

Data File : VU037069.D
Acq On : 05 Mar 2020 03:59
Operator : JC/MD
Sample : L1780-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0DJ7

Quant Time: Mar 05 04:27:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260932	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245888	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	83253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93721	42.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.54%
7) Chloroethane-d5	1.92	69	89625	49.43	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.86%
11) 1,1-Dichloroethene-d2	2.59	63	123891	33.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.52%
21) 2-Butanone-d5	4.67	46	155477	105.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.78%
24) Chloroform-d	5.11	84	170059	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	5.74	65	117779	52.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.02%
32) Benzene-d6	5.76	84	369047	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.72	67	124386	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.98%
41) Toluene-d8	7.92	98	327615	49.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.32%
43) trans-1,3-Dichloropropene-	8.20	79	49048	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.62%
47) 2-Hexanone-d5	8.66	63	107947	95.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.83%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	170683	52.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.10%
64) 1,2-Dichlorobenzene-d4	12.21	152	90393	55.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.08%

Target Compounds

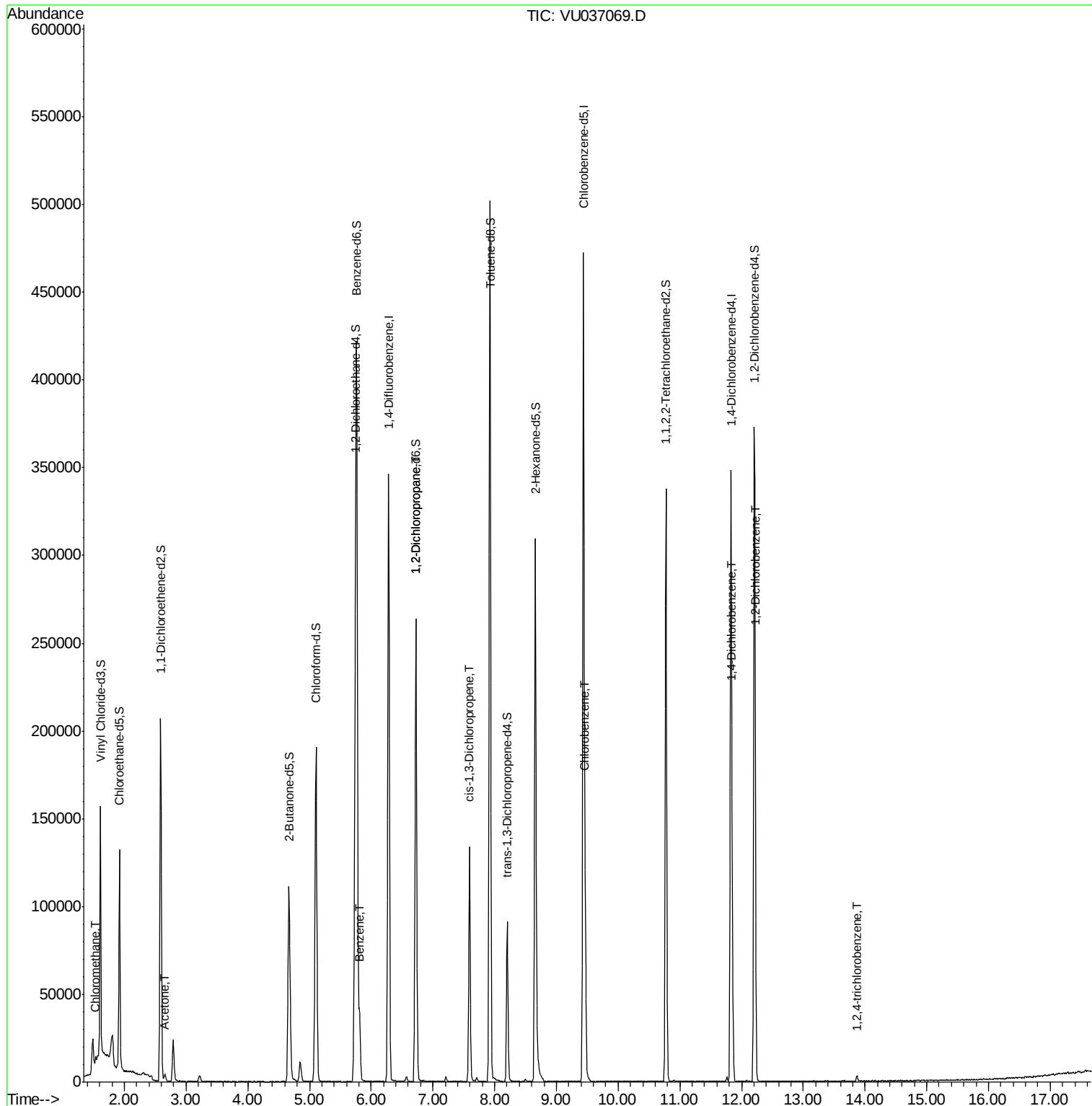
					Qvalue
3) Chloromethane	1.53	50	3113	1.223 ug/L	99
13) Acetone	2.66	43	3444	2.278 ug/L	99
33) Benzene	5.81	78	35346	4.550 ug/L	100
37) 1,2-Dichloropropane	6.72	63	13173	6.298 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3152	0.978 ug/L #	62
51) Chlorobenzene	9.47	112	49641	10.123 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	22523	8.441 ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	12515	4.641 ug/L	91
68) 1,2,4-trichlorobenzene	13.87	180	1198	0.933 ug/L	94

