

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037029.D
 Acq On : 03 Mar 2020 17:18
 Operator : JC/MD
 Sample : L1746-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 04 06:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	264176	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251763	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89790	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101346	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.36%
7) Chloroethane-d5	1.93	69	93302	50.83	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.66%
11) 1,1-Dichloroethene-d2	2.59	63	129736	34.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.84%
21) 2-Butanone-d5	4.67	46	153534	103.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.17%
24) Chloroform-d	5.11	84	168247	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.74	65	116623	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.76	84	365318	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.72	67	120858	51.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.48%
41) Toluene-d8	7.92	98	322629	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%
43) trans-1,3-Dichloropropene-	8.20	79	46840	42.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.46%
47) 2-Hexanone-d5	8.66	63	101897	88.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.35%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	160793	48.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.70%
64) 1,2-Dichlorobenzene-d4	12.21	152	92197	52.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.06%

Target Compounds

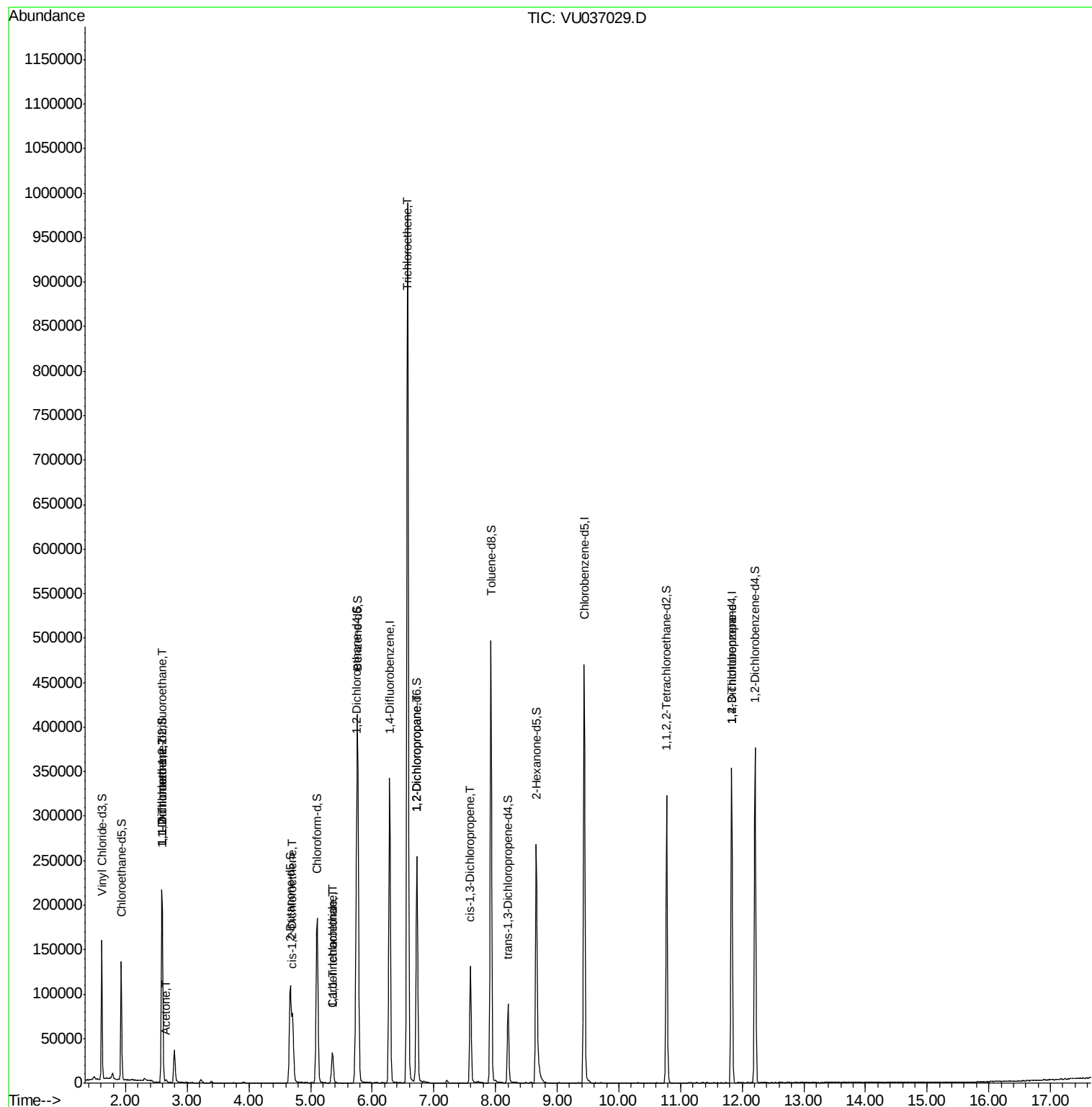
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1451	0.860	ug/L #	25
12) 1,1-Dichloroethene	2.60	96	2473	1.449	ug/L #	1
13) Acetone	2.66	43	3622	2.366	ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	33125	16.162	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	24290	8.999	ug/L	99
31) Carbon tetrachloride	5.36	117	3249	1.536	ug/L	92
34) Trichloroethene	6.57	95	335416	171.581	ug/L	98
37) 1,2-Dichloropropane	6.72	63	12528	5.850	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3245	0.984	ug/L #	77
59) 1,2,3-Trichloropropane	11.83	75	13526	4.910	ug/L	97

