

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038518.D
 Acq On : 03 Jun 2020 17:03
 Operator : SY/MD
 Sample : L2873-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM6

Quant Time: Jun 04 01:50:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 04 01:48:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299707	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	295150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	141380	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101274	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.93	69	59250	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.60	63	167876	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.68	46	371017	62.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.92%
24) Chloroform-d	5.10	84	176901	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	109397	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.76	84	335805	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.72	67	111237	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.92	98	279176	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	44965	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	306176	63.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103634	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	124141	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.62	50	37424	1.725	ug/L #	44
5) Vinyl chloride	1.62	62	5803658	249.702	ug/L	97
12) 1,1-Dichloroethene	2.61	96	124587	6.750	ug/L #	84
13) Acetone	2.68	43	3270	0.848	ug/L	91
14) Carbon disulfide	2.83	76	8246	0.132	ug/L #	92
18) trans-1,2-Dichloroethene	3.39	96	52855	2.657	ug/L	95
19) 1,1-Dichloroethane	3.91	63	92851	2.608	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	18601363	868.468	ug/L	73
33) Benzene	5.81	78	240632	2.924	ug/L	100
34) Trichloroethene	6.57	95	4424679	207.131	ug/L	99
35) Methylcyclohexane	6.72	83	26160	0.791	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12798	0.618	ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3061	0.100	ug/L #	54
48) 2-Hexanone	8.71	43	11857	1.057	ug/L #	92
51) Chlorobenzene	9.47	112	54052	0.971	ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	23477	1.519	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	11662	0.281	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
Data File : VU038518.D
Acq On : 03 Jun 2020 17:03
Operator : SY/MD
Sample : L2873-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETTM6

Quant Time: Jun 04 01:50:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 04 01:48:03 2020
Response via : Initial Calibration

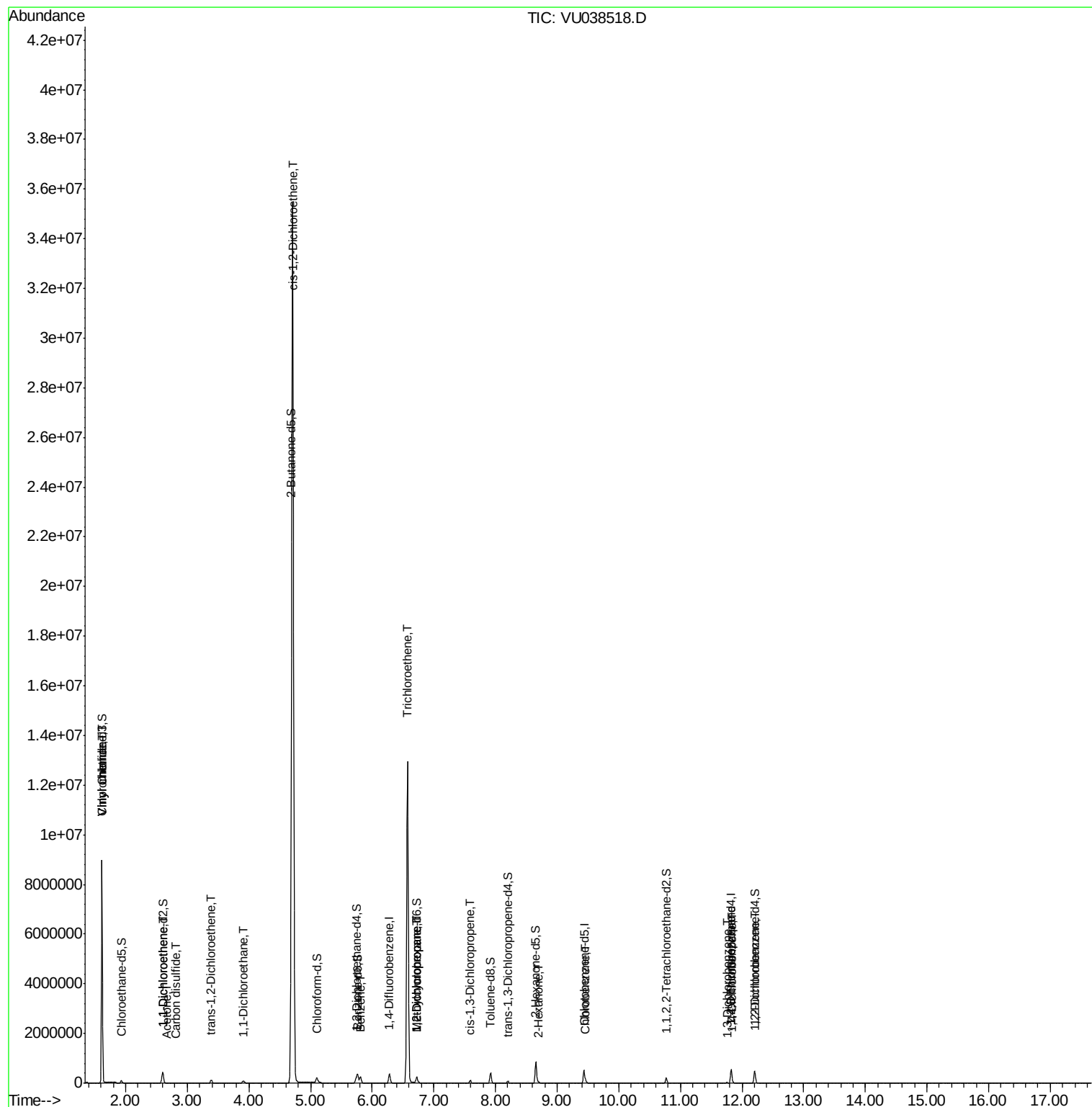
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.85	146	17288	0.410	ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	16275	0.413	ug/L	96

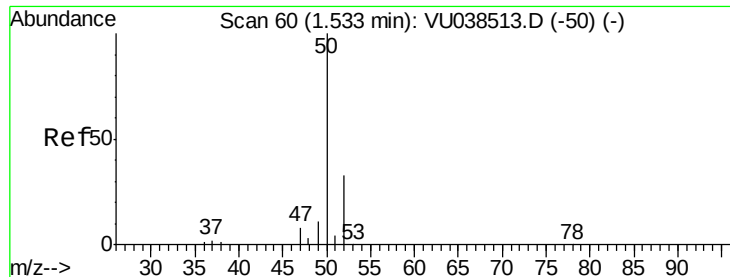
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
Data File : VU038518.D
Acq On : 03 Jun 2020 17:03
Operator : SY/MD
Sample : L2873-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETTM6

Quant Time: Jun 04 01:50:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 04 01:48:03 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.725 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.08 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