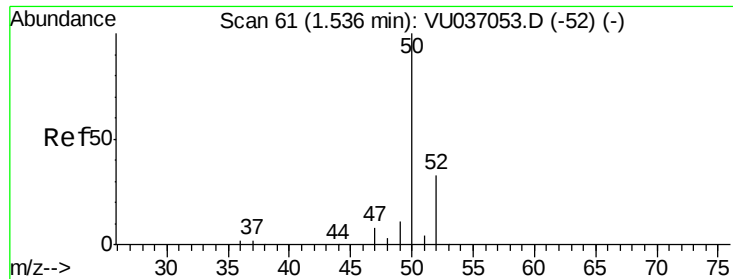
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.223 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU037069.D

Acq: 05 Mar 2020 03:59

Instrument :

MSVOA_U

ClientSampleId :

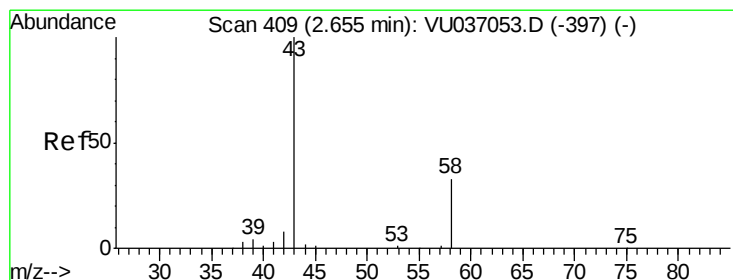
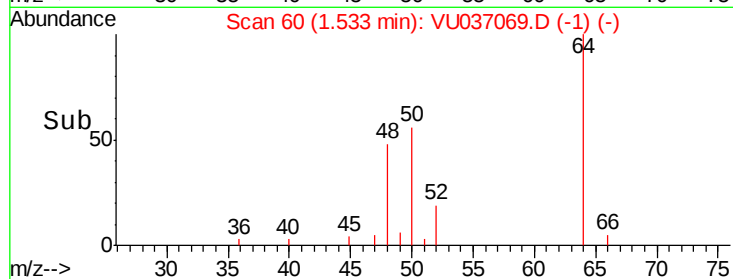
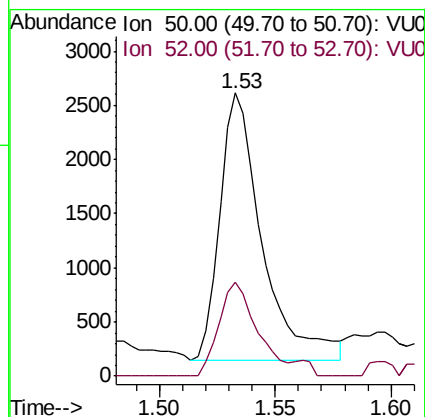
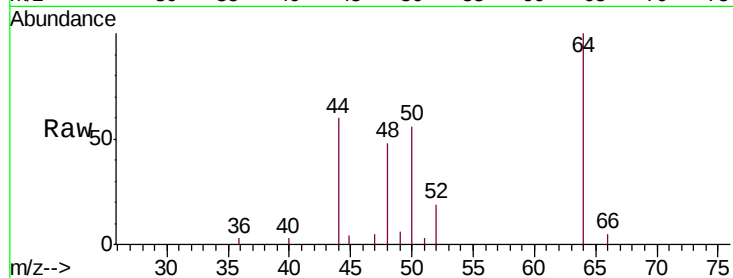
C0DJ7

