

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037907.D
 Acq On : 29 Apr 2020 12:15
 Operator : JC/MD
 Sample : L2395-11DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D96DL

Manual Integrations
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 5/4/2020 10:18:04 AM

Quant Time: Apr 30 10:49:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	623392	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	602437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	265585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	218936	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.38%
7) Chloroethane-d5	1.93	69	195042	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.59	63	289949	32.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.78%
21) 2-Butanone-d5	4.66	46	416850	96.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.59%
24) Chloroform-d	5.10	84	390556	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
26) 1,2-Dichloroethane-d4	5.74	65	282574	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.76	84	862158	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.22%
36) 1,2-Dichloropropane-d6	6.72	67	291185	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.20%
41) Toluene-d8	7.92	98	772953	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%
43) trans-1,3-Dichloropropene-	8.20	79	117471	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
47) 2-Hexanone-d5	8.65	63	307179	99.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	410771	51.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.62%
64) 1,2-Dichlorobenzene-d4	12.20	152	277981	53.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	37629	6.084	ug/L	89
12) 1,1-Dichloroethene	2.60	96	7312	1.932	ug/L	# 1
16) Methylene chloride	3.08	84	37793	8.404	ug/L	94
19) 1,1-Dichloroethane	3.91	63	25699	3.013	ug/L	90
20) cis-1,2-Dichloroethene	4.71	96	135371	29.217	ug/L	93
30) 1,1,1-Trichloroethane	5.35	97	40767	6.059	ug/L	99
34) Trichloroethene	6.57	95	107988	24.077	ug/L	97
53) m,p-Xylene	9.71	106	21320	2.638	ug/L	90
54) o-xylene	10.12	106	7267	0.919	ug/L	86

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

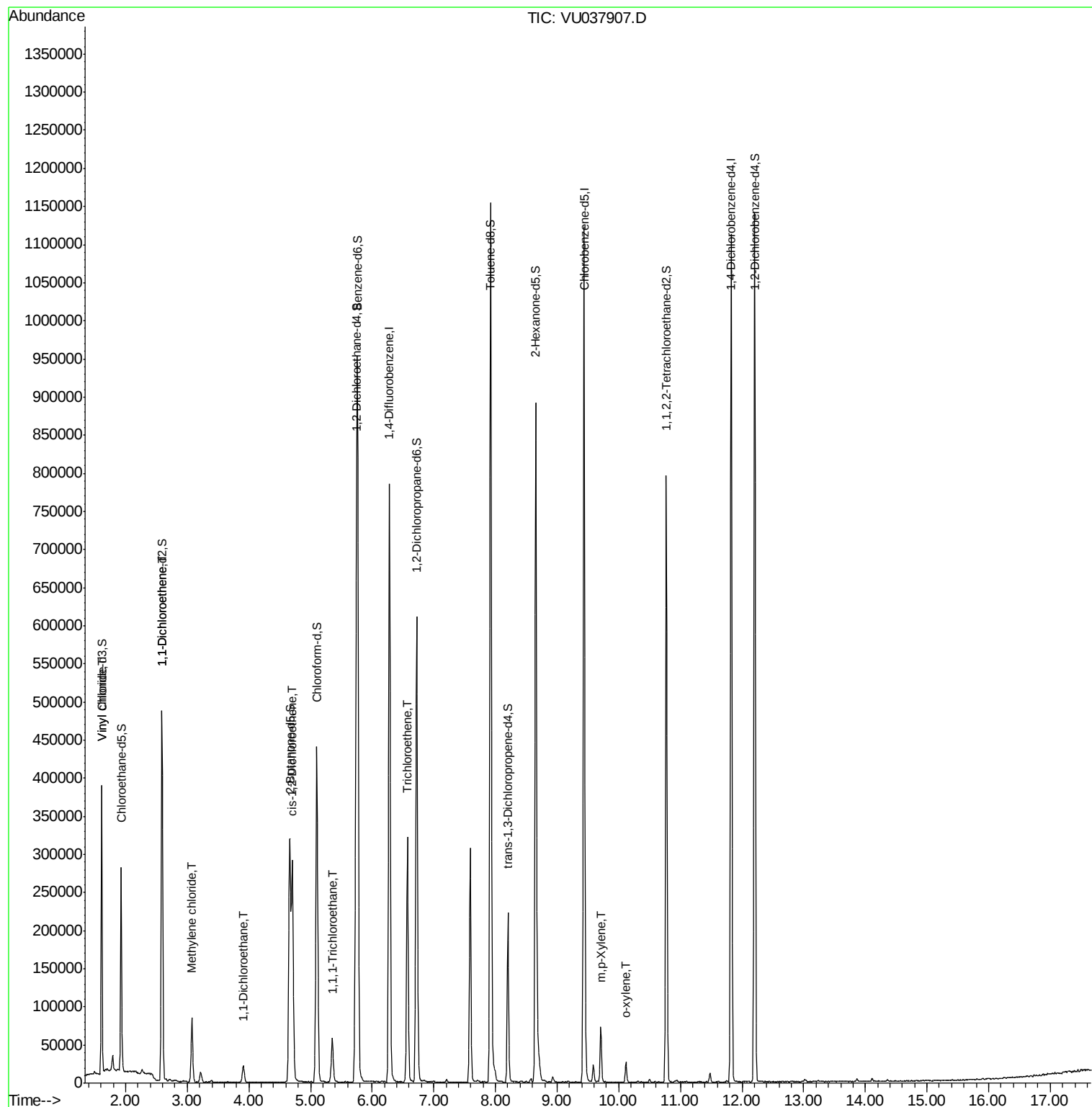
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042920\
Data File : VU037907.D
Acq On : 29 Apr 2020 12:15
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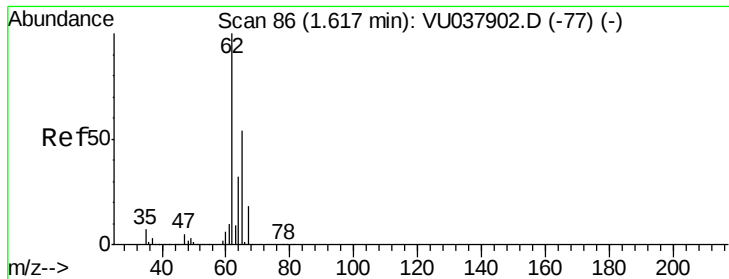
Instrument :
MSVOA_U
ClientSampleId :
C0D96DL

