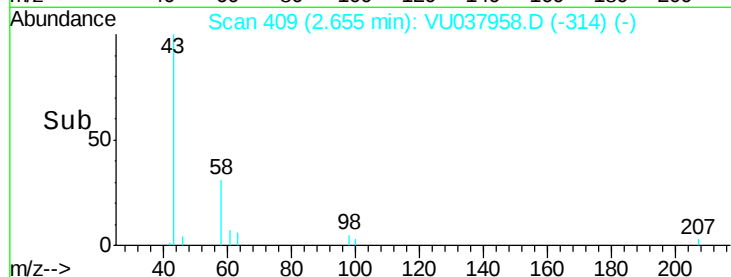
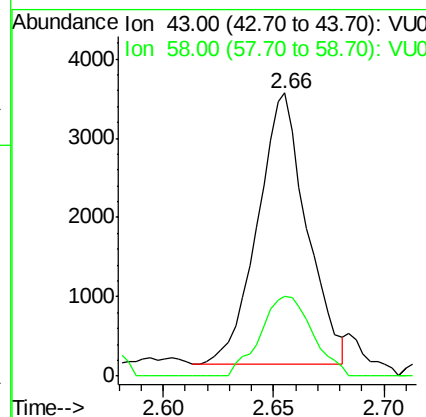
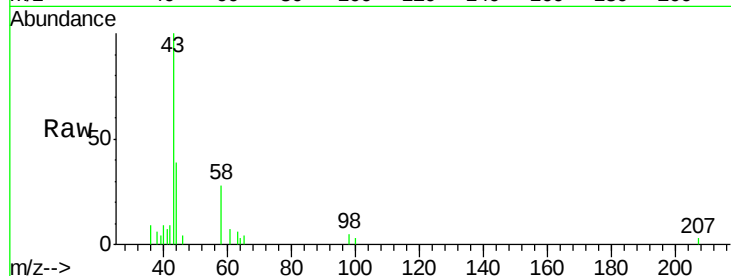
#13
Acetone
Concen: 1.812 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.01 min
Lab File: VU037958.D
Acq: 30 Apr 2020 17:42

Instrument :
MSVOA_U
ClientSampleId :
C0DA5

Tot Ion: 43 Resp: 5283
Ion Ratio Lower Upper
43 100
58 31.2 0.0 64.4

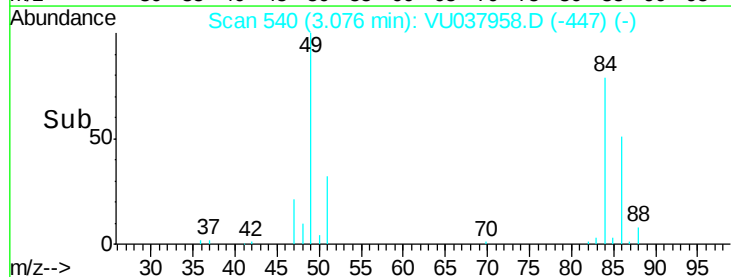
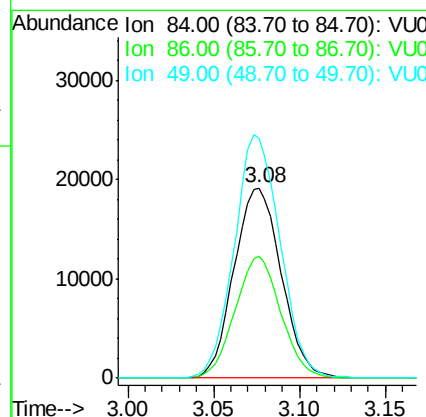
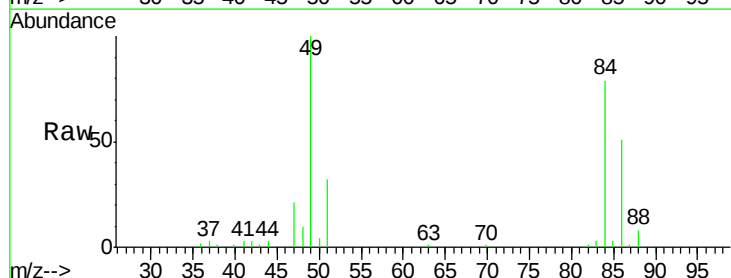
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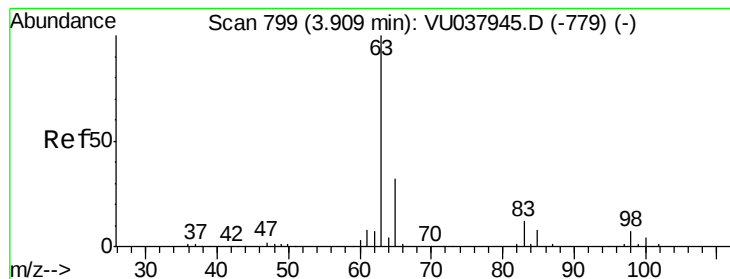
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#16
Methylene chloride
Concen: 7.215 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037958.D
Acq: 30 Apr 2020 17:42