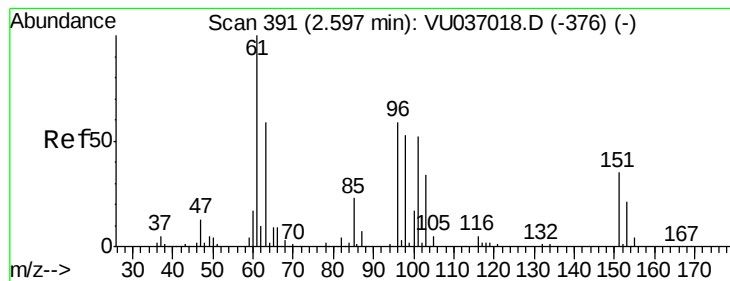
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU030320\
Data File : VU037029.D
Acq On : 03 Mar 2020 17:18
Operator : JC/MD
Sample : L1746-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 04 06:56:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 04 06:53:13 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.860 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

Instrument :

MSVOA_U

ClientSampleId :

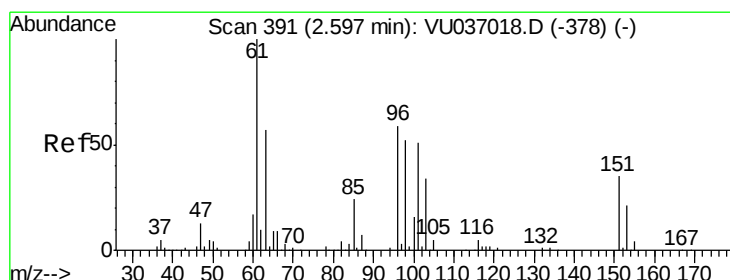
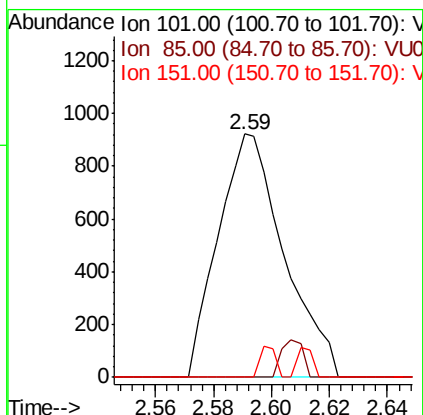
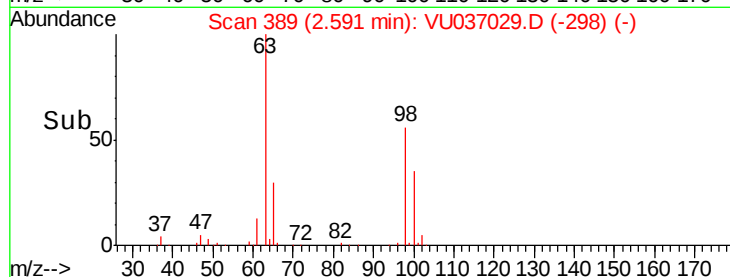
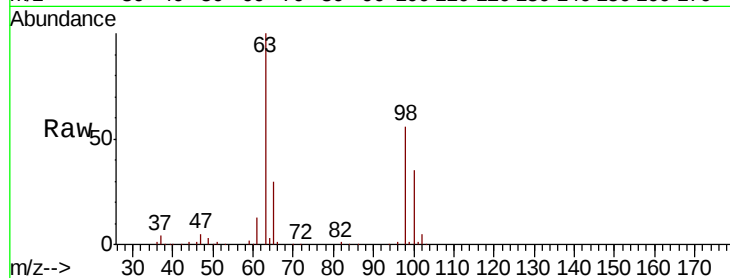
Tot Ion:101 Resp: 1451

