

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037926.D
 Acq On : 29 Apr 2020 21:32
 Operator : JC/MD
 Sample : L2395-17 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DA2

Quant Time: Apr 30 04:25:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	663310	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	647949	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	303475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188710	32.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.12%
7) Chloroethane-d5	1.93	69	185285	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.50%
11) 1,1-Dichloroethene-d2	2.59	63	298868	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.72%
21) 2-Butanone-d5	4.66	46	438892	95.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.57%
24) Chloroform-d	5.10	84	368599	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
26) 1,2-Dichloroethane-d4	5.74	65	273699	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
32) Benzene-d6	5.76	84	802552	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.72	67	273892	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.38%
41) Toluene-d8	7.92	98	714138	42.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.20	79	126514	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
47) 2-Hexanone-d5	8.66	63	310510	93.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.07%
57) 1,1,1,2,2-Tetrachloroethane-	10.77	84	408142	47.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.74%
64) 1,2-Dichlorobenzene-d4	12.20	152	268777	45.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.04%

Target Compounds

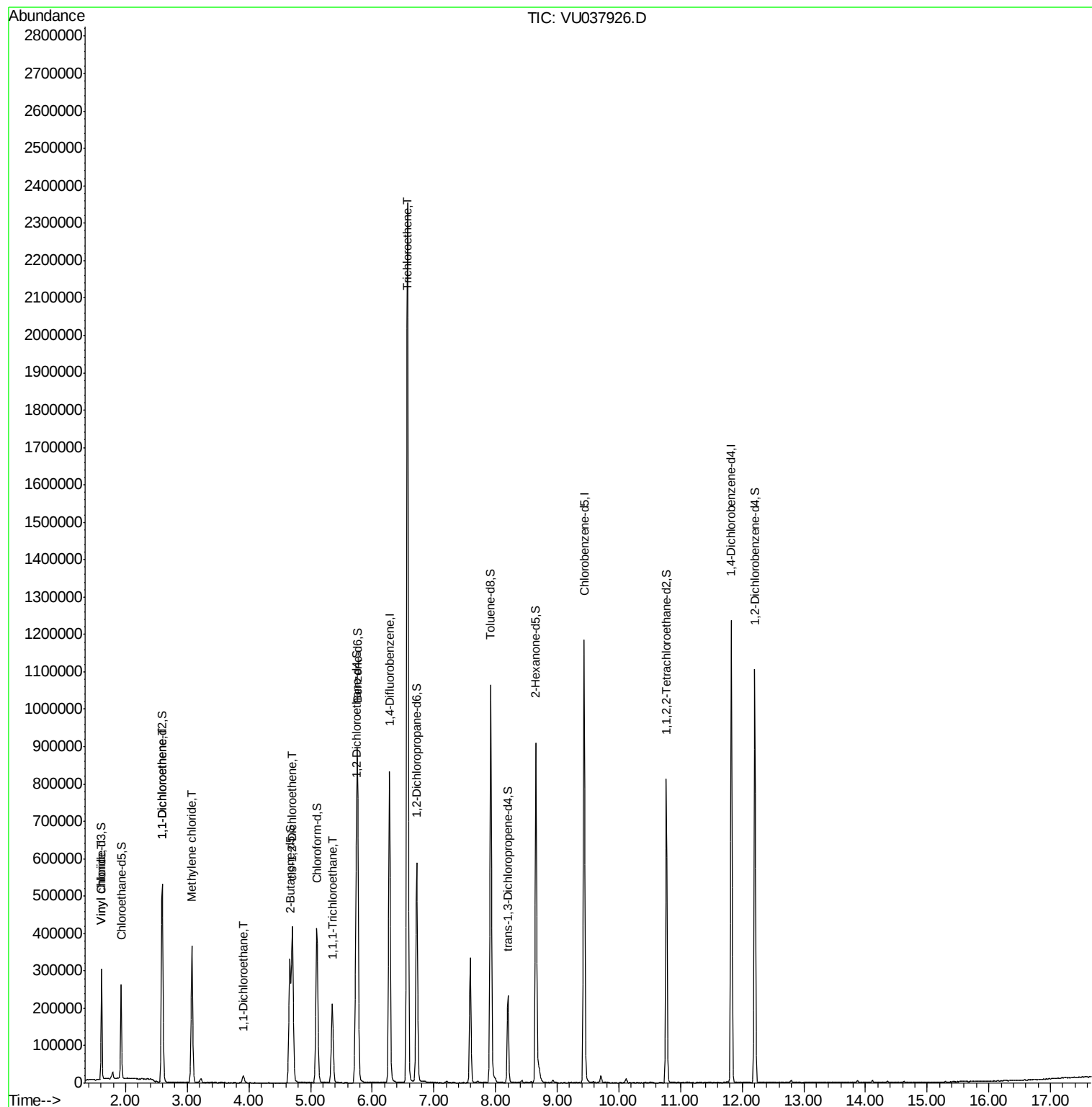
					Ovalue
5) Vinyl chloride	1.62	62	6281	0.954	ug/L # 55
12) 1,1-Dichloroethene	2.60	96	60205	14.950	ug/L # 61
16) Methylene chloride	3.08	84	167399	34.983	ug/L 95
19) 1,1-Dichloroethane	3.91	63	21803	2.402	ug/L 96
20) cis-1,2-Dichloroethene	4.71	96	199488	40.464	ug/L 94
30) 1,1,1-Trichloroethane	5.35	97	150129	20.747	ug/L 99
34) Trichloroethene	6.57	95	793197	164.427	ug/L 99