Tgt Ion: 84 Resp: 36674
Ion Ratio Lower Upper
84 100
86 64.4 45.1 83.9
49 126.3 91.2 169.4





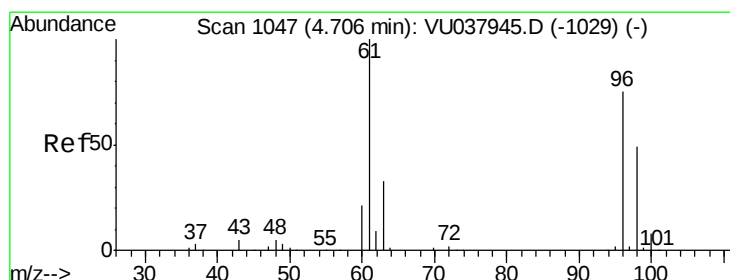
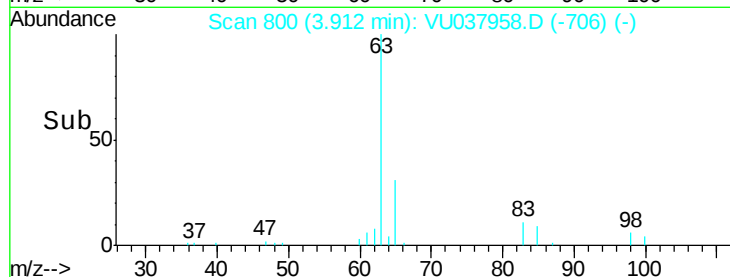
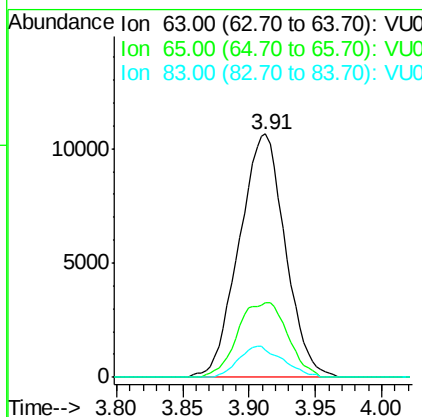
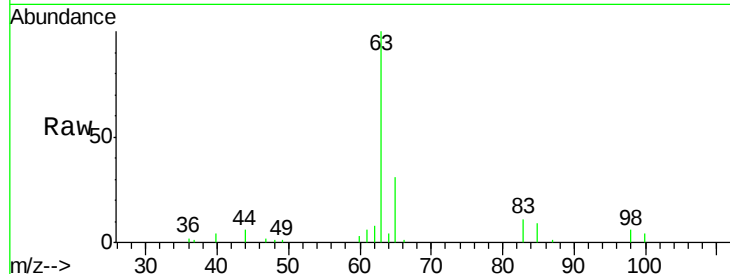
#19
 1,1-Dichloroethane
 Concen: 2.773 ug/L
 RT: 3.91 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: VU037958.D
 Acq: 30 Apr 2020 17:42

