

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041686.D
 Acq On : 18 Dec 2020 18:11
 Operator : SY/MD
 Sample : L5142-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB7

Quant Time: Dec 19 04:15:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113131	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34914	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.92	69	33323	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	58388	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.66	46	143565	56.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.02%
24) Chloroform-d	5.08	84	77229	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.72	65	44266	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.74	84	144808	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.70	67	47404	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.90	98	122229	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.18	79	19483	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	127804	53.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46887	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	46908	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

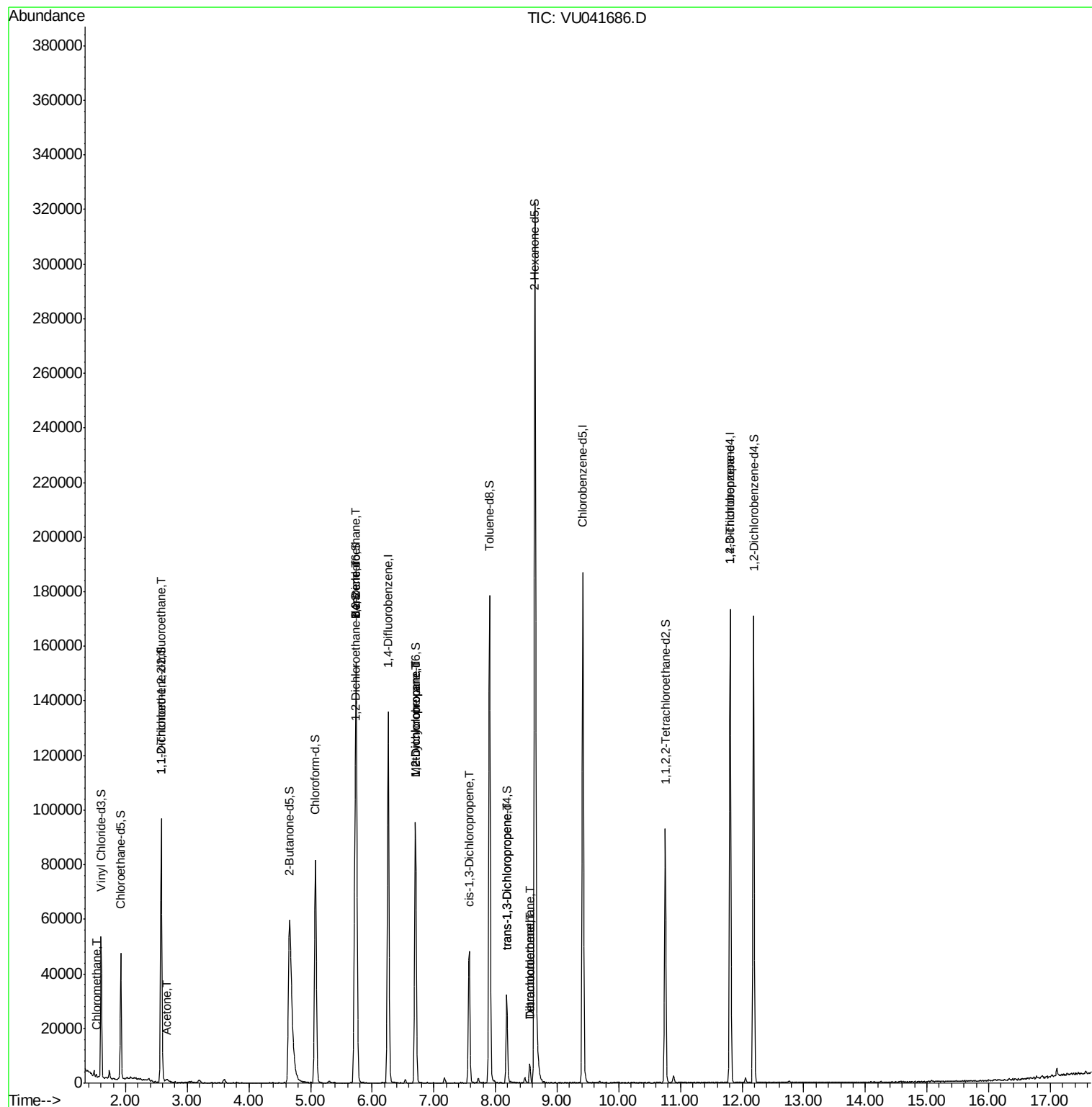
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	674	0.072	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	437	0.056	ug/L #	22
13) Acetone	2.67	43	1093	0.676	ug/L	83
27) 1,2-Dichloroethane	5.75	62	826	0.082	ug/L #	73
33) Benzene	5.74	78	1055	0.030	ug/L	100
35) Methylcyclohexane	6.70	83	10996	0.775	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5083	0.569	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1063	0.080	ug/L #	54
44) trans-1,3-Dichloropropene	8.19	75	703	0.059	ug/L	82
47) Tetrachloroethene	8.56	164	1460	0.238	ug/L	88
49) Dibromochloromethane	8.56	129	1927	0.254	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5338	0.795	ug/L	98