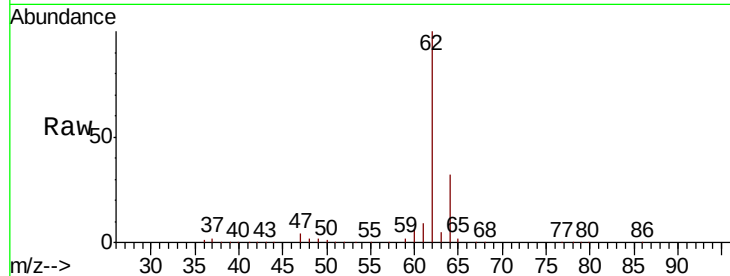
ETTM6

Tot Ion: 50 Resp: 37424

Ion Ratio Lower Upper

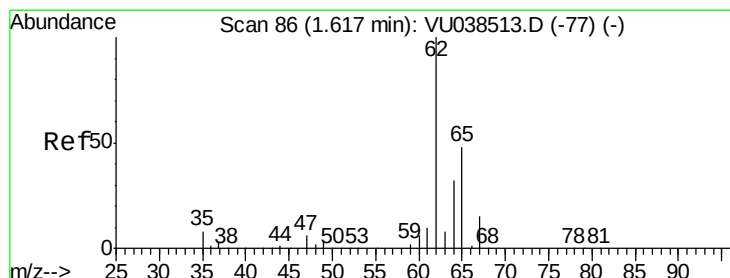
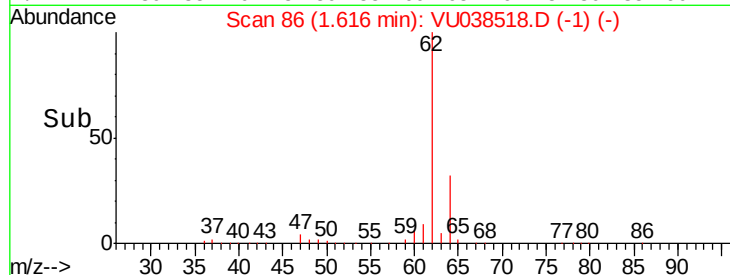
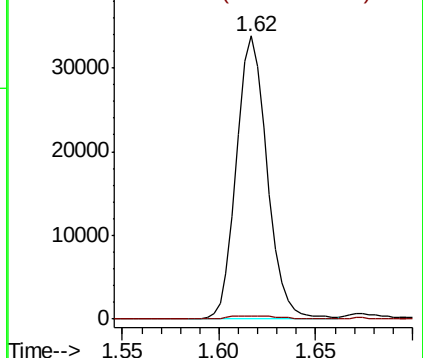
50 100

52 1.2 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 249.702 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038518.D

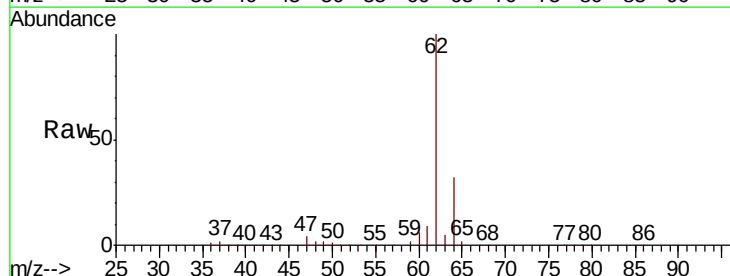
Acq: 03 Jun 2020 17:03

Tgt Ion: 62 Resp: 5803658

Ion Ratio Lower Upper

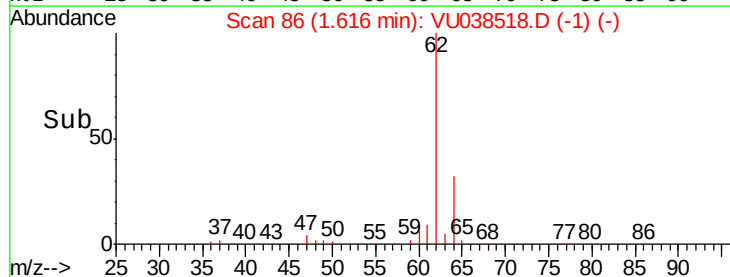
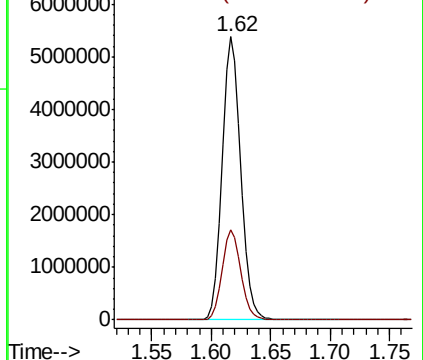
62 100

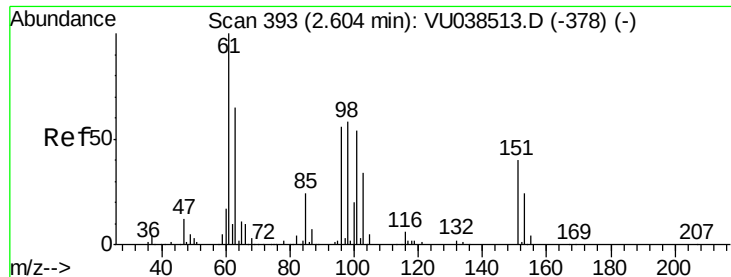
64 31.9 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#12

1,1-Dichloroethene

Concen: 6.750 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

ETTM6

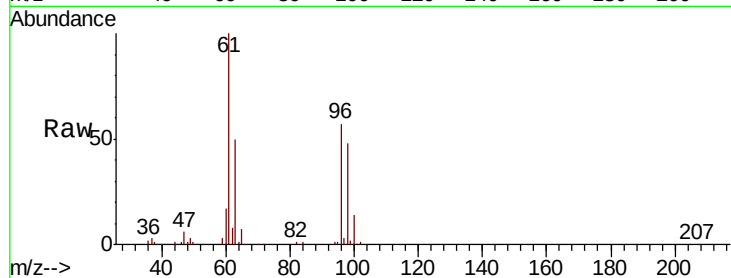
Tot Ion: 96 Resp: 124587

Ion Ratio Lower Upper

96 100

61 174.9 119.9 222.7

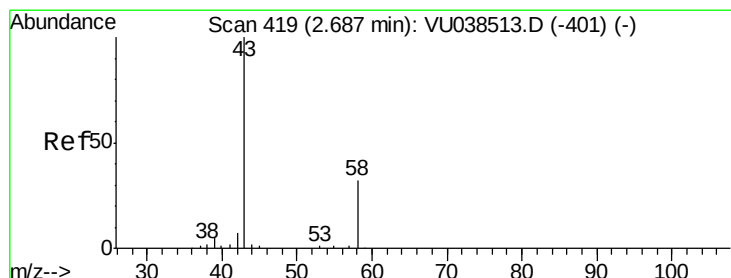
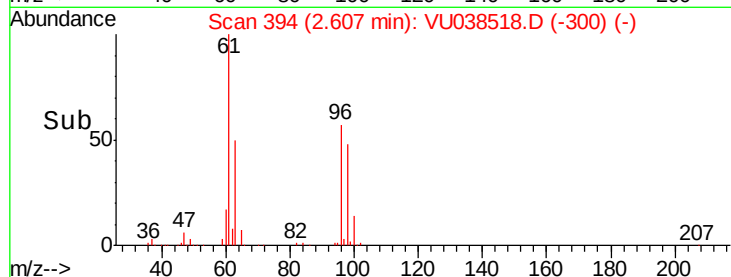
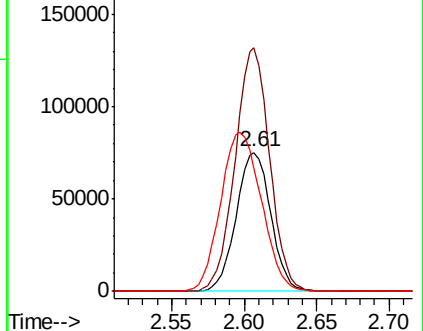
63 88.3 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 0.848 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038518.D