Tgt Ion: 50 Resp: 3113

Ion Ratio Lower Upper

50 100

52 33.2 23.0 42.6



#13

Acetone

Concen: 2.278 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU037069.D

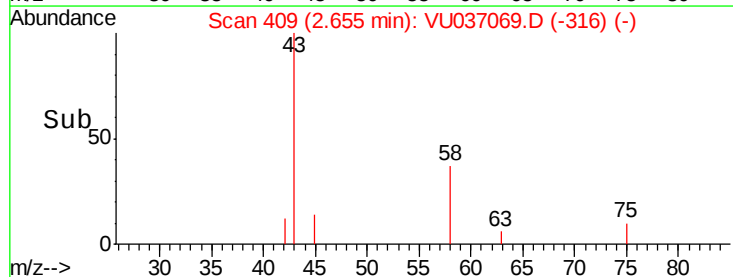
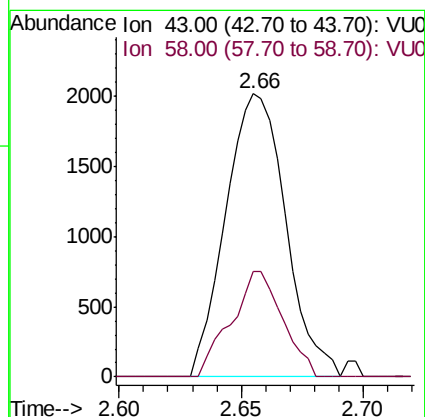
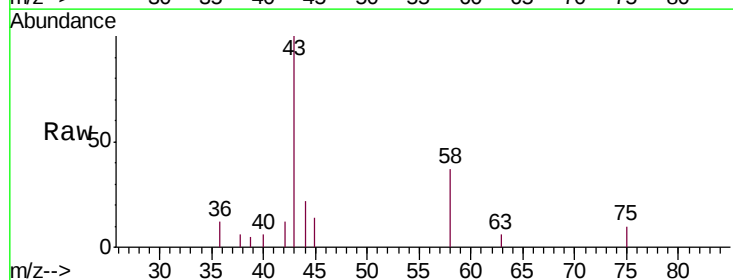
Acq: 05 Mar 2020 03:59

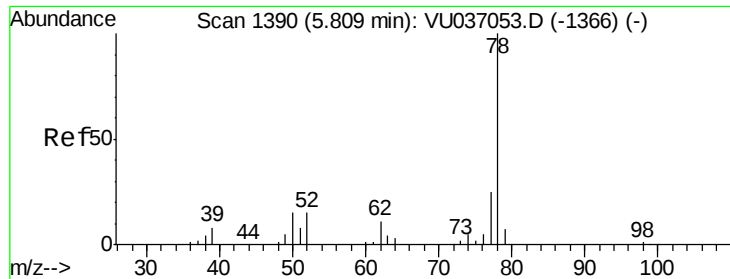
Tgt Ion: 43 Resp: 3444

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.6





#33

Benzene

Concen: 4.550 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU037069.D

Acq: 05 Mar 2020 03:59

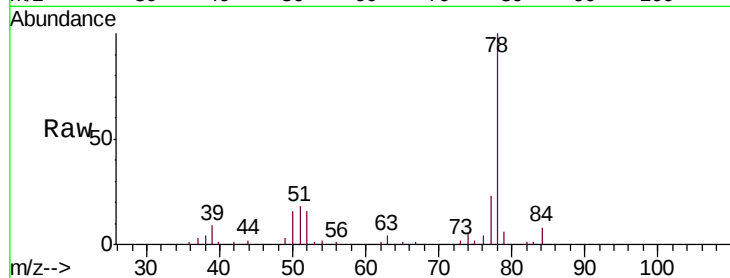
Instrument :