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Quant Time: Apr 30 10:49:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 30 01:17:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.084 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU037907.D

Acq: 29 Apr 2020 12:15

Instrument :

MSVOA_U

ClientSampled :

C0D96DL

Tot Ion: 62 Resp: 37629

Ion Ratio Lower Upper

62 100

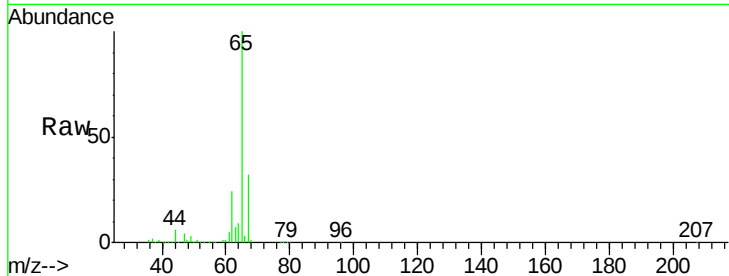
64 39.1 23.2 43.0

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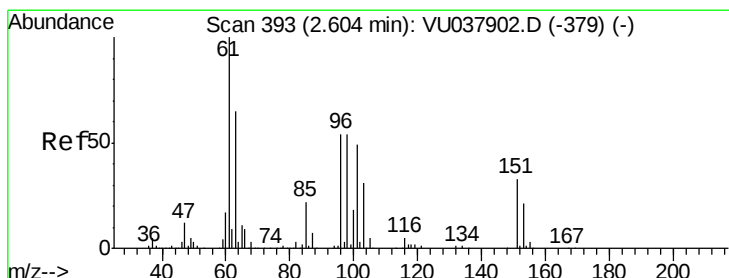
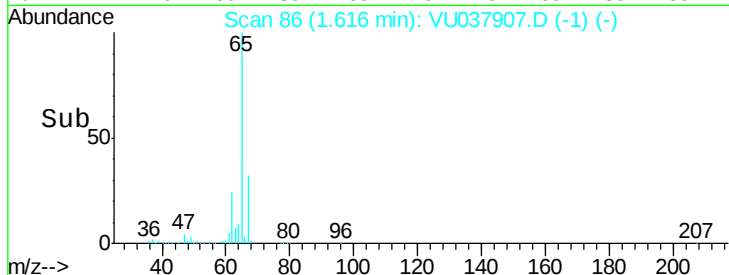