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

151 3.0 52.4 78.6#



#12

1,1-Dichloroethene

Concen: 1.449 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.01 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

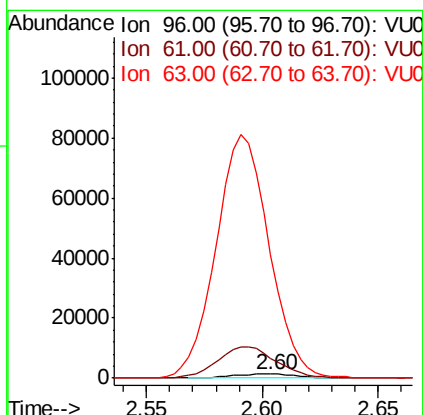
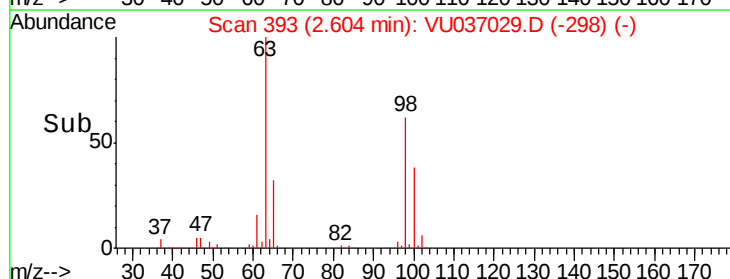
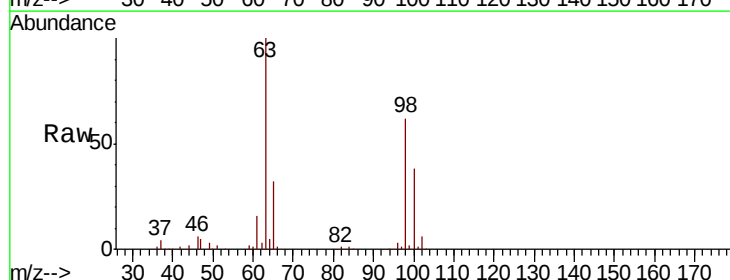
Tgt Ion: 96 Resp: 2473

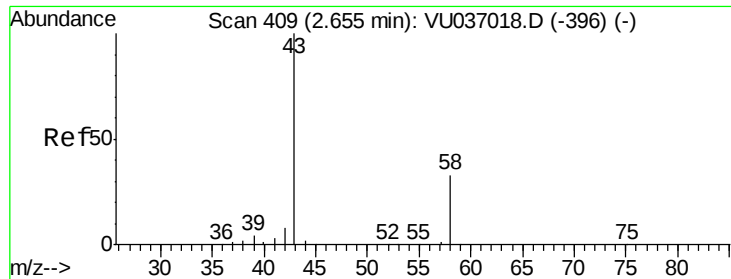
Ion Ratio Lower Upper

96 100

61 490.7 127.5 236.7#

63 3033.1 101.4 188.2#





#13

Acetone

Concen: 2.366 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

Instrument :