MSVOA_U

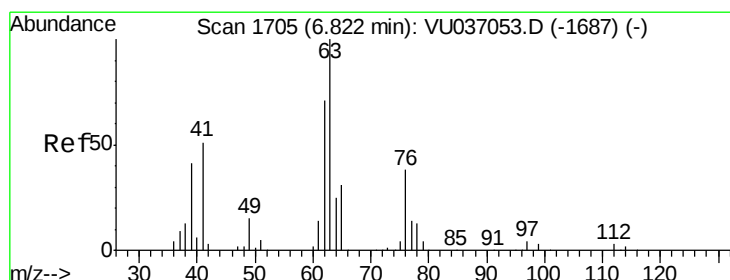
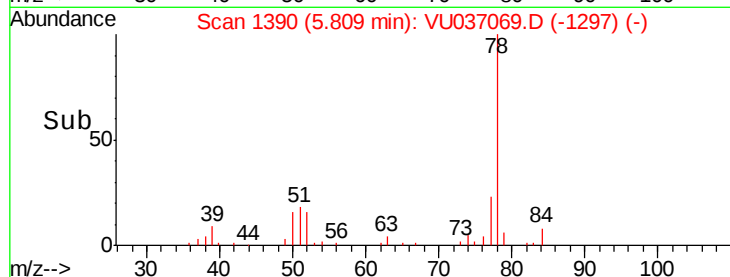
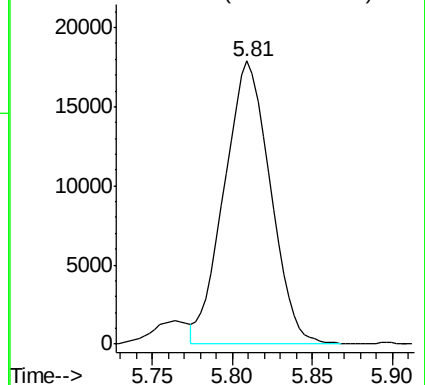
ClientSampleId :

C0DJ7

Tgt Ion: 78 Resp: 35346



Abundance Ion 78.00 (77.70 to 78.70): VU0



#37

1,2-Dichloropropane

Concen: 6.298 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037069.D

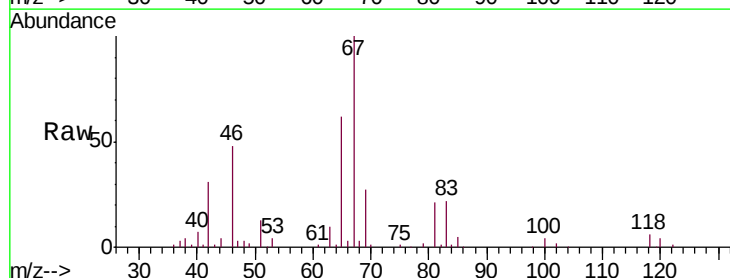
Acq: 05 Mar 2020 03:59

Tgt Ion: 63 Resp: 13173

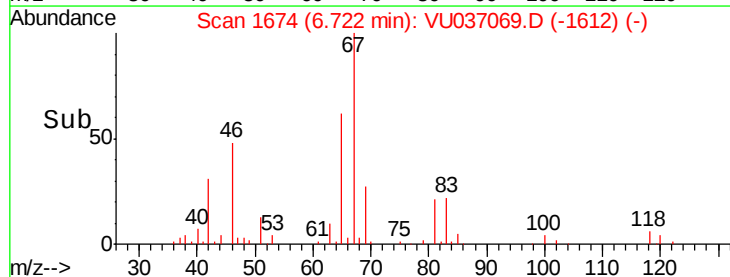
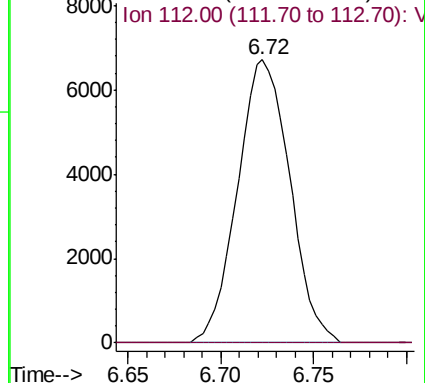
Ion Ratio Lower Upper

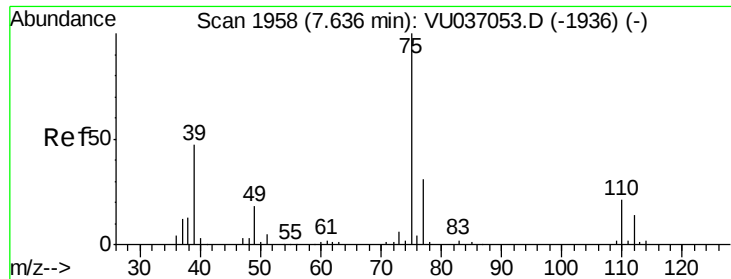
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