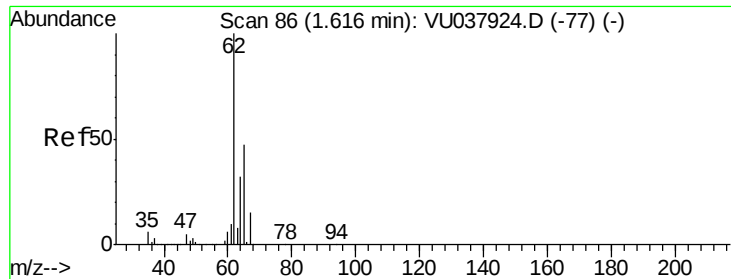
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 30 04:10:11 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.954 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU037926.D

Acq: 29 Apr 2020 21:32

Instrument :

MSVOA_U

ClientSampled :

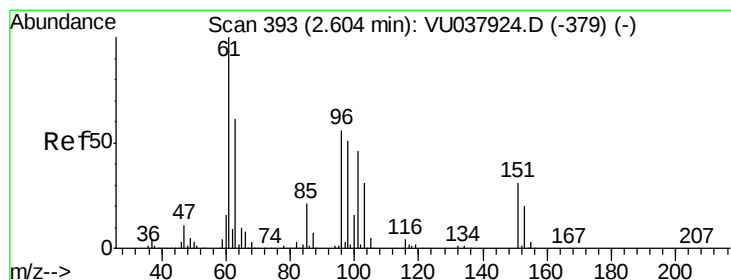
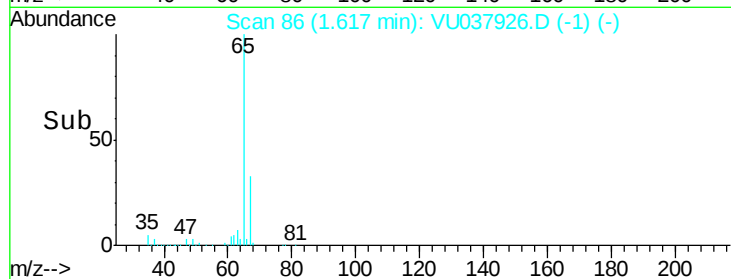
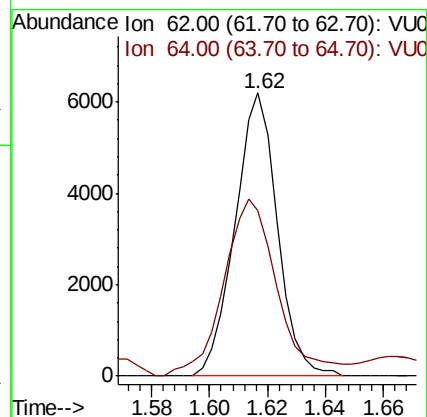
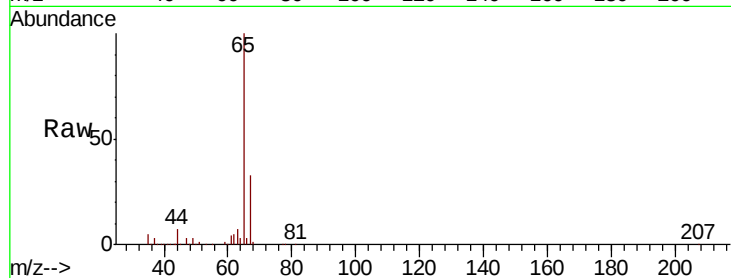
C0DA2