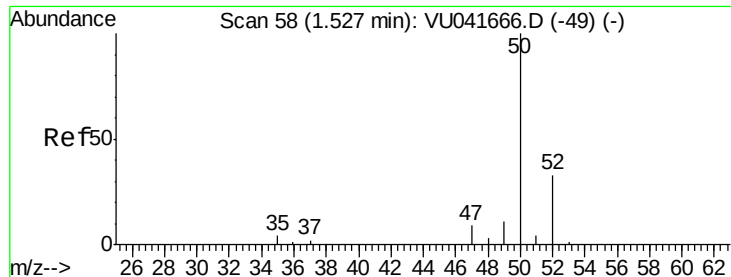
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.072 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

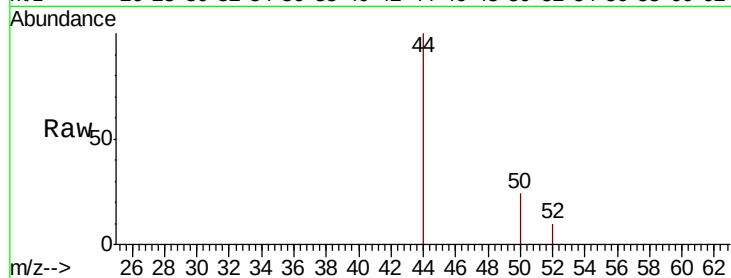
ETZB7

Tot Ion: 50 Resp: 674

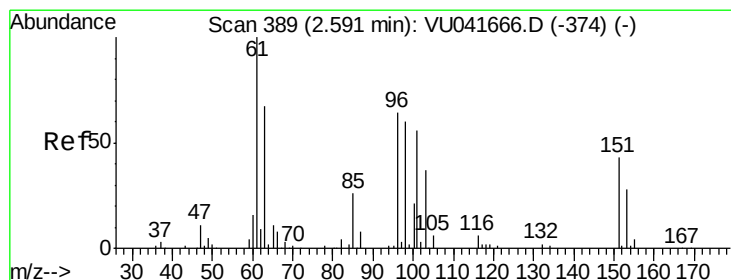
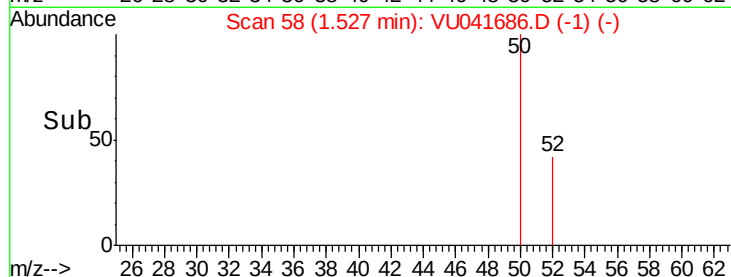
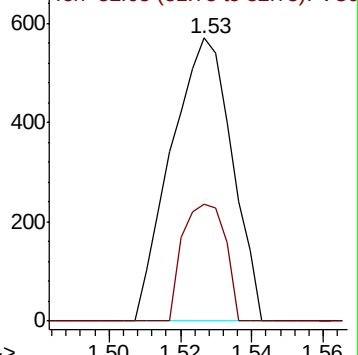
Ion Ratio Lower Upper

50 100

52 41.5 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU041686.D (-1) (-)