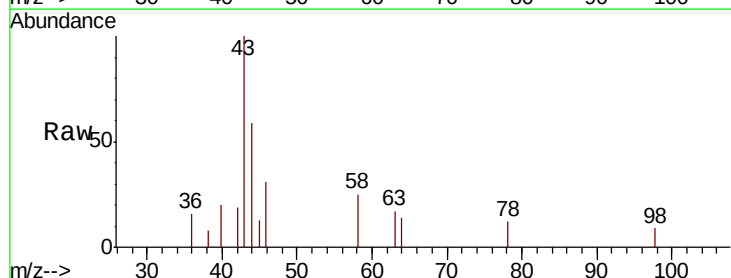
Acq: 03 Jun 2020 17:03

Tgt Ion: 43 Resp: 3270

Ion Ratio Lower Upper

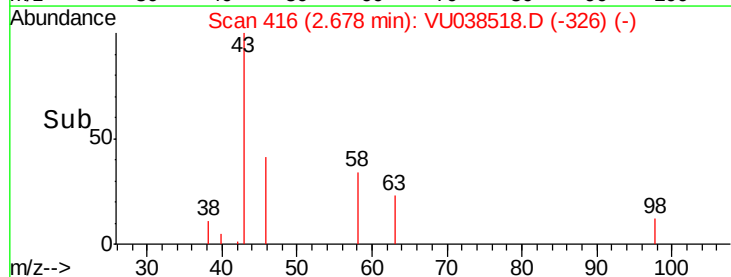
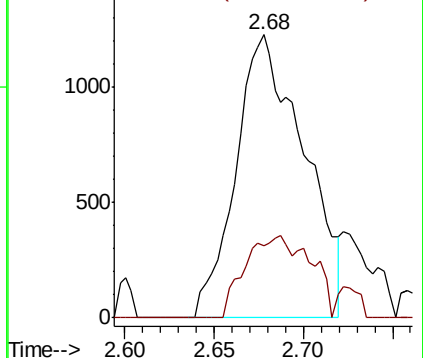
43 100

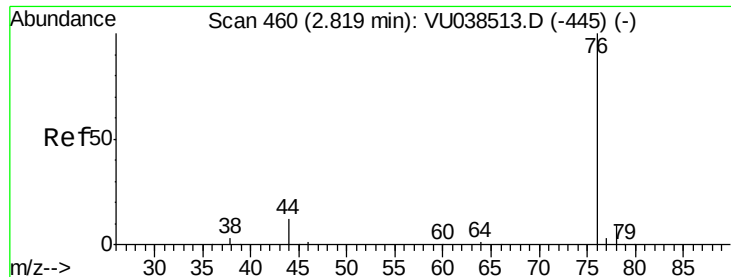
58 28.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.132 ug/L

RT: 2.83 min Scan# 464

Delta R.T. 0.01 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

Instrument :

MSVOA_U

ClientSampled :

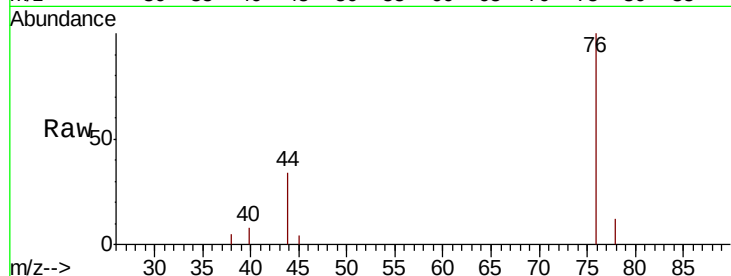
ETTM6

Tot Ion: 76 Resp: 8246

Ion Ratio Lower Upper

76 100

78 12.0 7.3 10.9#

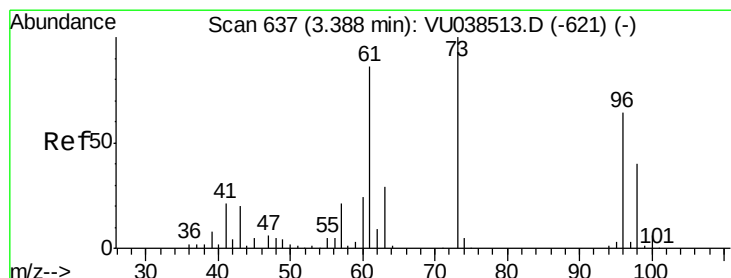
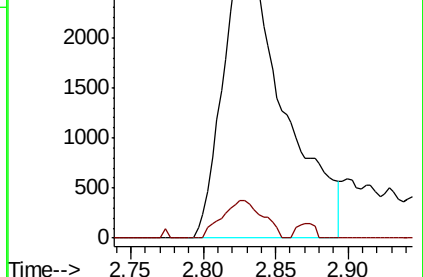
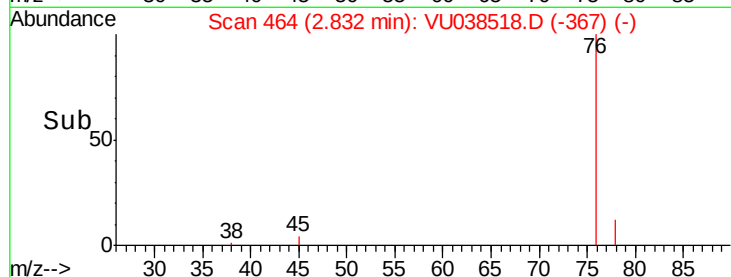


Abundance Ion 76.05 (75.75 to 76.75): VU038518.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU038518.D (-367) (-)

2.83

Time-->



#18

trans-1,2-Dichloroethene

Concen: 2.657 ug/L

RT: 3.39 min Scan# 637

Delta R.T. -0.00 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

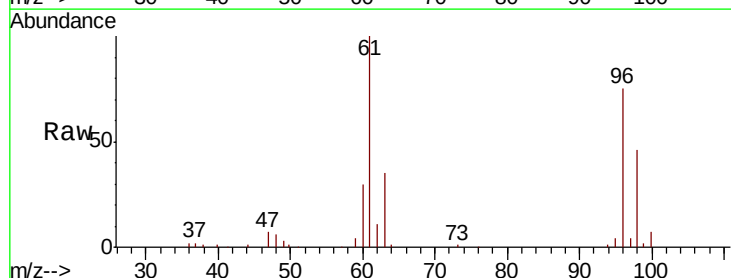
Tgt Ion: 96 Resp: 52855

Ion Ratio Lower Upper

96 100

61 133.8 100.2 186.0

98 61.5 42.8 79.4



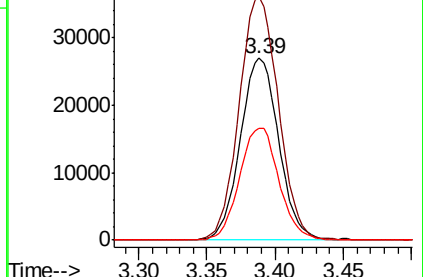
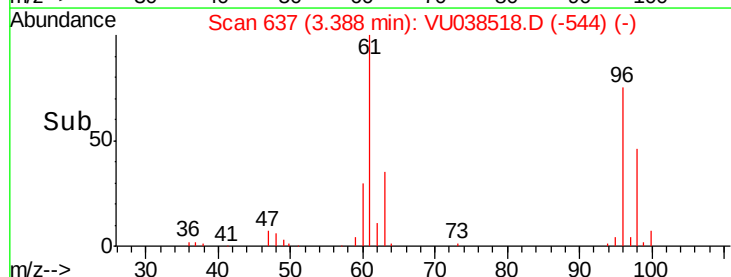
Abundance Ion 96.00 (95.70 to 96.70): VU038518.D (-544) (-)