Tot Ion: 62 Resp: 6281

Ion Ratio Lower Upper

62 100

64 58.6 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 14.950 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037926.D

Acq: 29 Apr 2020 21:32

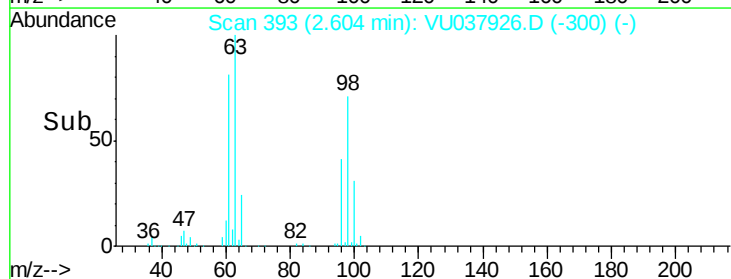
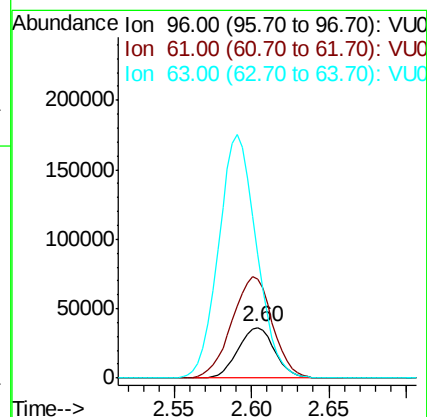
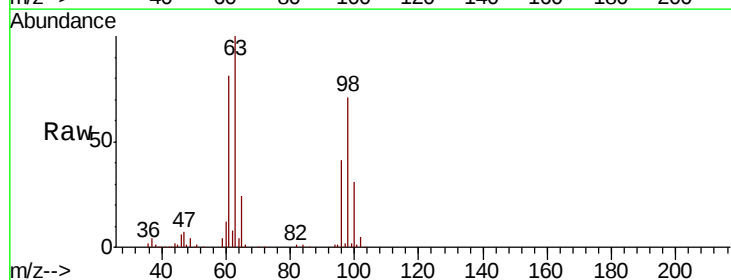
Tgt Ion: 96 Resp: 60205