MSVOA_U

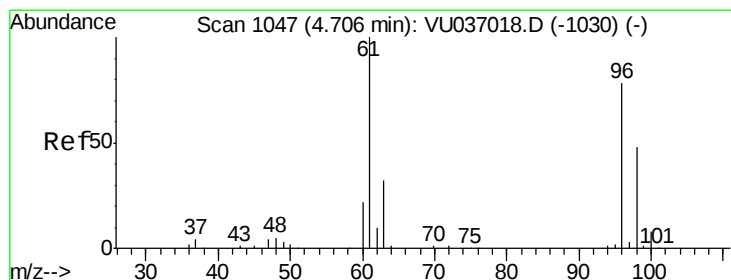
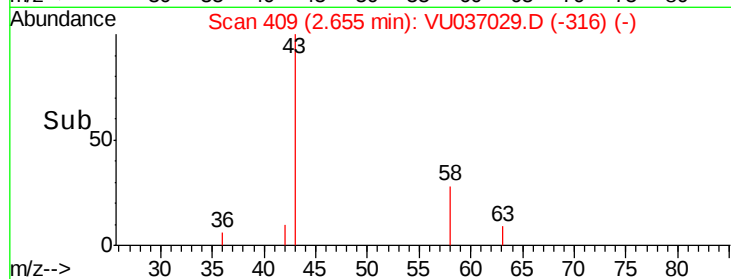
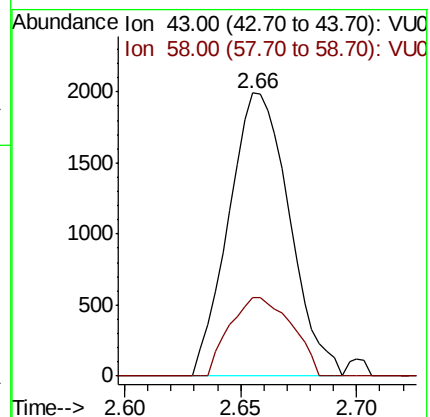
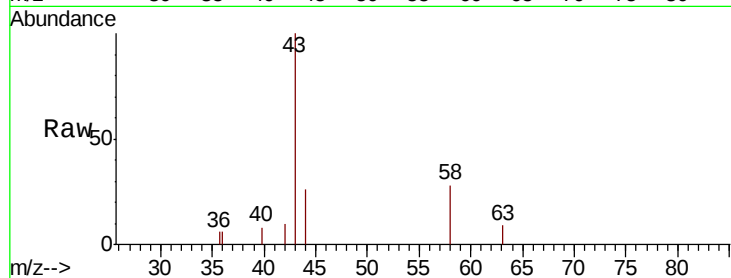
ClientSampled :

Tot Ion: 43 Resp: 3622

Ion Ratio Lower Upper

43 100

58 28.4 0.0 64.6



#20

cis-1,2-Dichloroethene

Concen: 16.162 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

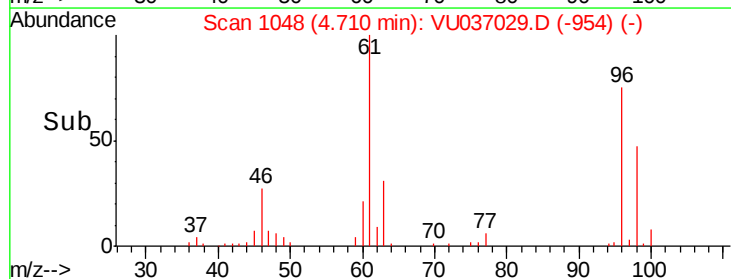
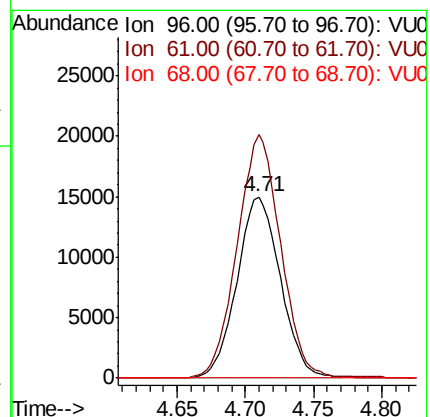
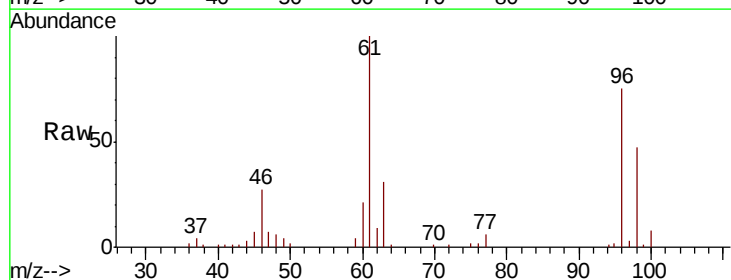
Tgt Ion: 96 Resp: 33125