#10

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

Concen: 0.056 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

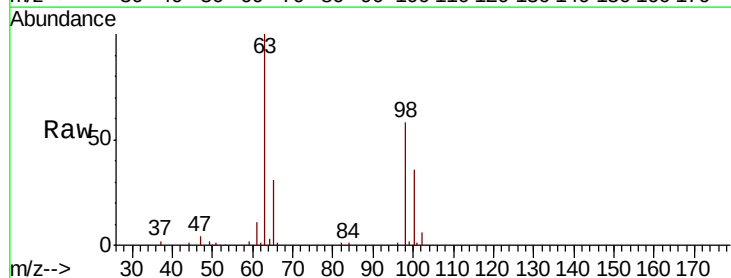
Tgt Ion:101 Resp: 437

Ion Ratio Lower Upper

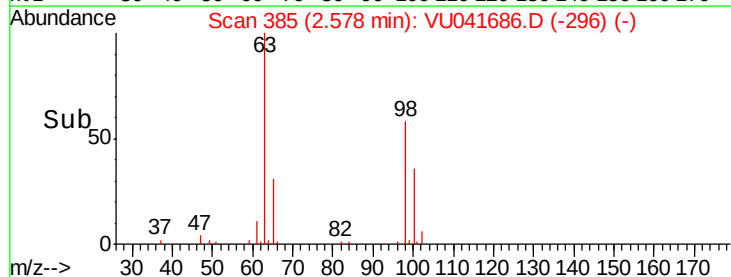
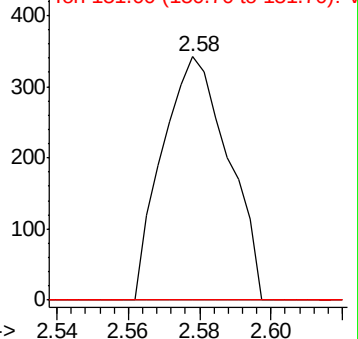
101 100

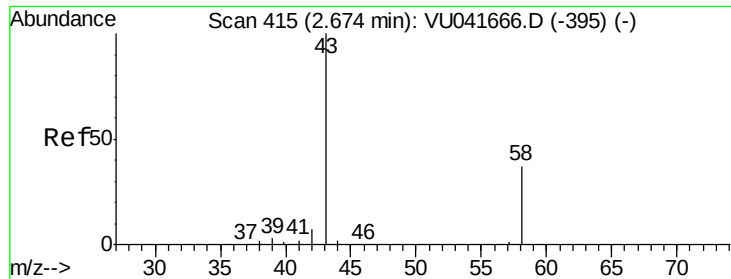
85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): VU041686.D (-296) (-)





#13

Acetone

Concen: 0.676 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

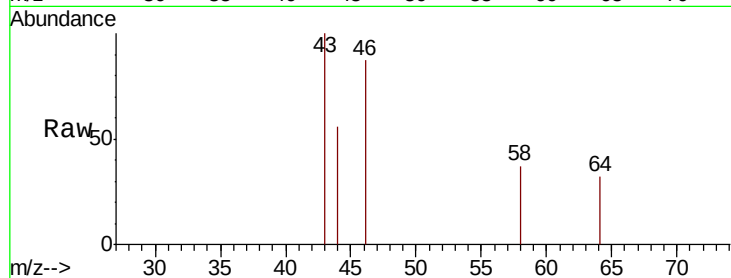
ETZB7

Tot Ion: 43 Resp: 1093

Ion Ratio Lower Upper

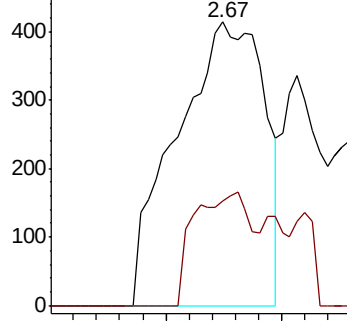
43 100

58 26.7 0.0 73.2

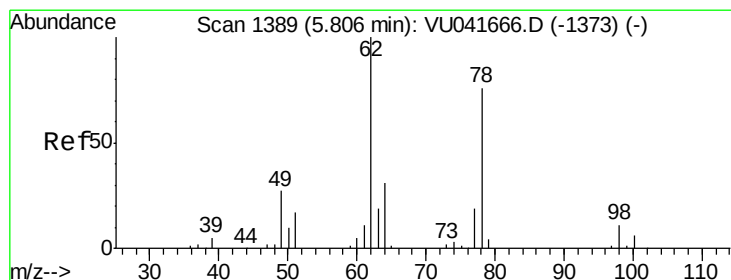
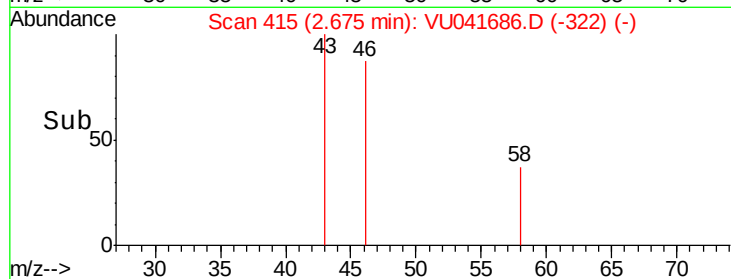