Abundance Ion 62.00 (61.70 to 62.70): VU037907.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU037907.D (-1) (-)

1.62

Time-->



#12

1,1-Dichloroethene

Concen: 1.932 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU037907.D

Acq: 29 Apr 2020 12:15

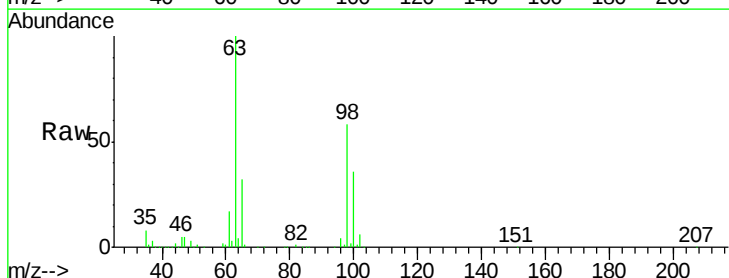
Tgt Ion: 96 Resp: 7312

Ion Ratio Lower Upper

96 100

61 469.8 134.1 249.0#

63 2745.9 96.5 179.1#



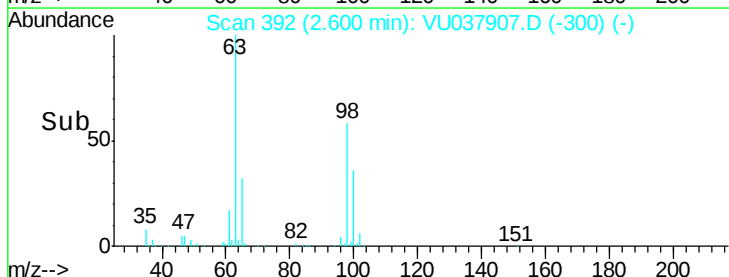
Abundance Ion 96.00 (95.70 to 96.70): VU037907.D (-300) (-)

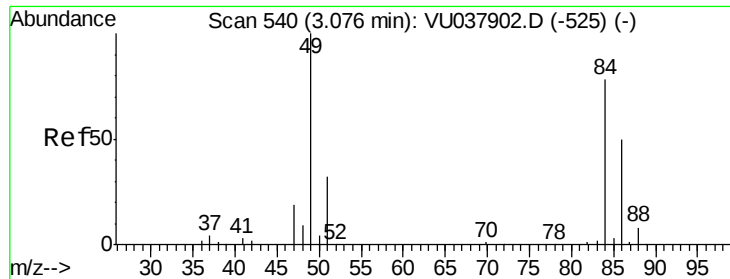
Ion 61.00 (60.70 to 61.70): VU037907.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU037907.D (-300) (-)