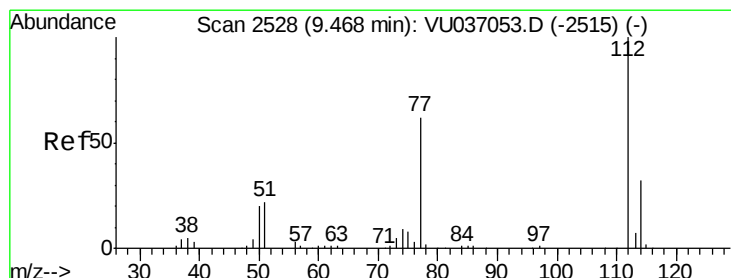
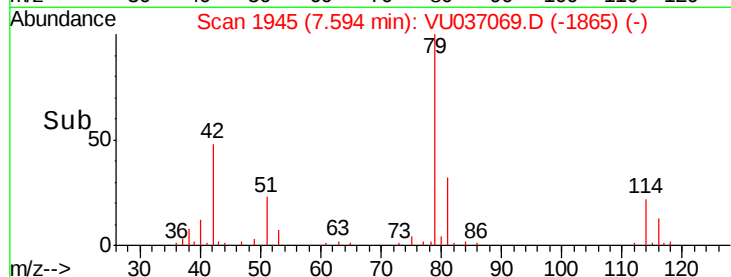
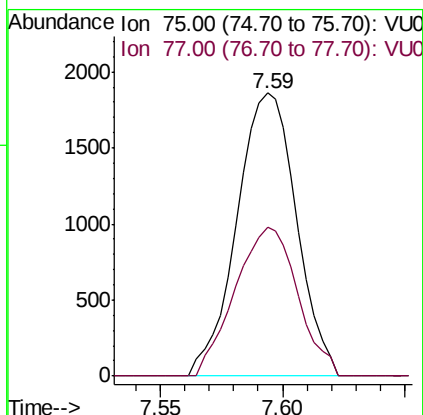
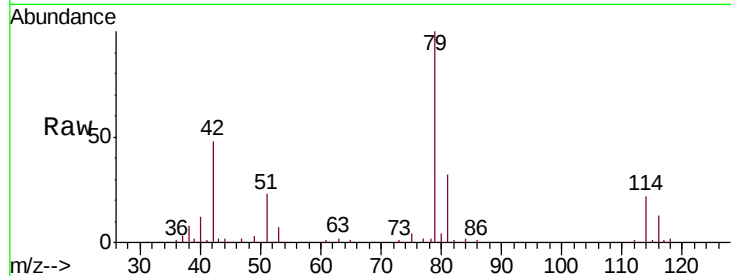




#39
 cis-1,3-Dichloropropene
 Concen: 0.978 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037069.D
 Acq: 05 Mar 2020 03:59

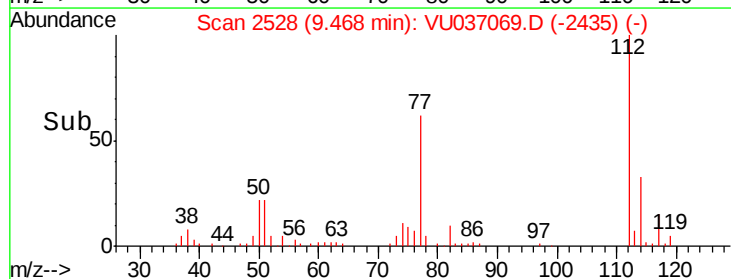
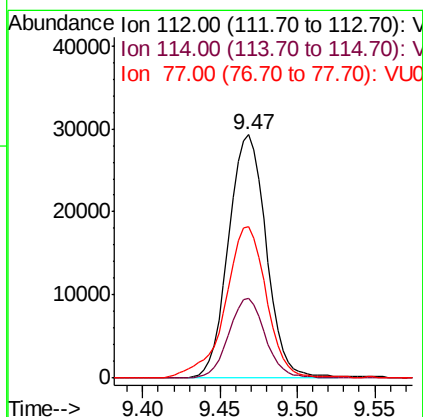
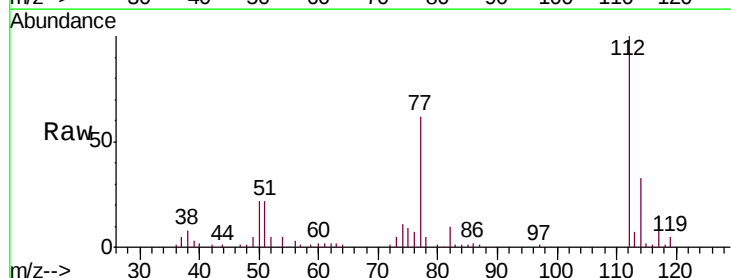
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ7