Abundance Ion 43.05 (42.75 to 43.75): VU041686.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041686.D (-395) (-)



Time-->



#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.06 min

Lab File: VU041686.D

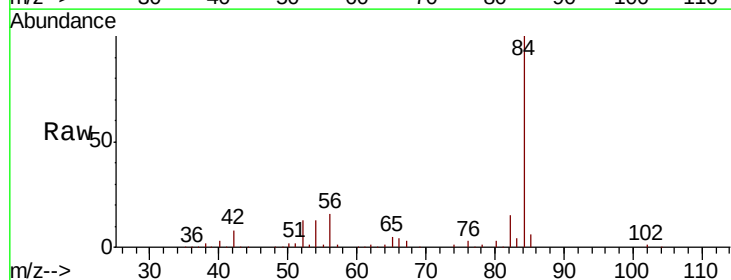
Acq: 18 Dec 2020 18:11

Tgt Ion: 62 Resp: 826

Ion Ratio Lower Upper

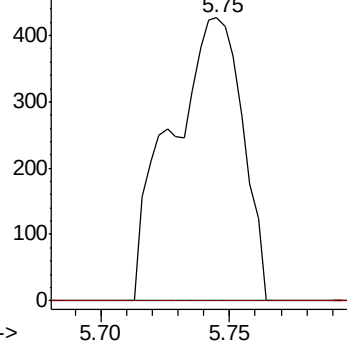
62 100

98 0.0 8.2 12.2#

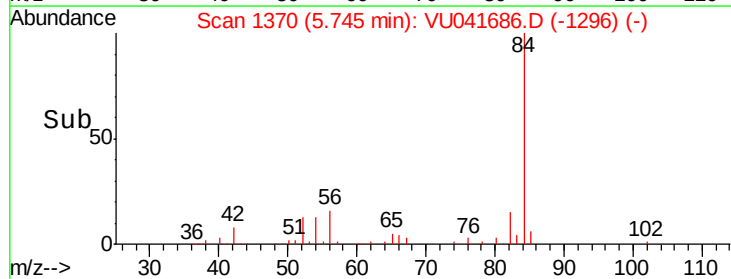


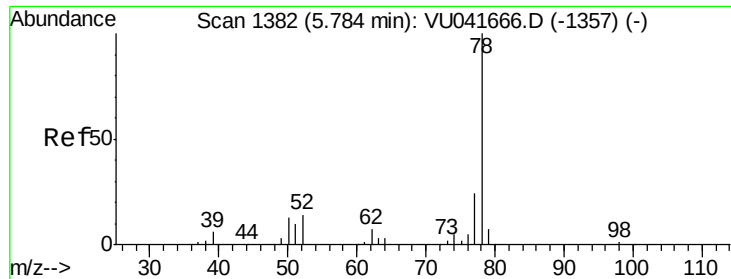
Abundance Ion 62.00 (61.70 to 62.70): VU041686.D (-1296) (-)

Ion 98.05 (97.75 to 98.75): VU041686.D (-1296) (-)



Time-->





#33

Benzene

Concen: 0.030 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.04 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

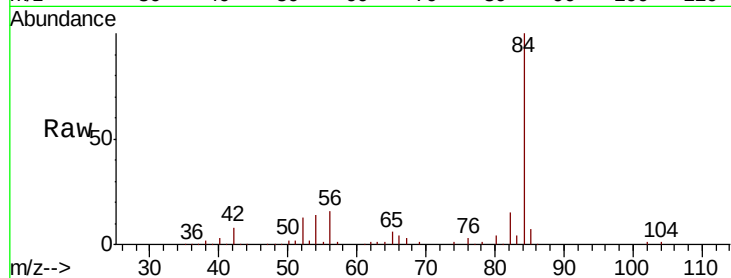
Instrument :