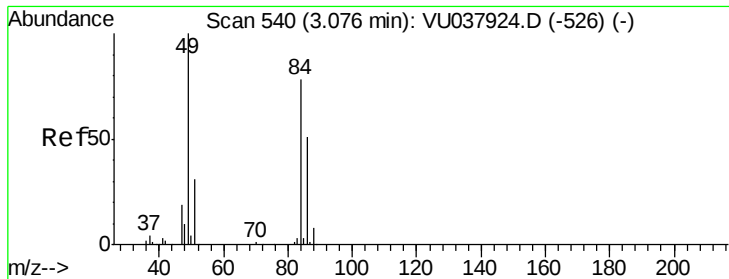
Ion Ratio Lower Upper

96 100

61 196.8 134.1 249.0

63 243.6 96.5 179.1#

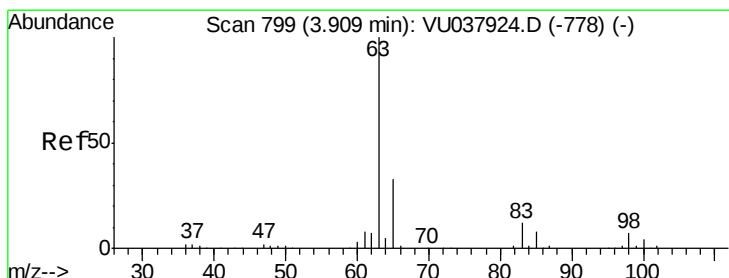
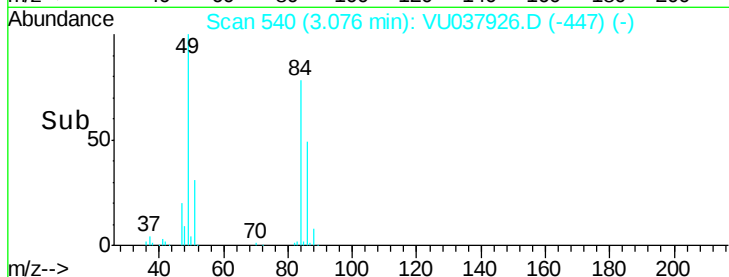
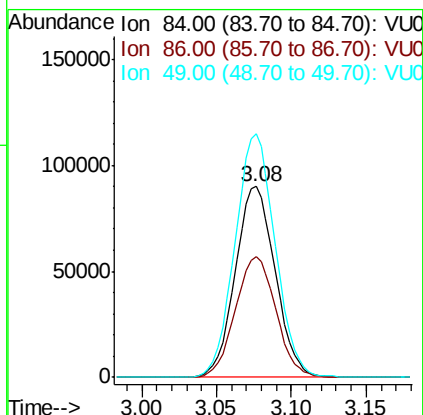
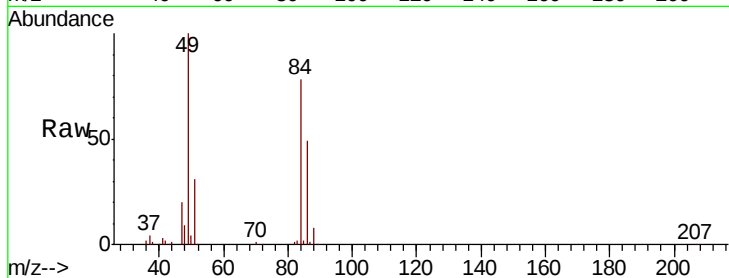




#16
Methvlene chloride
Concen: 34.983 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU037926.D
Acq: 29 Apr 2020 21:32

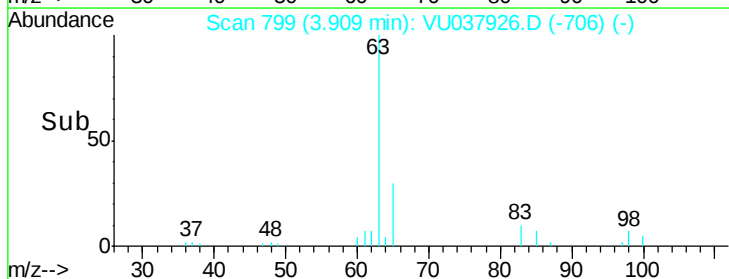
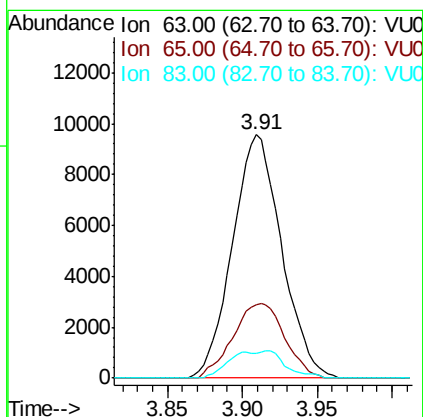
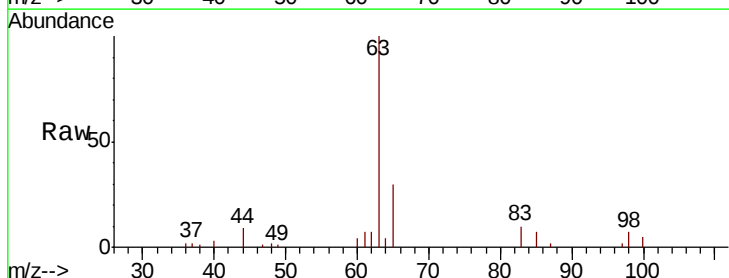
Instrument :
MSVOA_U
ClientSampleId :
C0DA2

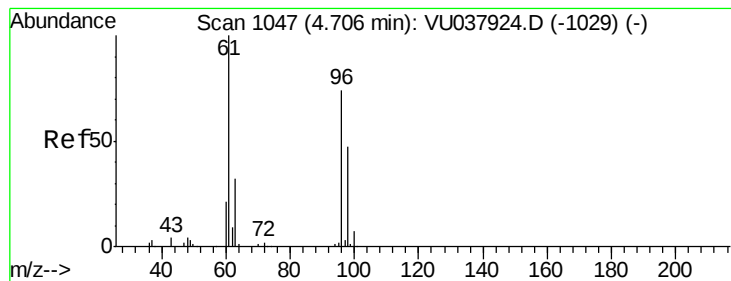
Tot Ion: 84 Resp: 167399
Ion Ratio Lower Upper
84 100
86 63.1 43.5 80.7
49 127.7 95.1 176.7