2.60

Time-->





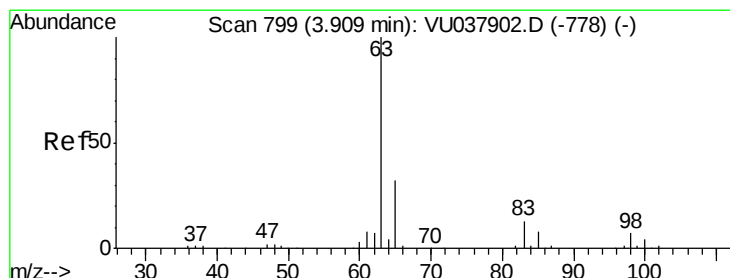
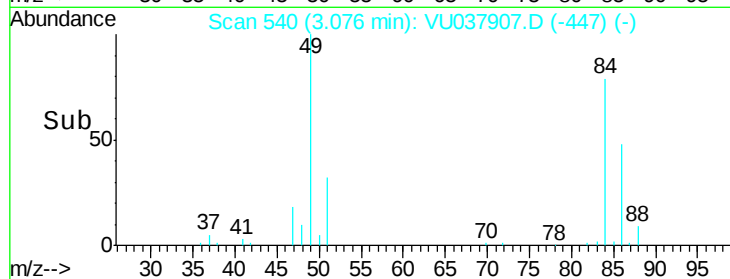
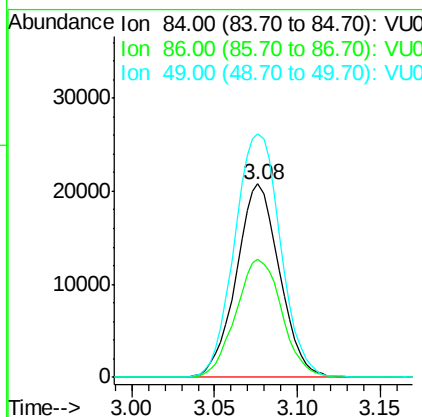
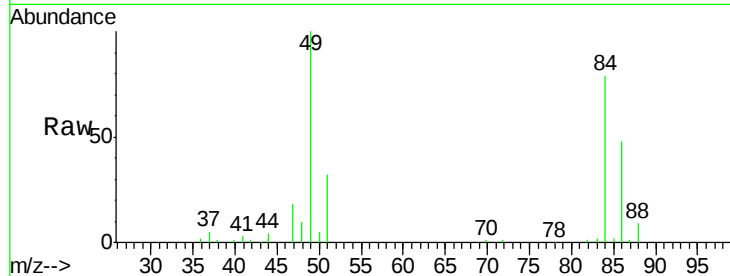
#16
Methvlene chloride
Concen: 8.404 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU037907.D
Acq: 29 Apr 2020 12:15

Instrument :
MSVOA_U
ClientSampleId :
C0D96DL

Tot Ion	84	Resp	37793
Ion Ratio	Lower	Upper	
84	100		
86	60.9	43.5	80.7
49	126.1	95.1	176.7

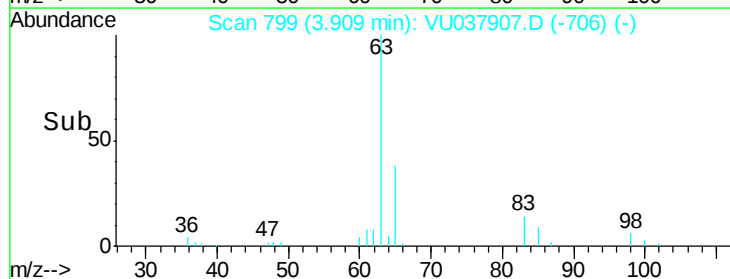
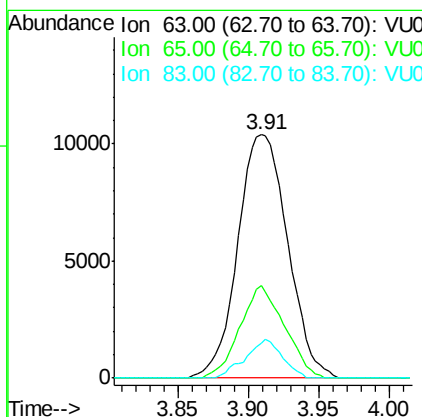
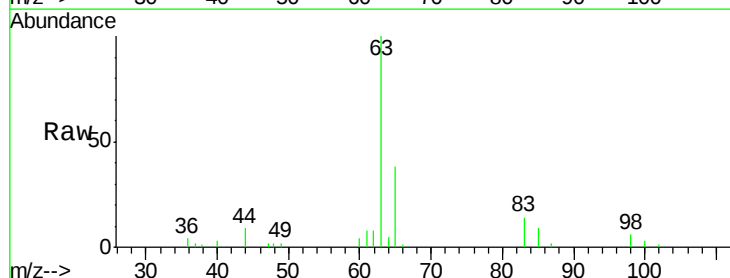
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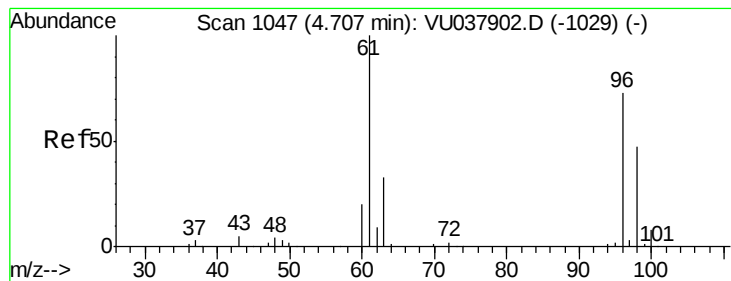
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#19
1,1-Dichloroethane
Concen: 3.013 ug/L
RT: 3.91 min Scan# 799
Delta R.T. -0.00 min
Lab File: VU037907.D
Acq: 29 Apr 2020 12:15