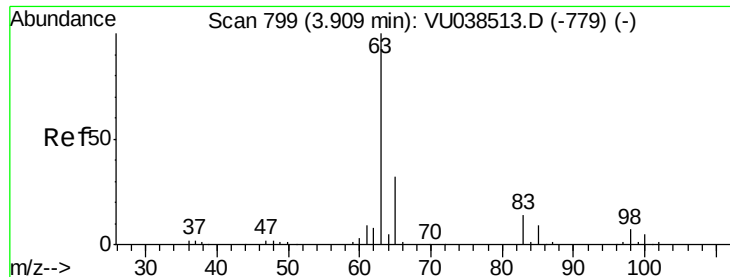
Ion 61.05 (60.75 to 61.75): VU038518.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU038518.D (-544) (-)

3.39

Time-->





#19

1,1-Dichloroethane

Concen: 2.608 ug/L

RT: 3.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

ETTM6

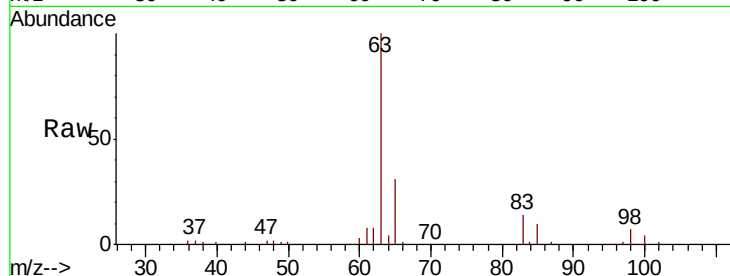
Tot Ion: 63 Resp: 92851

Ion Ratio Lower Upper

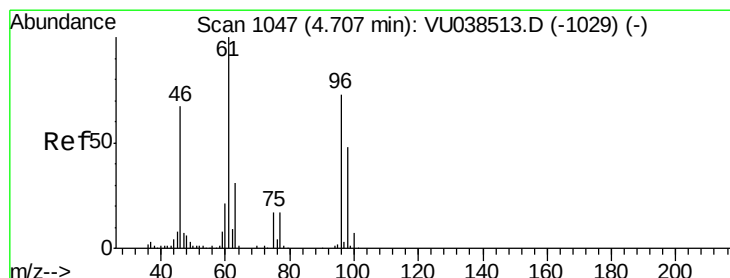
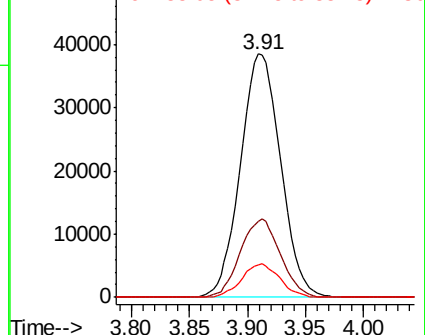
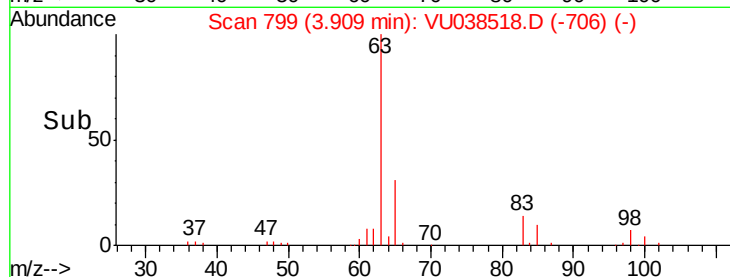
63 100

65 31.3 22.3 41.5

83 13.5 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038518.D (-706) (-)



#22

cis-1,2-Dichloroethene

Concen: 868.468 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

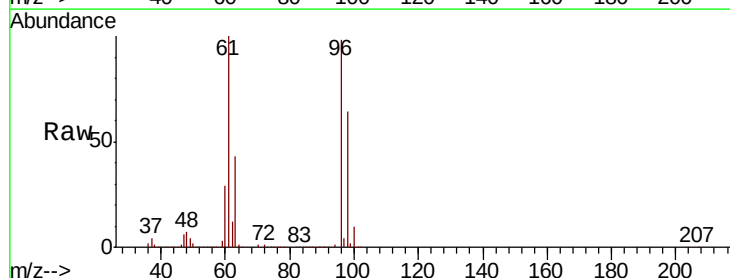
Tgt Ion: 96 Resp:18601363

Ion Ratio Lower Upper

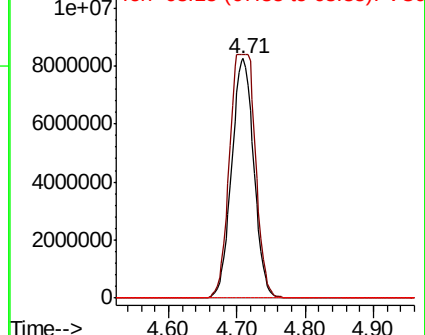
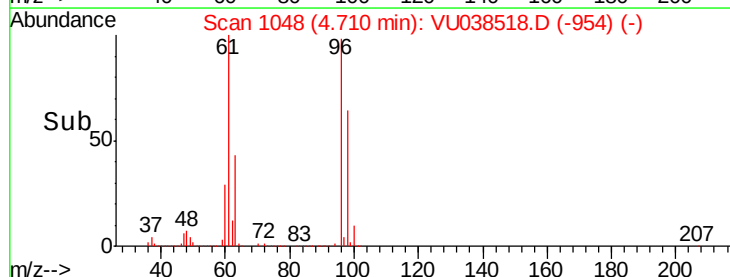
96 100

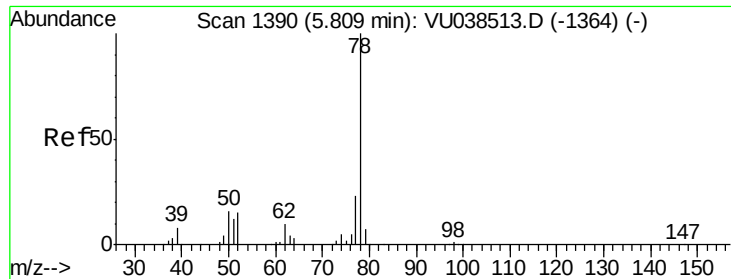
61 101.7 94.0 174.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038518.D (-954) (-)