#19
1,1-Dichloroethane
Concen: 2.402 ug/L
RT: 3.91 min Scan# 799
Delta R.T. 0.00 min
Lab File: VU037926.D
Acq: 29 Apr 2020 21:32

Tgt Ion: 63 Resp: 21803
Ion Ratio Lower Upper
63 100
65 29.9 22.2 41.2
83 10.2 8.6 16.0





#20

cis-1,2-Dichloroethene

Concen: 40.464 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037926.D

Acq: 29 Apr 2020 21:32

Instrument :

MSVOA_U

ClientSampleId :

C0DA2

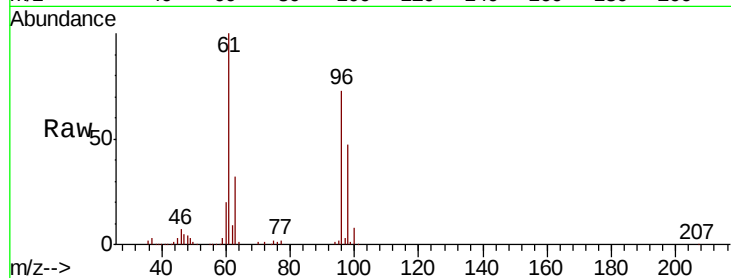
Tot Ion: 96 Resp: 199488

Ion Ratio Lower Upper

96 100

61 136.4 100.4 186.4

68 0.0 0.0 0.0

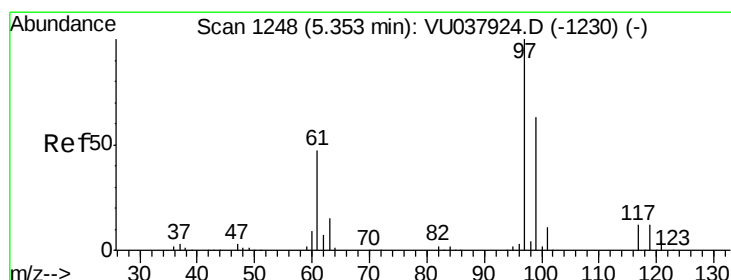
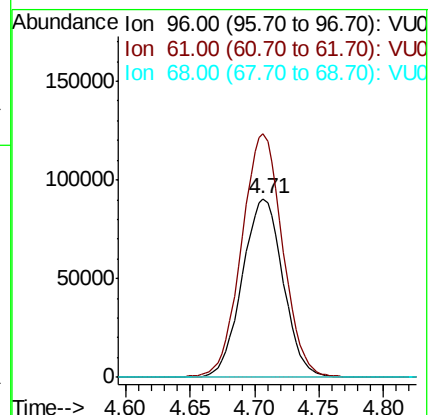
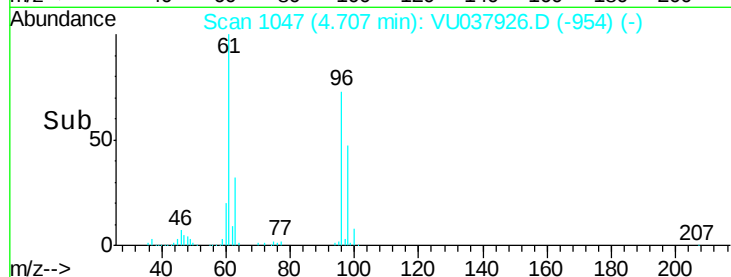


Abundance Ion 96.00 (95.70 to 96.70): VU037926.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037926.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037926.D (-1029) (-)