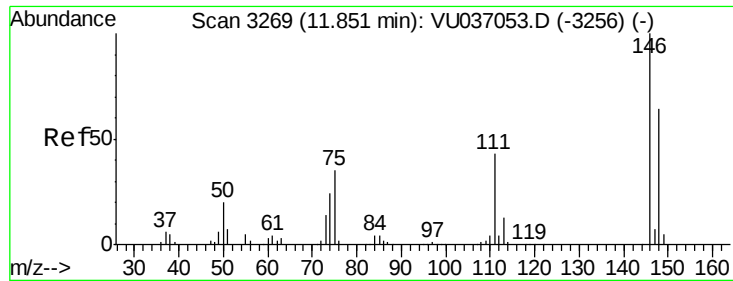
Tgt Ion: 75 Resp: 3152
 Ion Ratio Lower Upper
 75 100
 77 52.5 22.0 41.0#



#51
 Chlorobenzene
 Concen: 10.123 ug/L
 RT: 9.47 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: VU037069.D
 Acq: 05 Mar 2020 03:59

Tgt Ion: 112 Resp: 49641
 Ion Ratio Lower Upper
 112 100
 114 32.9 22.3 41.5
 77 62.0 50.1 75.1





#63

1,4-Dichlorobenzene

Concen: 8.441 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU037069.D

Acq: 05 Mar 2020 03:59

Instrument :

MSVOA_U

ClientSampled :

C0DJ7

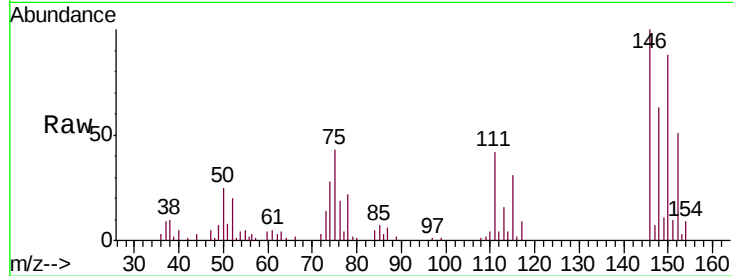
Tgt Ion:146 Resp: 22523

Ion Ratio Lower Upper

146 100

111 42.3 29.8 55.4

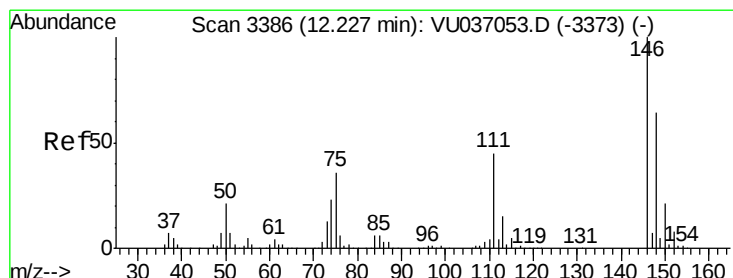
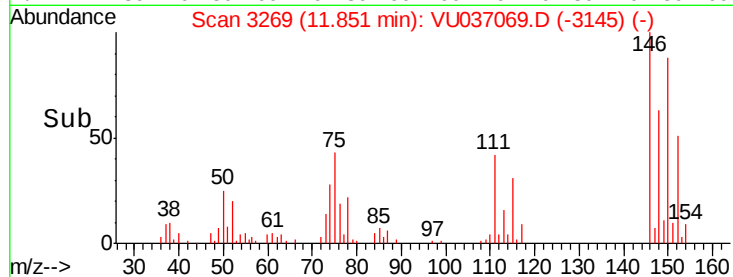
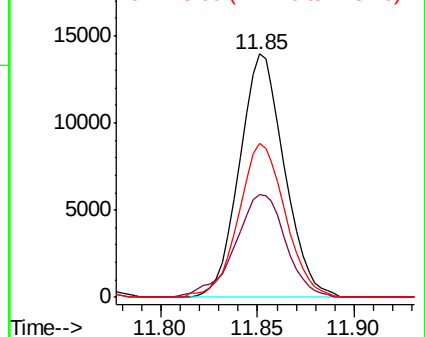
148 63.4 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 4.641 ug/L