#33

Benzene

Concen: 2.924 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

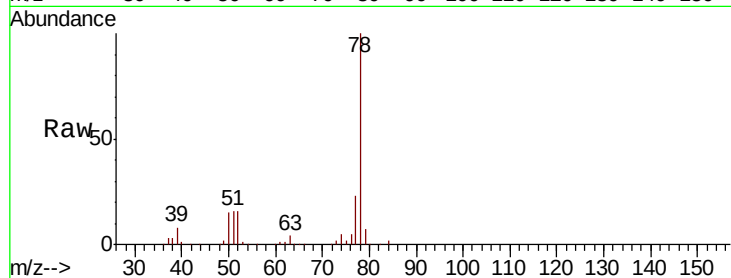
Instrument :

MSVOA_U

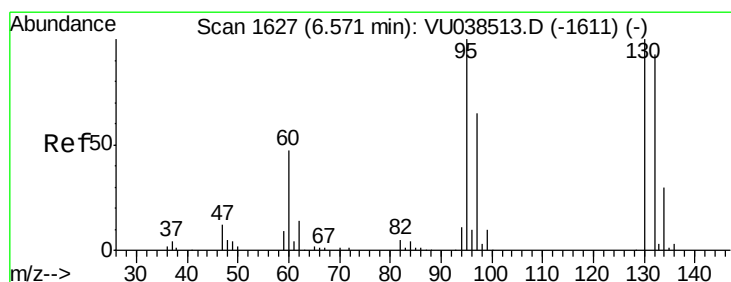
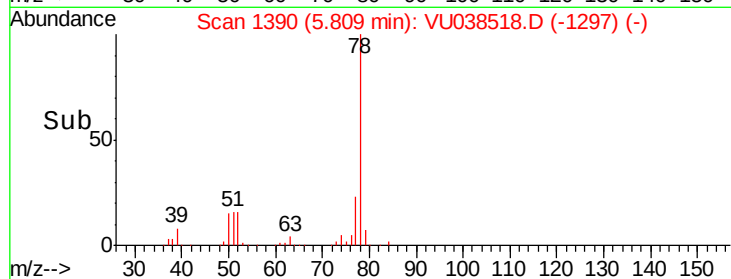
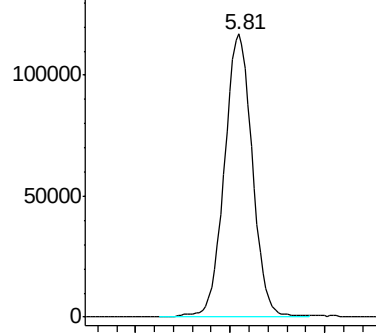
ClientSampleId :

ETTM6

Tgt Ion: 78 Resp: 240632



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 207.131 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

Tgt Ion: 95 Resp: 4424679

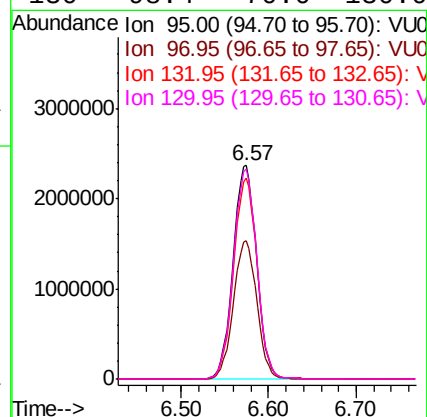
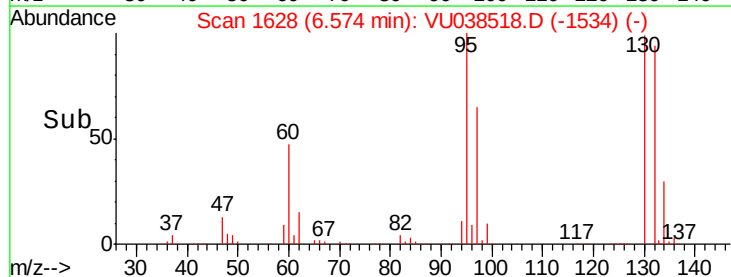
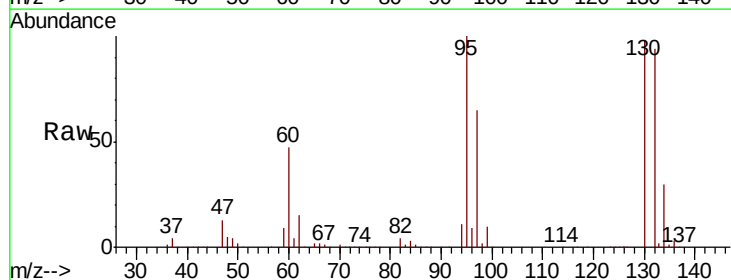
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.8	87.0
132	94.3	66.1	122.7
130	98.4	70.0	130.0

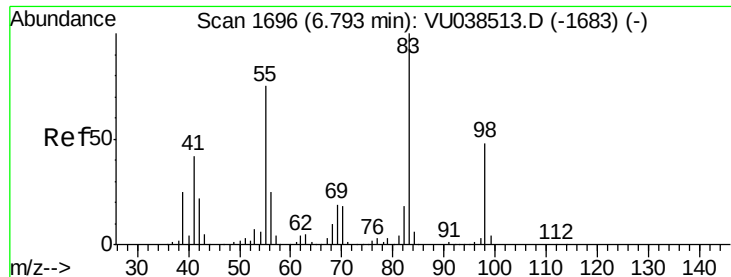
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

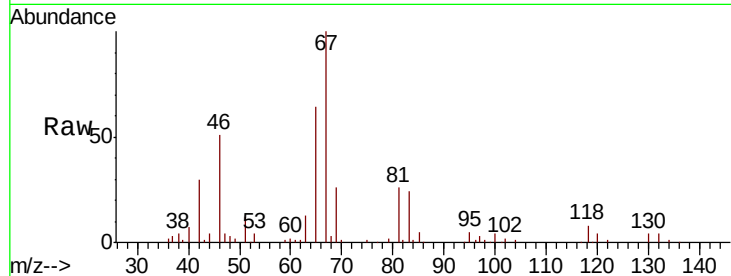




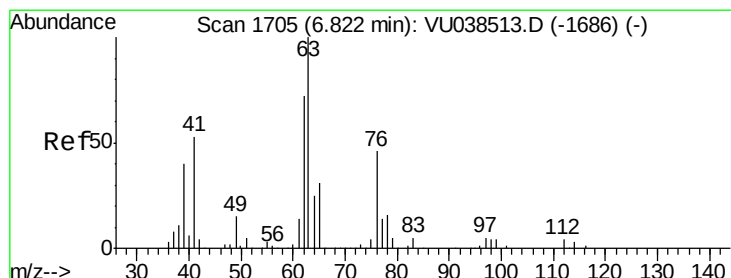
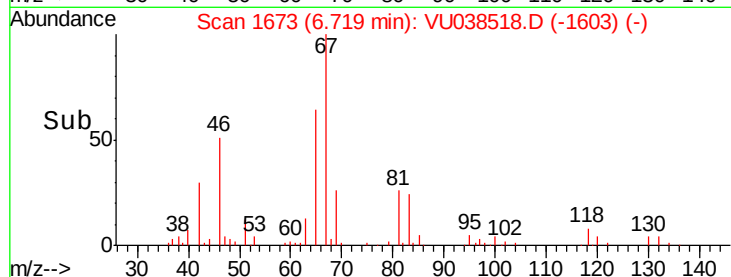
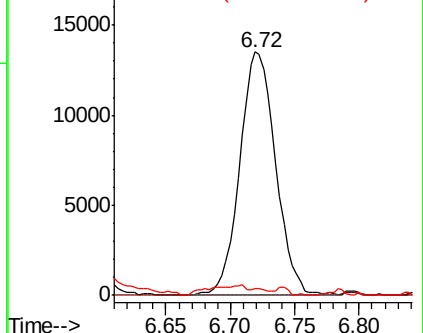
#35
Methvlcvclohexane
Concen: 0.791 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038518.D
Acq: 03 Jun 2020 17:03