Instrument :
 MSVOA_U
 ClientSampled :
 C0DA5

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.5	41.7
83	11.2	8.5	15.7

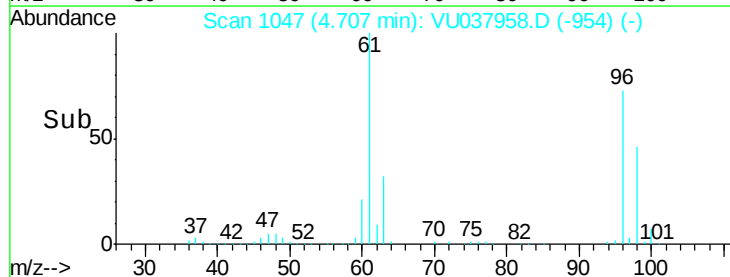
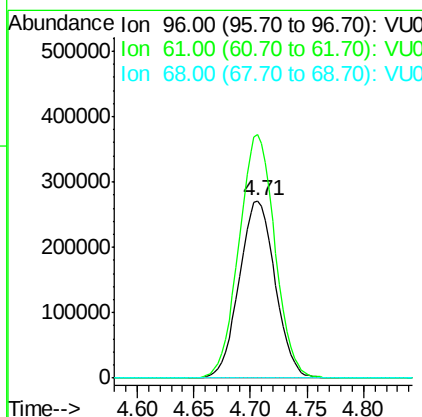
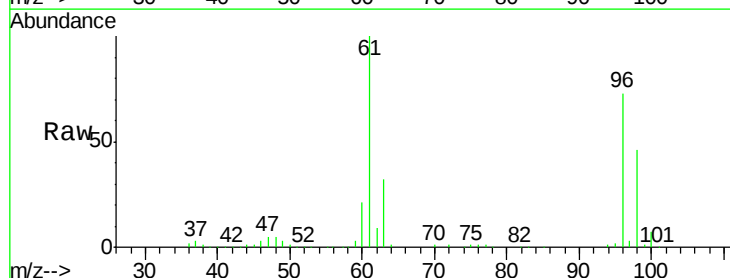
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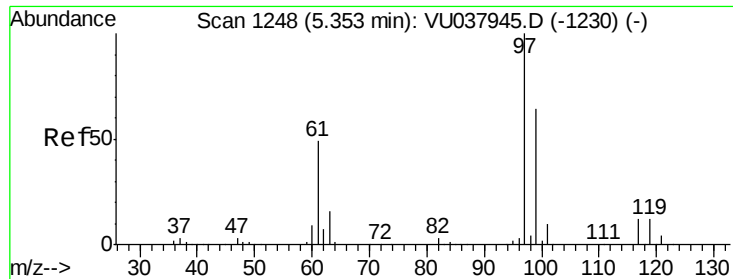
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#20
 cis-1,2-Dichloroethene
 Concen: 116.649 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037958.D
 Acq: 30 Apr 2020 17:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.0	93.9	174.3
68	0.0	0.0	0.0





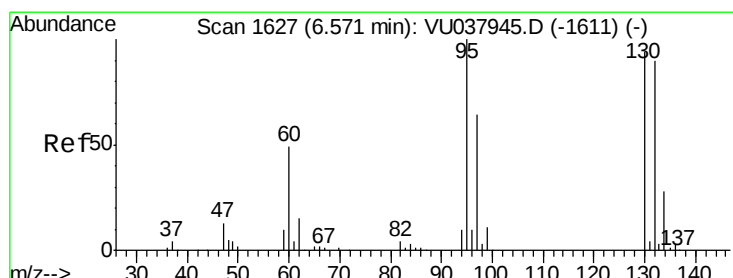
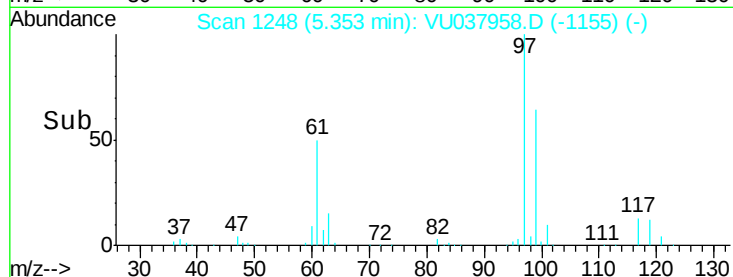
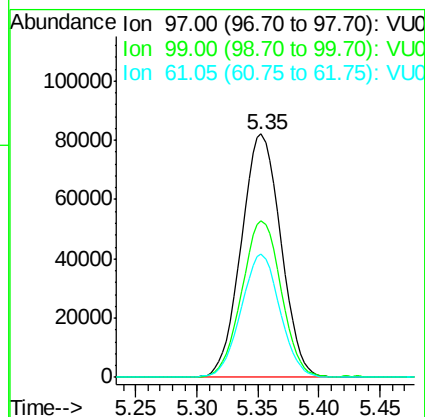
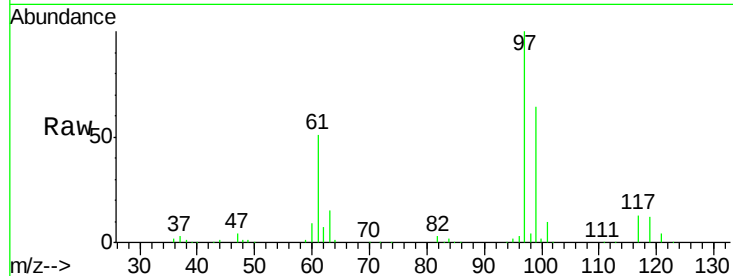
#30
1,1,1-Trichloroethane
Concen: 25.670 ug/L
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU037958.D
Acq: 30 Apr 2020 17:42

Instrument :
MSVOA_U
ClientSampled :
C0DA5

Tot Ion	Ratio	Resp	Lower	Upper
97	100	184720		
99	64.0		50.5	75.7
61	49.2		38.8	58.2

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#34
Trichloroethene
Concen: 173.783 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037958.D
Acq: 30 Apr 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	852809		
97	64.2		44.9	83.5
132	90.3		63.2	117.4
130	93.5		65.9	122.3