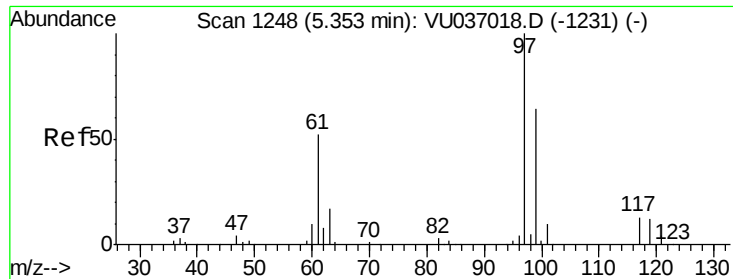
Ion Ratio Lower Upper

96 100

61 134.2 93.1 172.9

68 0.0 0.0 0.0

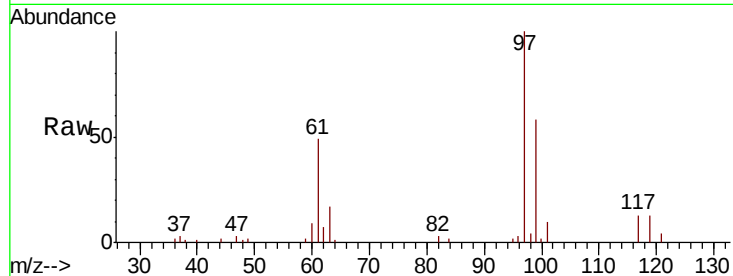




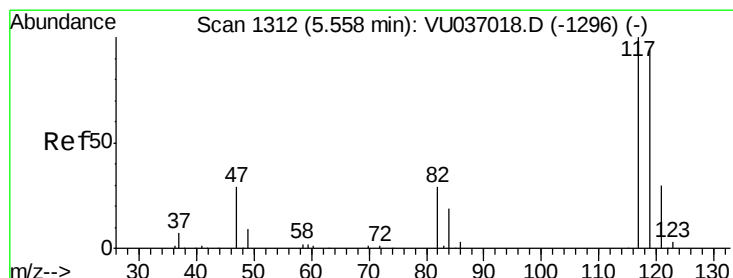
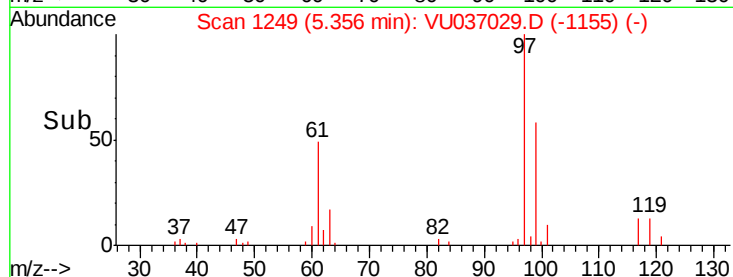
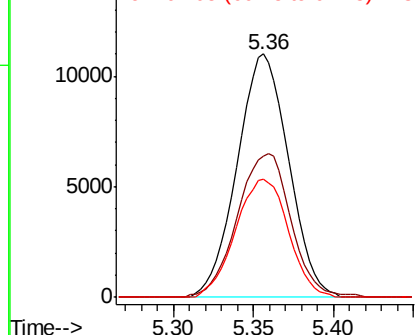
#30
 1,1,1-Trichloroethane
 Concen: 8.999 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU037029.D
 Acq: 03 Mar 2020 17:18