Instrument :
MSVOA_U
ClientSampleId :
ETTM6

Tot Ion	83	Resp	26160
Ion Ratio	Lower	Upper	
83	100		
55	0.6	63.4	95.2#
98	0.0	39.0	58.4#

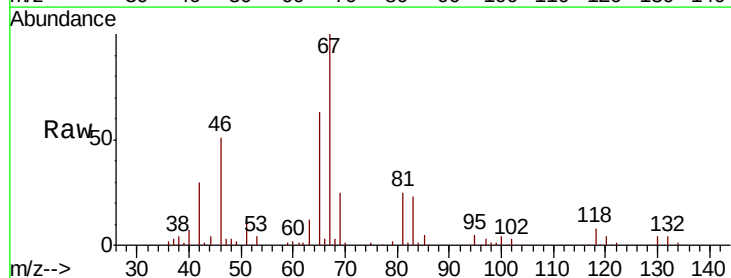


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

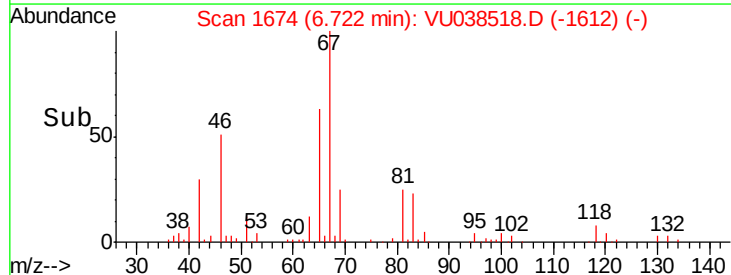
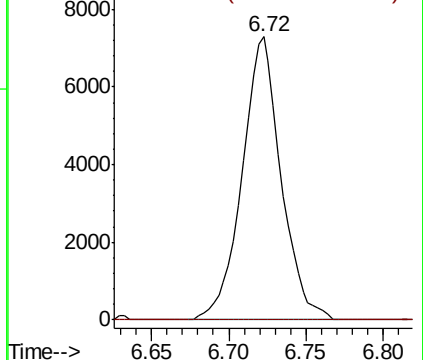


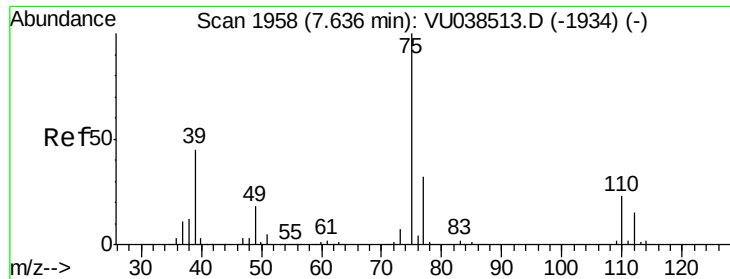
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038518.D
Acq: 03 Jun 2020 17:03

Tgt Ion	63	Resp	12798
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.7	5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

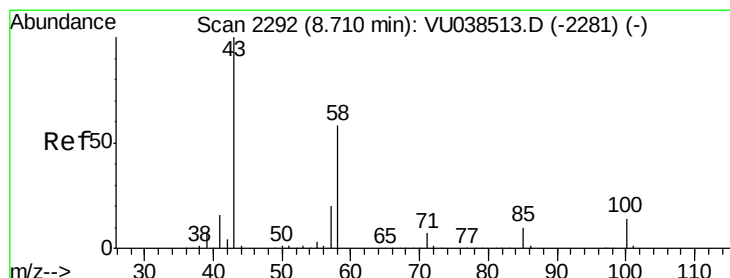
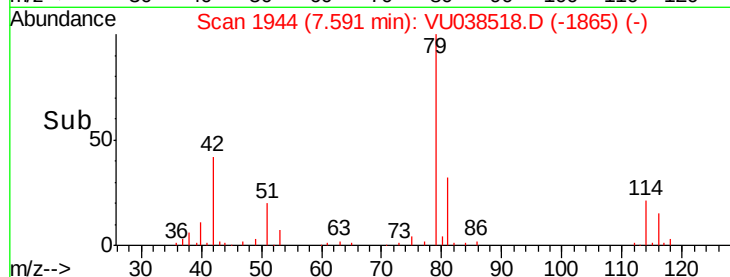
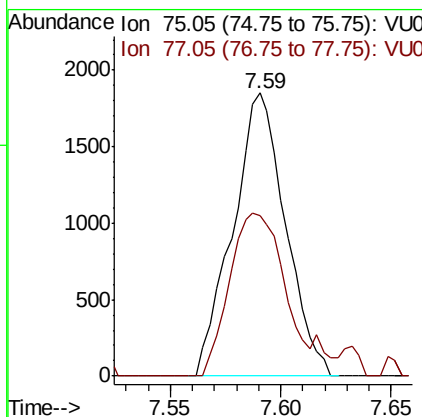
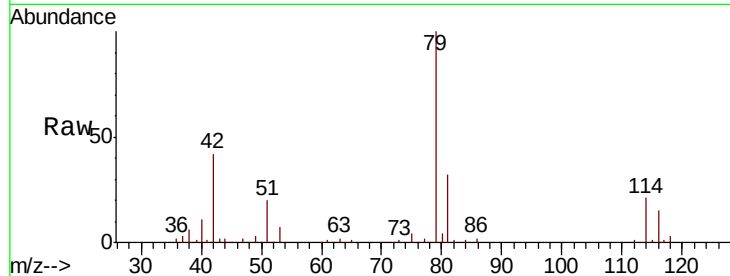




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU038518.D
 Acq: 03 Jun 2020 17:03