Tgt Ion	63	Resp	25699
Ion Ratio	Lower	Upper	
63	100		
65	37.9	22.2	41.2
83	14.4	8.6	16.0





#20

cis-1,2-Dichloroethene

Concen: 29.217 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037907.D

Acq: 29 Apr 2020 12:15

Instrument :

MSVOA_U

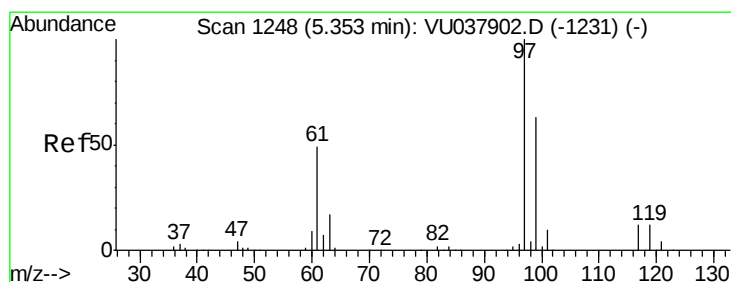
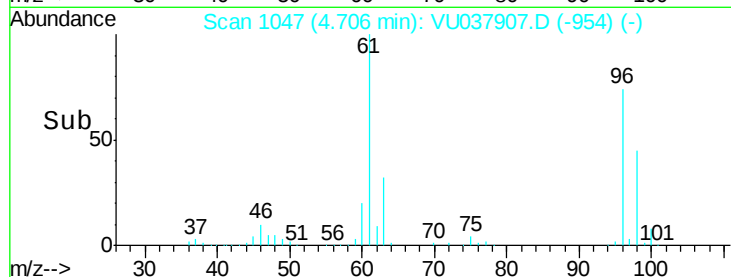
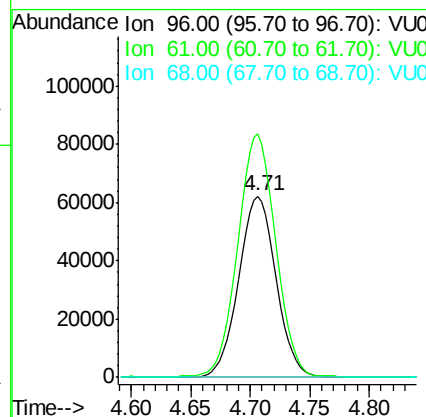
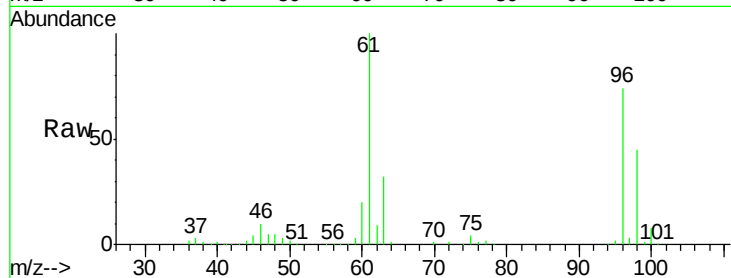
ClientSampled :

C0D96DL

Tot Ion:	96	Resp:	135371
Ion	Ratio	Lower	Upper
96	100		
61	134.6	100.4	186.4
68	0.0	0.0	0.0