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 97 Resp: 24290
 Ion Ratio Lower Upper
 97 100
 99 61.7 50.4 75.6
 61 49.9 40.3 60.5

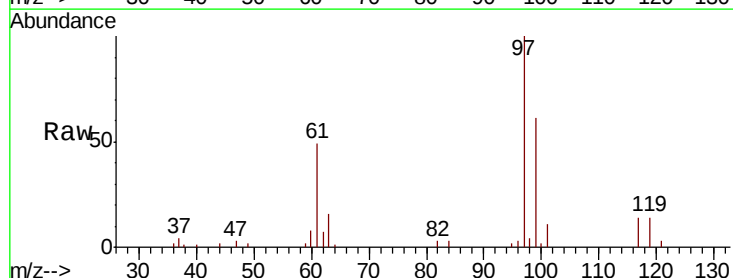


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

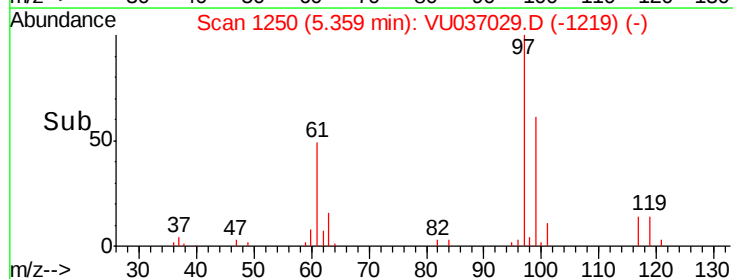
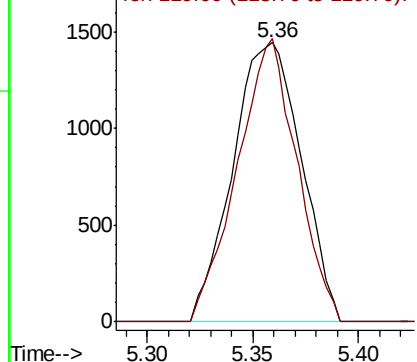


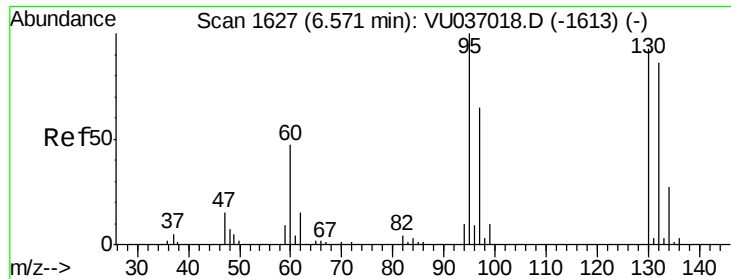
#31
 Carbon tetrachloride
 Concen: 1.536 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. -0.20 min
 Lab File: VU037029.D
 Acq: 03 Mar 2020 17:18