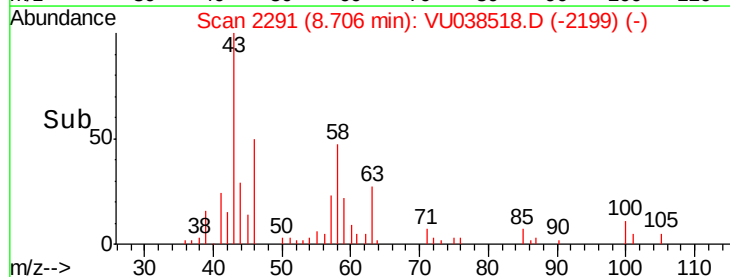
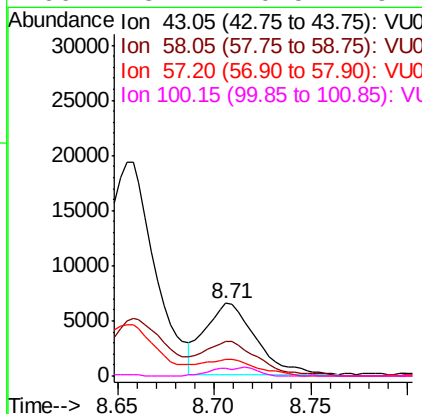
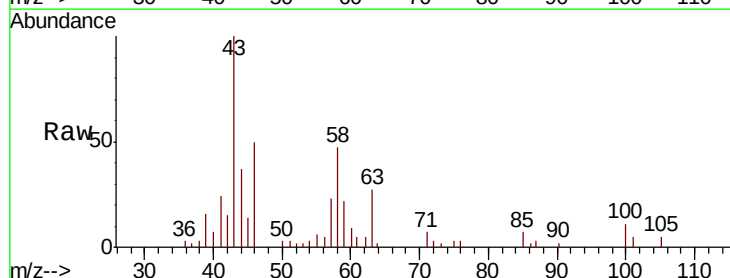
Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM6

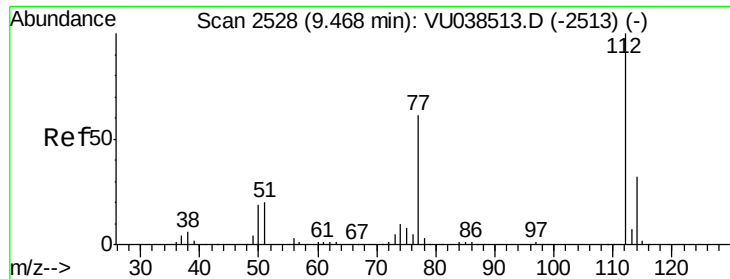
Tot Ion: 75 Resp: 3061
 Ion Ratio Lower Upper
 75 100
 77 56.8 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.057 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038518.D
 Acq: 03 Jun 2020 17:03

Tgt Ion: 43 Resp: 11857
 Ion Ratio Lower Upper
 43 100
 58 52.8 45.4 68.0
 57 23.9 15.9 23.9#
 100 5.7 10.5 15.7#





#51

Chlorobenzene

Concen: 0.971 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

ETTM6

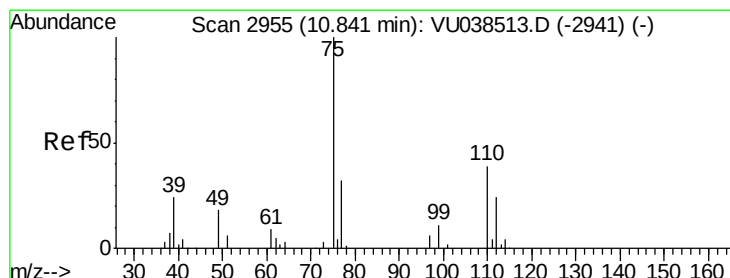
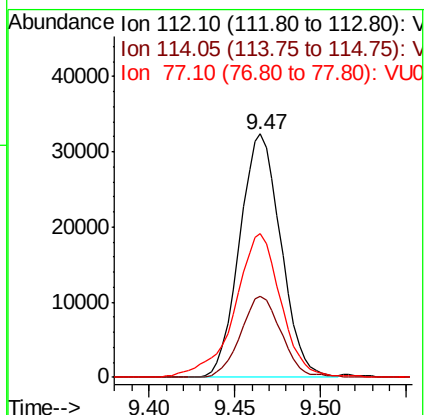
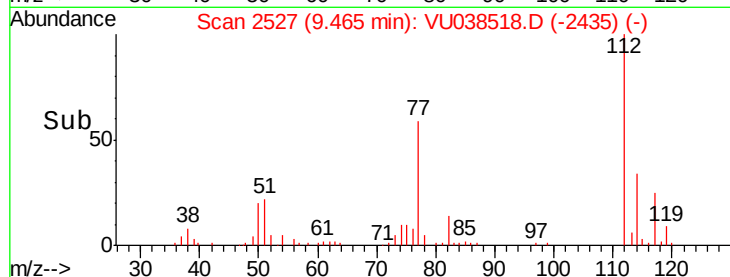
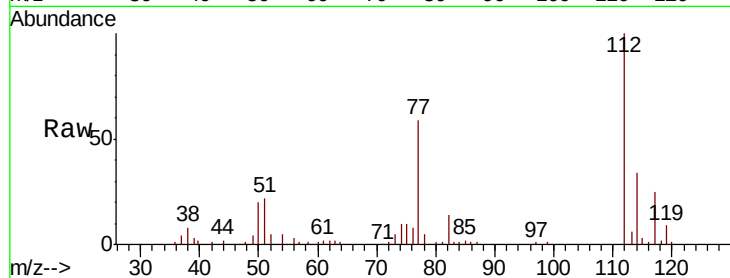
Tot Ion:112 Resp: 54052

Ion Ratio Lower Upper

112 100

114 33.5 22.4 41.6

77 58.9 47.1 70.7



#59

1,2,3-Trichloropropane

Concen: 1.519 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038518.D

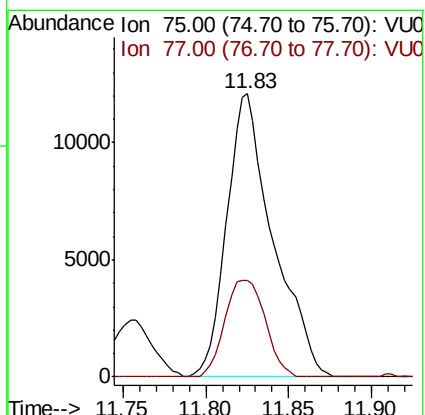
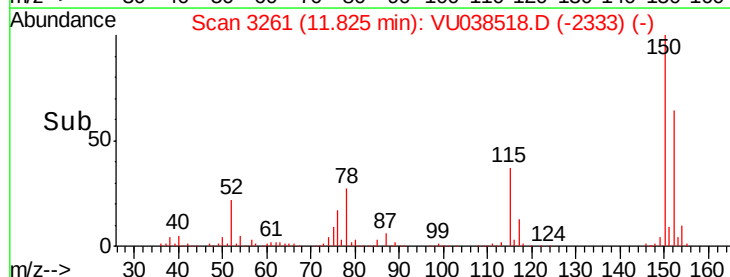
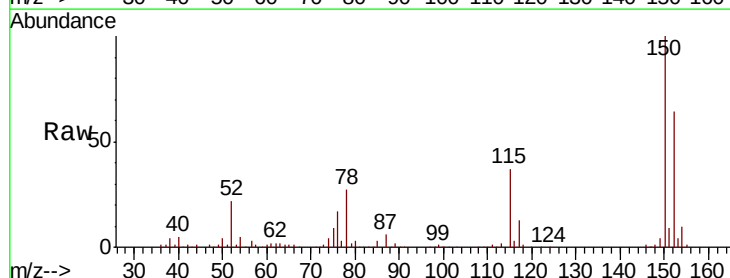
Acq: 03 Jun 2020 17:03