MSVOA_U

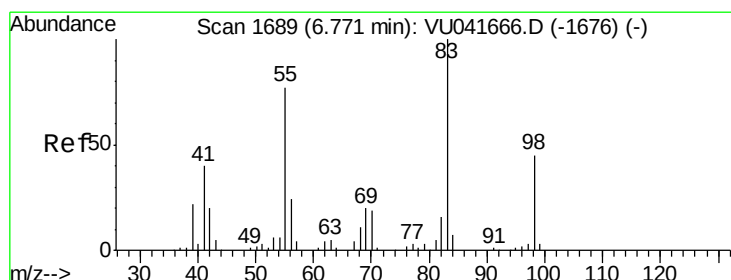
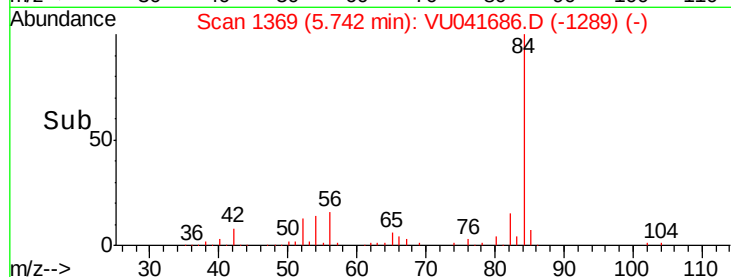
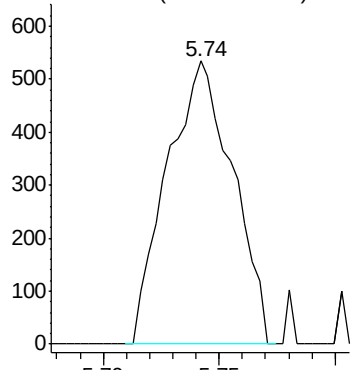
ClientSampleId :

ETZB7

Tgt Ion: 78 Resp: 1055



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.775 ug/L

RT: 6.70 min Scan# 1668

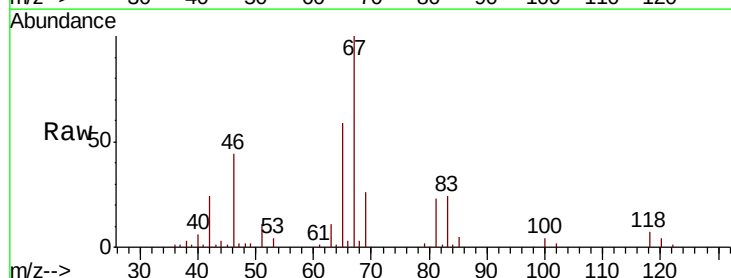
Delta R.T. -0.07 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

Tgt Ion: 83 Resp: 10996

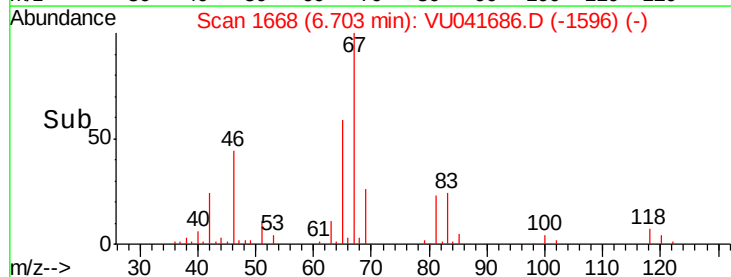
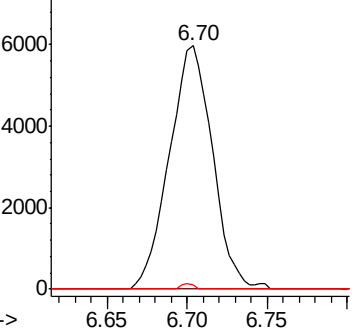
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.6	36.6	54.8#