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#30

1,1,1-Trichloroethane

Concen: 6.059 ug/L

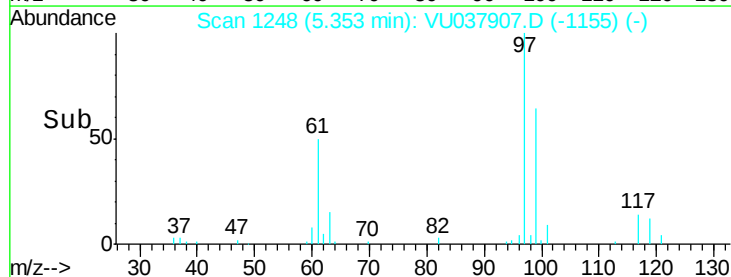
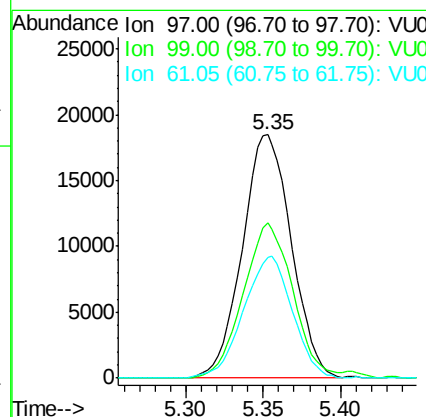
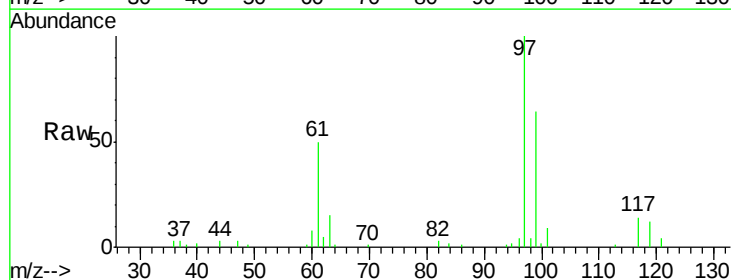
RT: 5.35 min Scan# 1248

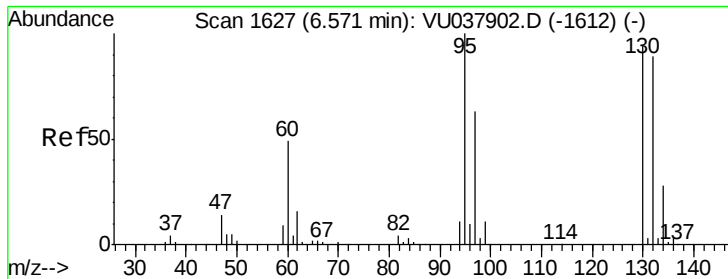
Delta R.T. -0.00 min

Lab File: VU037907.D

Acq: 29 Apr 2020 12:15

Tgt Ion:	97	Resp:	40767
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.7	76.1
61	49.6	38.9	58.3





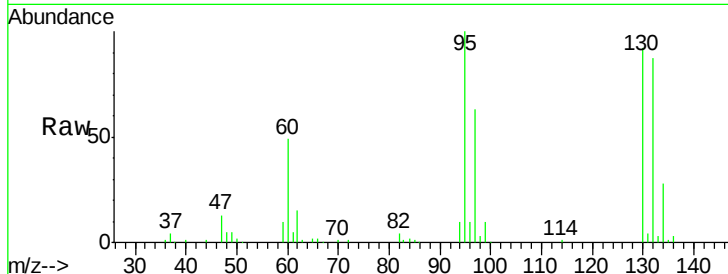
#34
 Trichloroethene
 Concen: 24.077 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037907.D
 Acq: 29 Apr 2020 12:15

Instrument :
 MSVOA_U
 ClientSampleID :
 C0D96DL

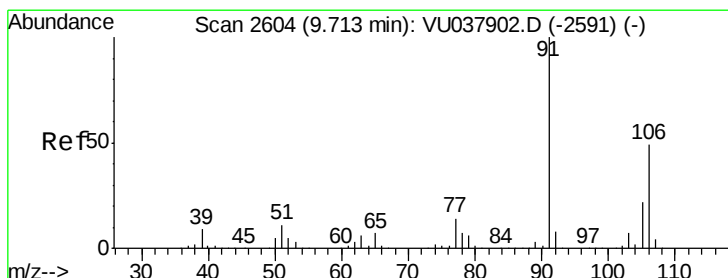
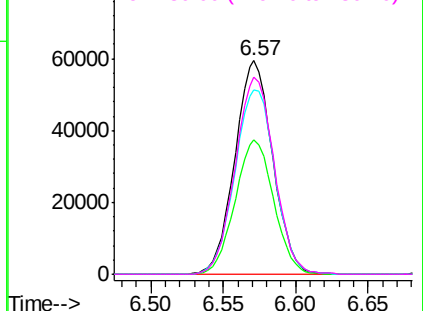
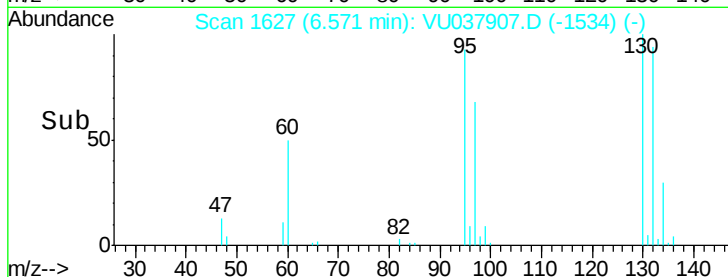
Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		107988		
97	62.9	44.4	82.5		
132	86.6	65.0	120.6		
130	92.2	65.5	121.7		