Tgt Ion: 117 Resp: 3249
 Ion Ratio Lower Upper
 117 100
 119 88.6 77.2 115.8



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V





#34

Trichloroethene

Concen: 171.581 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037029.D

Acq: 03 Mar 2020 17:18

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 335416

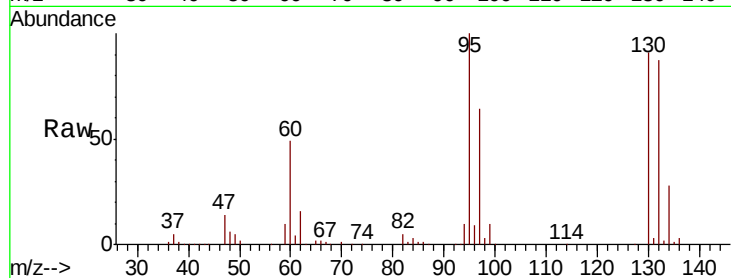
Ion Ratio Lower Upper

95 100

97 64.5 44.1 81.9

132 87.4 60.6 112.6

130 90.7 64.9 120.5

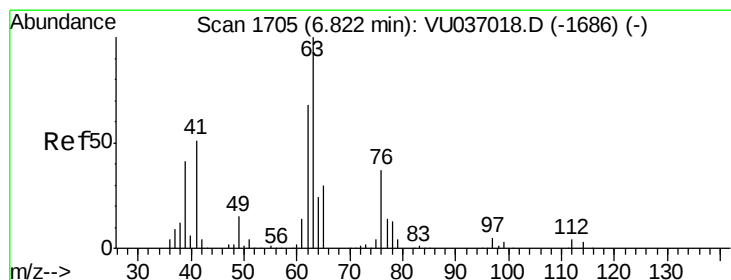
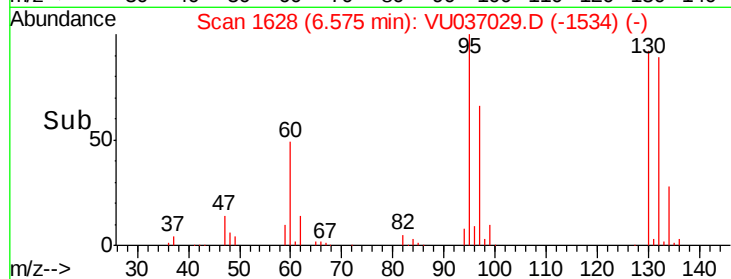
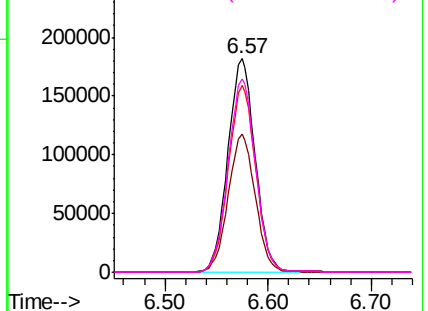


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 5.850 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037029.D

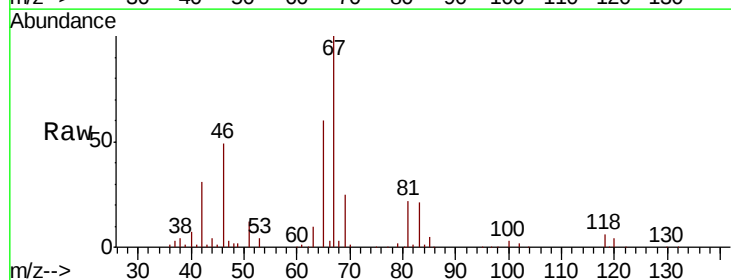
Acq: 03 Mar 2020 17:18

Tgt Ion: 63 Resp: 12528

Ion Ratio Lower Upper

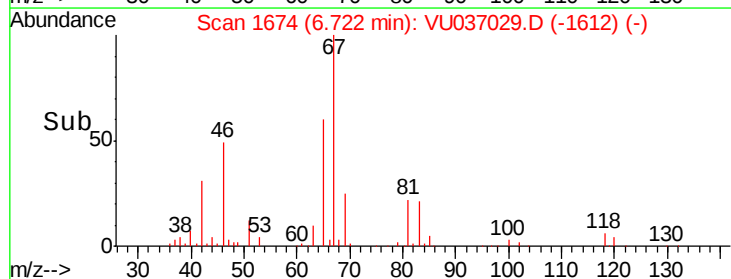
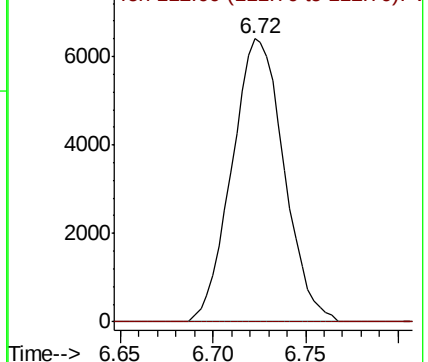
63 100