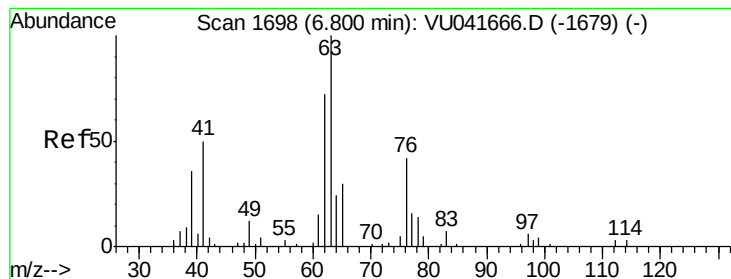


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

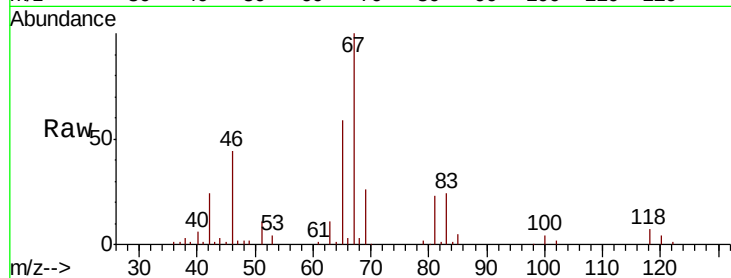
ETZB7

Tot Ion: 63 Resp: 5083

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041686.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU041686.D (-1668) (-)

6.70

2500

2000

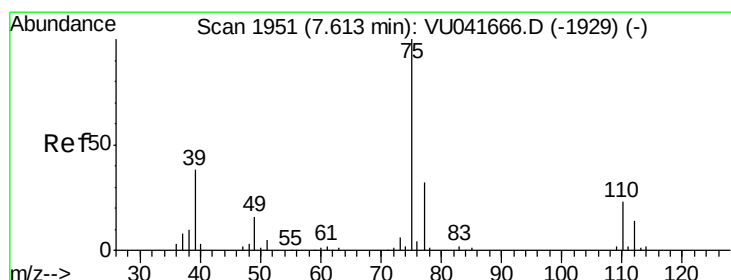
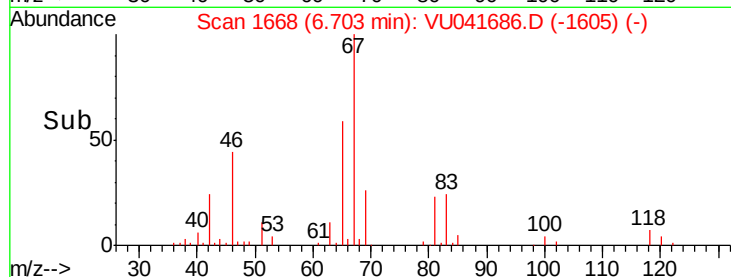
1500

1000

500

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041686.D

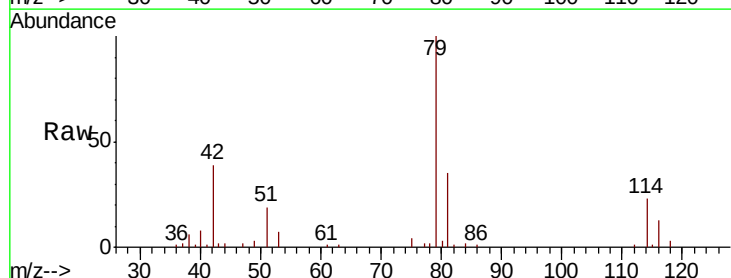
Acq: 18 Dec 2020 18:11

Tgt Ion: 75 Resp: 1063

Ion Ratio Lower Upper

75 100

77 57.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041686.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU041686.D (-1938) (-)

7.57

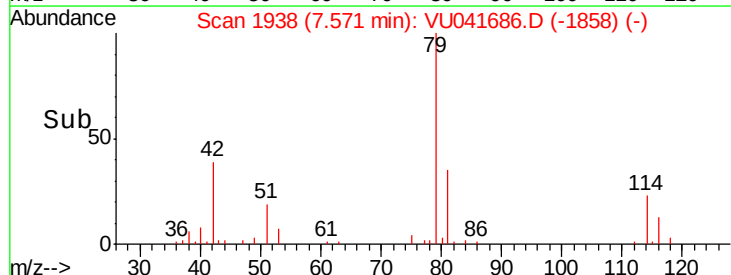
600

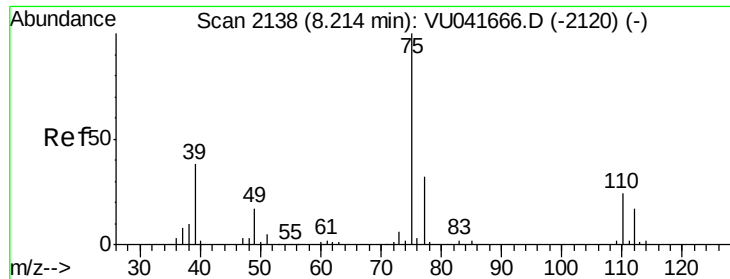
400

200

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

Instrument :