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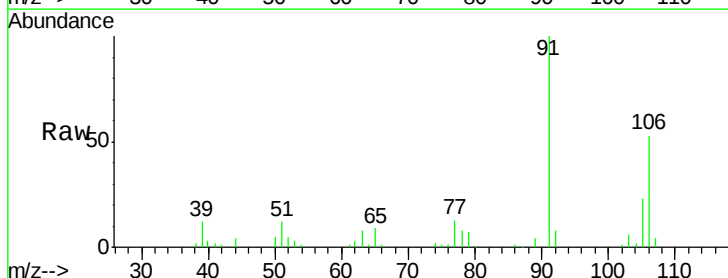


Abundance Ion 95.00 (94.70 to 95.70): VU037907.D (-1534) (-)
 Ion 97.00 (96.70 to 97.70): VU037907.D (-1534) (-)
 Ion 132.00 (131.70 to 132.70): VU037907.D (-1534) (-)
 Ion 130.00 (129.70 to 130.70): VU037907.D (-1534) (-)

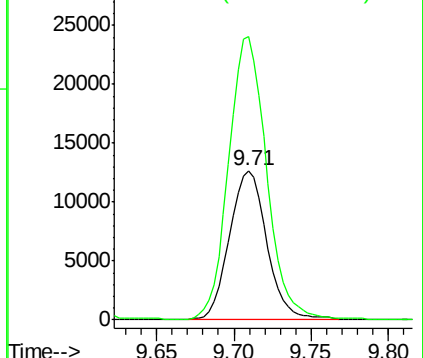
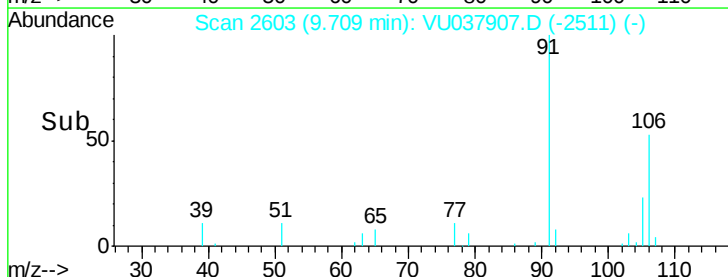


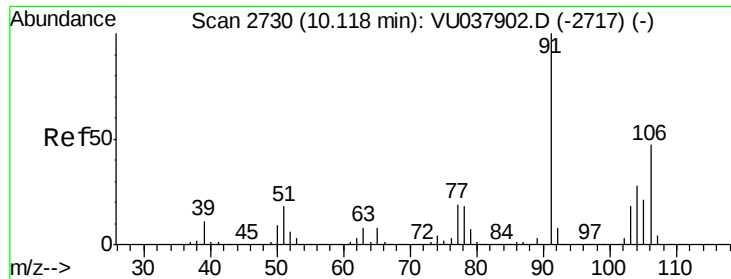
#53
 m,p-Xylene
 Concen: 2.638 ug/L
 RT: 9.71 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VU037907.D
 Acq: 29 Apr 2020 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		21320		
91	189.2	142.8	265.2		



Abundance Ion 106.00 (105.70 to 106.70): VU037907.D (-2511) (-)
 Ion 91.00 (90.70 to 91.70): VU037907.D (-2511) (-)





#54
 o-xylene
 Concen: 0.919 ug/L
 RT: 10.12 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VU037907.D
 Acq: 29 Apr 2020 12:15

Instrument :
 MSVOA_U
 ClientSampleID :
 C0D96DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	193.0	150.6	279.6

Manual Integrations
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