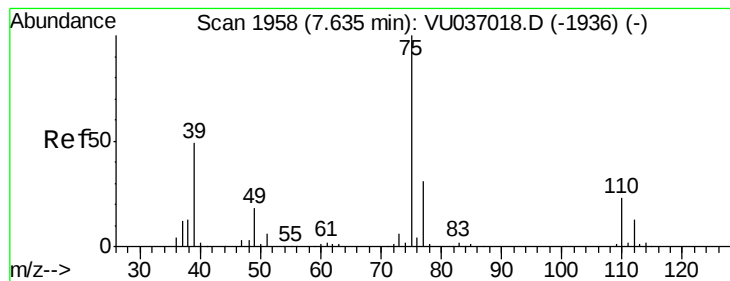
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



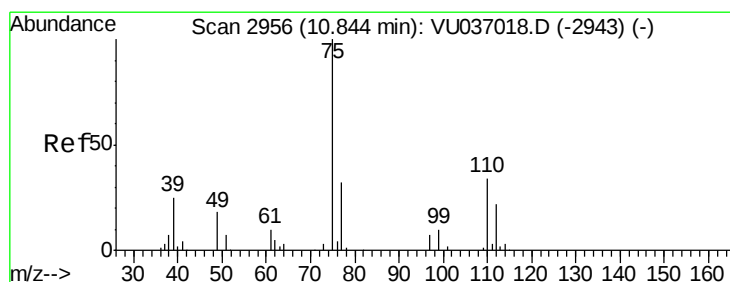
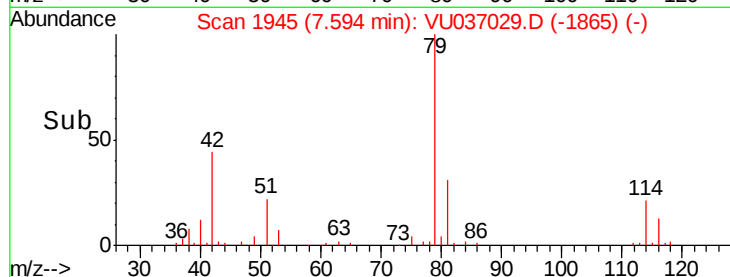
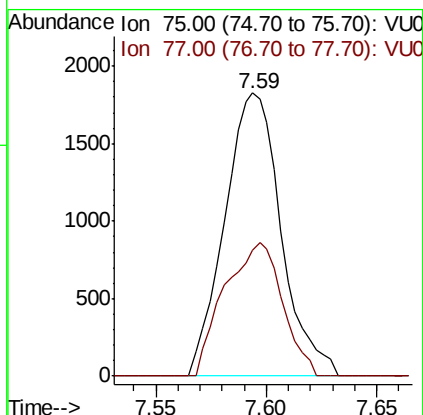
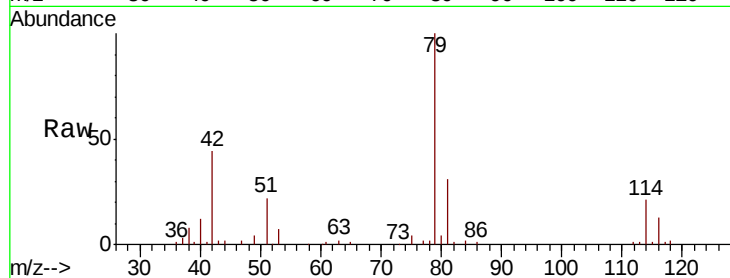


#39

cis-1,3-Dichloropropene
 Concen: 0.984 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037029.D
 Acq: 03 Mar 2020 17:18

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 3245
 Ion Ratio Lower Upper
 75 100
 77 44.5 22.0 41.0#



#59

1,2,3-Trichloropropane
 Concen: 4.910 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU037029.D
 Acq: 03 Mar 2020 17:18

Tgt Ion: 75 Resp: 13526
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.2 39.2