Time-->



#30

1,1,1-Trichloroethane

Concen: 20.747 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037926.D

Acq: 29 Apr 2020 21:32

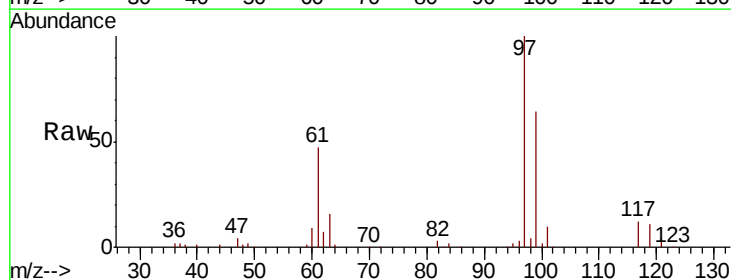
Tgt Ion: 97 Resp: 150129

Ion Ratio Lower Upper

97 100

99 64.2 50.7 76.1

61 48.2 38.9 58.3

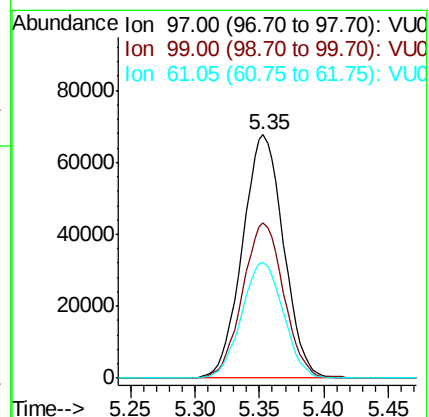
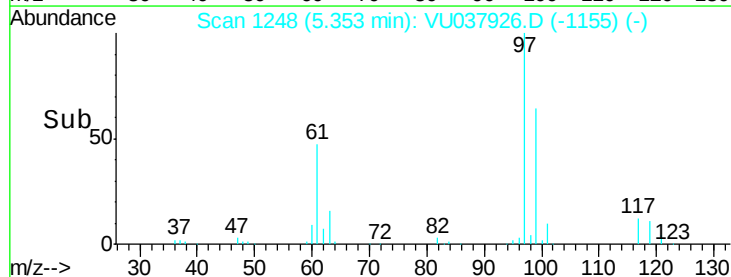


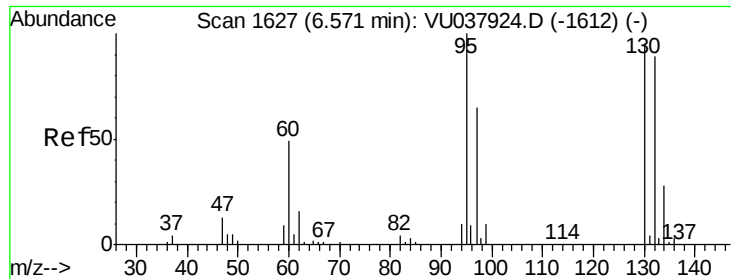
Abundance Ion 97.00 (96.70 to 97.70): VU037926.D (-1230) (-)

Ion 99.00 (98.70 to 99.70): VU037926.D (-1230) (-)

Ion 61.05 (60.75 to 61.75): VU037926.D (-1230) (-)

Time-->





#34

Trichloroethene

Concen: 164.427 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037926.D

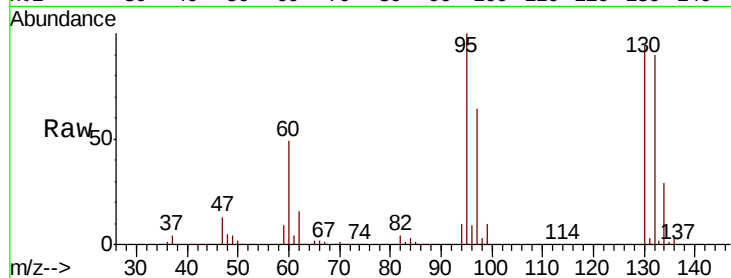
Acq: 29 Apr 2020 21:32

Instrument :

MSVOA_U

ClientSampleId :

C0DA2



Tot Ion: 95 Resp: 793197

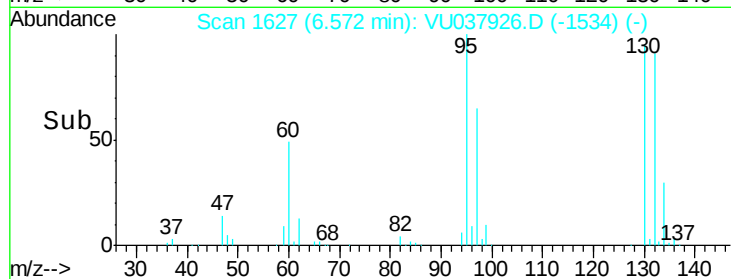
Ion Ratio Lower Upper

95 100

97 63.6 44.4 82.5

132 89.6 65.0 120.6

130 93.7 65.5 121.7



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