RT: 12.23 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU037069.D

Acq: 05 Mar 2020 03:59

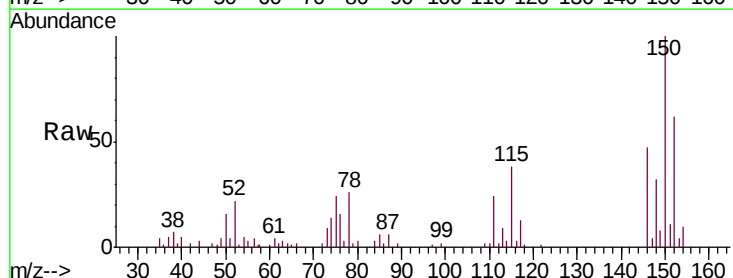
Tgt Ion:146 Resp: 12515

Ion Ratio Lower Upper

146 100

111 50.7 35.4 53.0

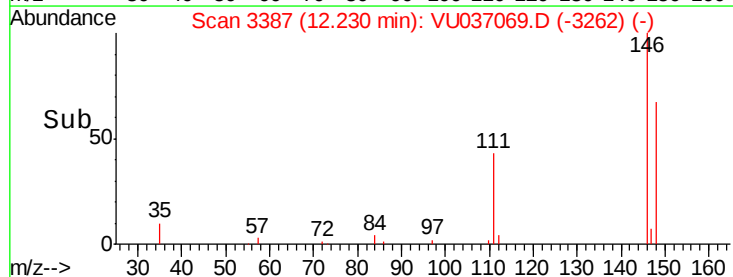
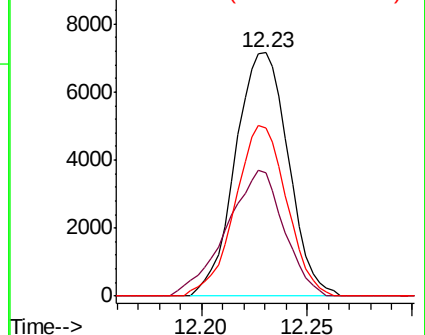
148 69.3 50.5 75.7

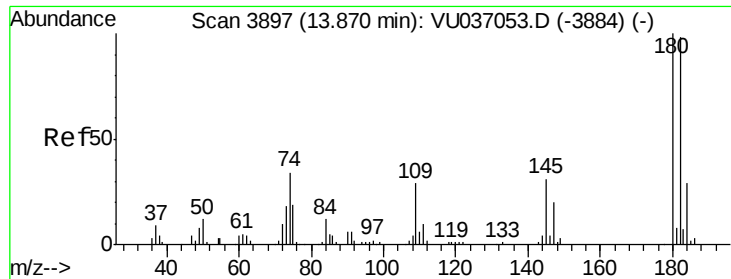


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2,4-trichlorobenzene

Concen: 0.933 ug/L

RT: 13.87 min Scan# 3897

Delta R.T. -0.00 min

Lab File: VU037069.D

Acq: 05 Mar 2020 03:59

Instrument :

MSVOA_U

ClientSampleId :

C0DJ7

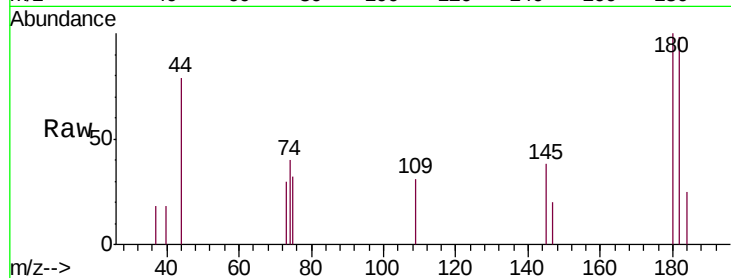
Tgt Ion:180 Resp: 1198

Ion Ratio Lower Upper

180 100

182 100.1 75.3 112.9

145 35.5 26.2 39.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