MSVOA_U

ClientSampleId :

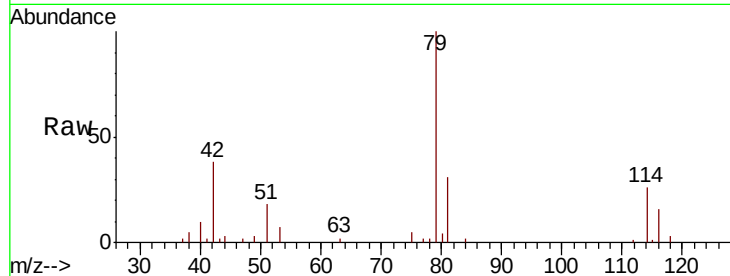
ETZB7

Tot Ion: 75 Resp: 703

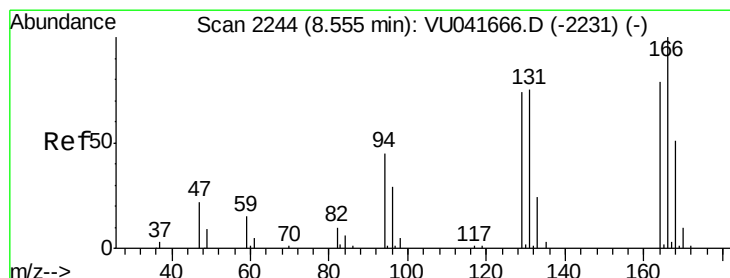
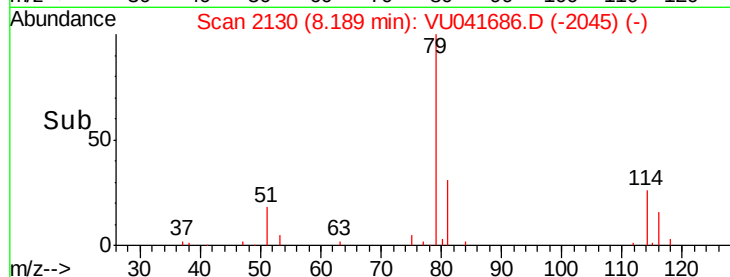
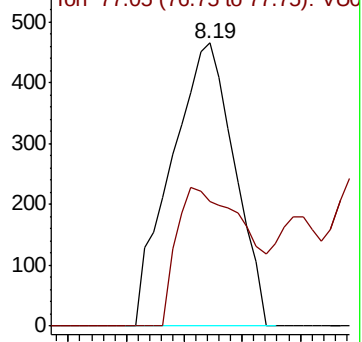
Ion Ratio Lower Upper

75 100

77 44.1 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU041686.D (-2120) (-)



#47

Tetrachloroethene

Concen: 0.238 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

Tgt Ion:164 Resp: 1460

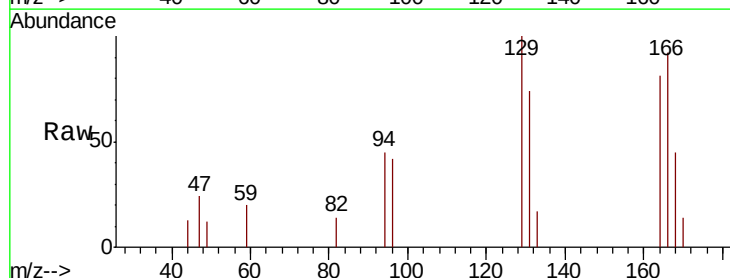
Ion Ratio Lower Upper

164 100

129 123.8 72.2 134.0

131 92.1 66.9 124.3

166 113.8 89.6 166.4

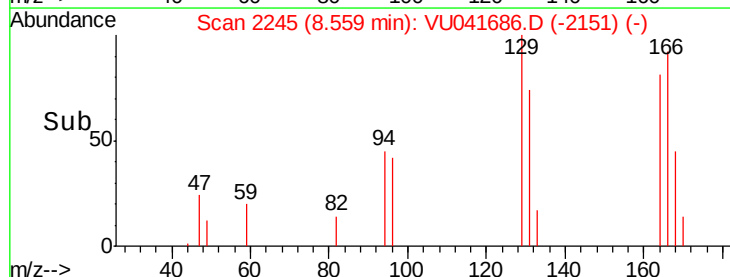
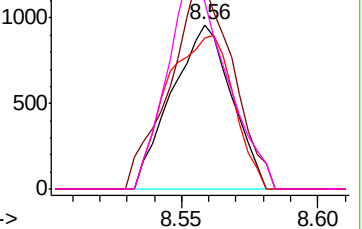