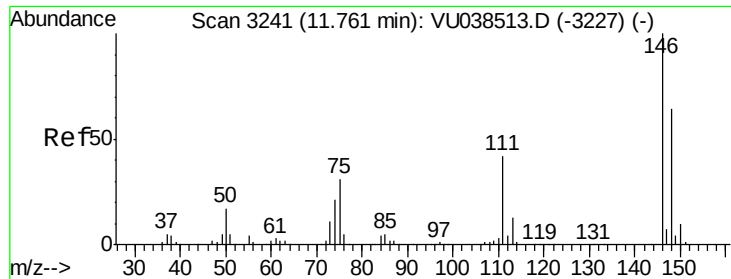
Tgt Ion: 75 Resp: 23477

Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.2

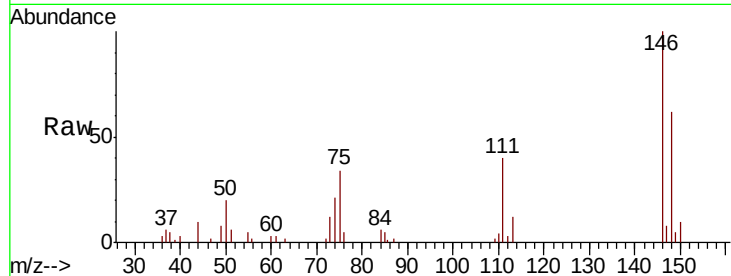




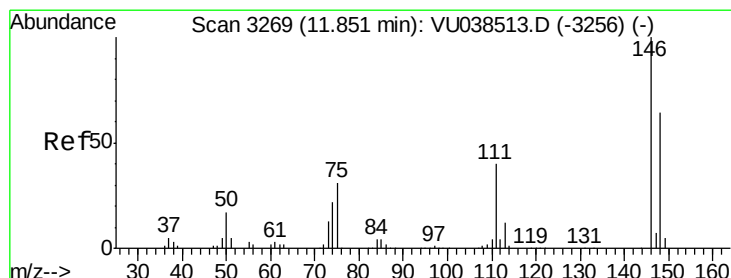
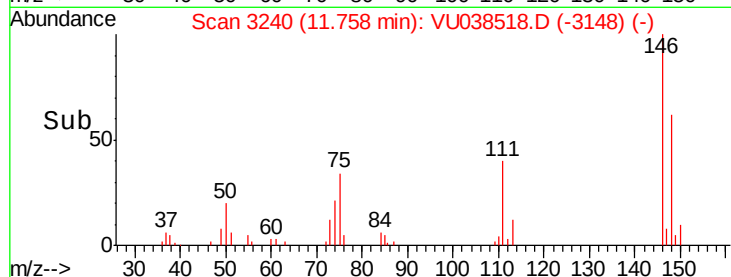
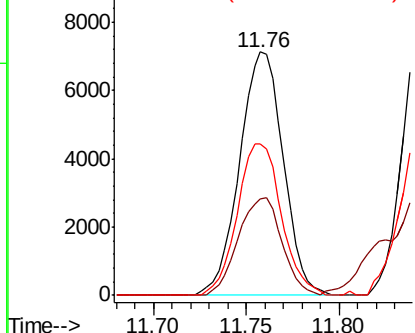
#62
 1,3-Dichlorobenzene
 Concen: 0.281 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: VU038518.D
 Acq: 03 Jun 2020 17:03

Instrument :
 MSVOA_U
 ClientSampled :
 ETTM6

Tot Ion:146 Resp: 11662
 Ion Ratio Lower Upper
 146 100
 111 39.8 29.5 54.9
 148 62.1 45.6 84.6

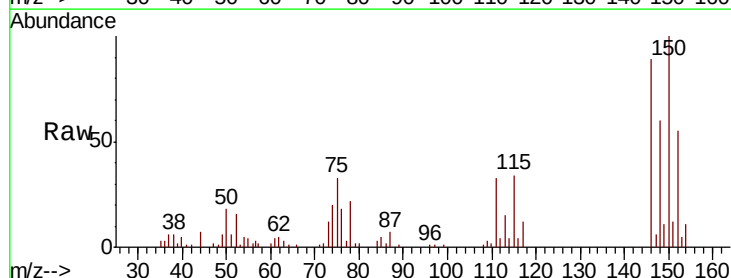


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

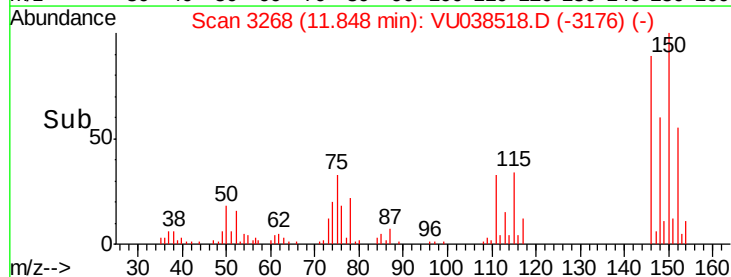
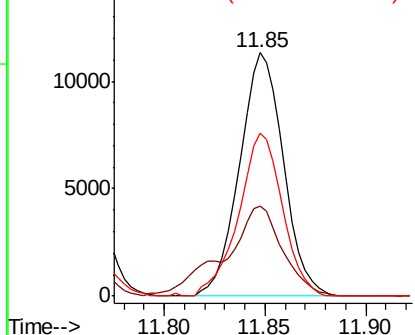


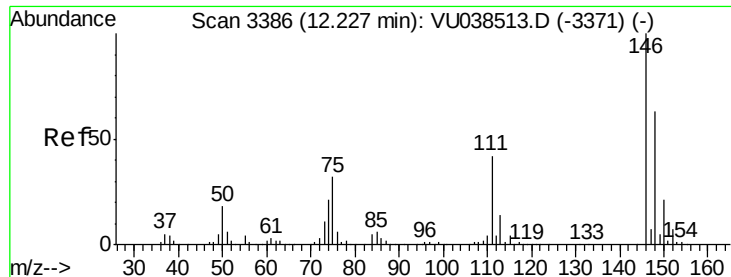
#63
 1,4-Dichlorobenzene
 Concen: 0.410 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038518.D
 Acq: 03 Jun 2020 17:03

Tgt Ion:146 Resp: 17288
 Ion Ratio Lower Upper
 146 100
 111 37.2 27.6 51.2
 148 67.1 44.8 83.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.413 ug/L

RT: 12.22 min Scan# 3385

Delta R.T. -0.00 min

Lab File: VU038518.D

Acq: 03 Jun 2020 17:03

Instrument :

MSVOA_U

ClientSampleId :

ETTM6

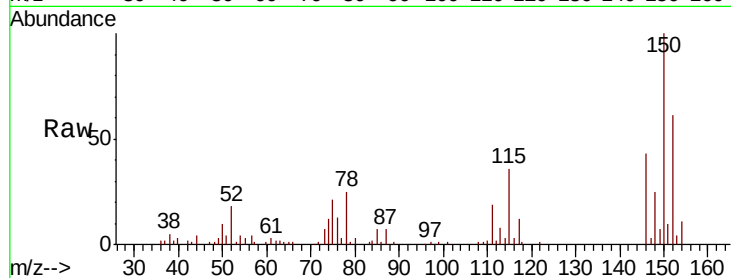
Tot Ion:146 Resp: 16275

Ion Ratio Lower Upper

146 100

111 43.7 35.1 52.7

148 58.5 50.9 76.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