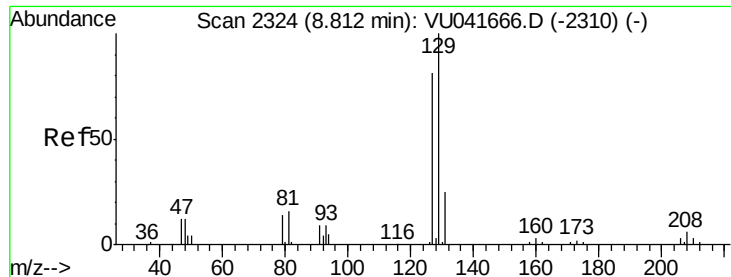
Abundance Ion 163.90 (163.60 to 164.60): VU041686.D (-2231) (-)

Ion 128.95 (128.65 to 129.65): VU041686.D (-2231) (-)

Ion 130.95 (130.65 to 131.65): VU041686.D (-2231) (-)

Ion 165.90 (165.60 to 166.60): VU041686.D (-2231) (-)





#49

Dibromochloromethane

Concen: 0.254 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041686.D

Acq: 18 Dec 2020 18:11

Instrument :

MSVOA_U

ClientSampled :

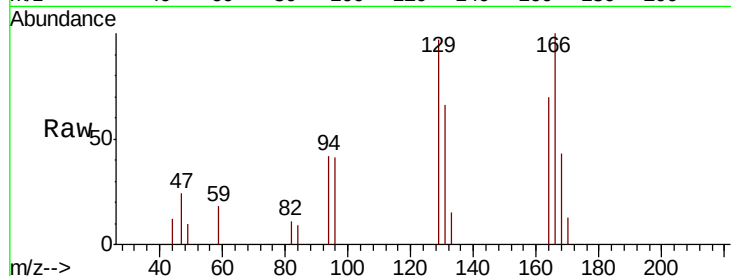
ETZB7

Tot Ion:129 Resp: 1927

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

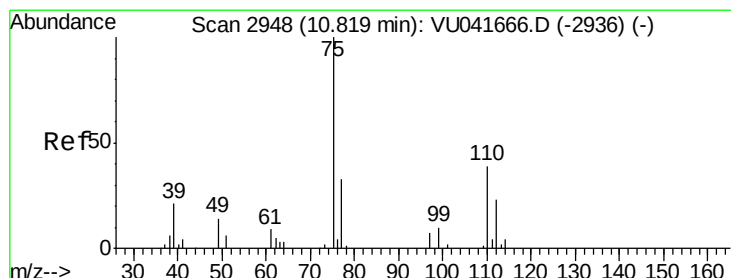
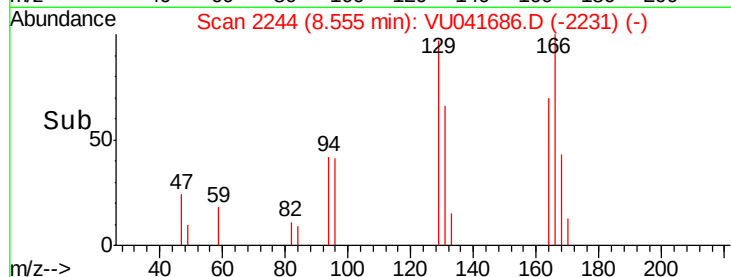
8.56

1000

500

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 0.795 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041686.D

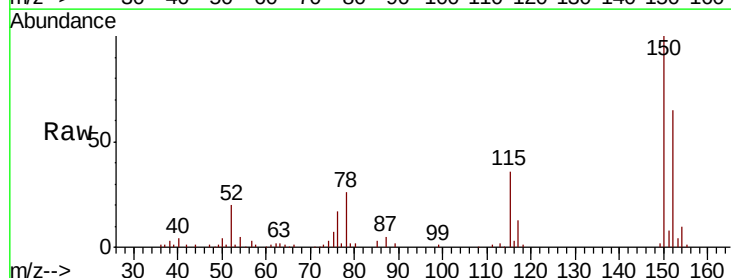
Acq: 18 Dec 2020 18:11

Tgt Ion: 75 Resp: 5338

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

3000

2000

1000

0

Time--> 11.75 11.80 11.85

