

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041587.D
 Acq On : 12 Dec 2020 23:39
 Operator : SY/MD
 Sample : L5060-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B07

Quant Time: Dec 13 11:29:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Dec 13 11:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139065	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67783	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35458	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.92	69	34043	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	57549	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.66	46	168217	53.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.72%
24) Chloroform-d	5.08	84	83408	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.72	65	48433	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.74	84	167624	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	55474	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.91	98	144462	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.19	79	22487	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.64	63	126284	43.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52301	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	56586	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

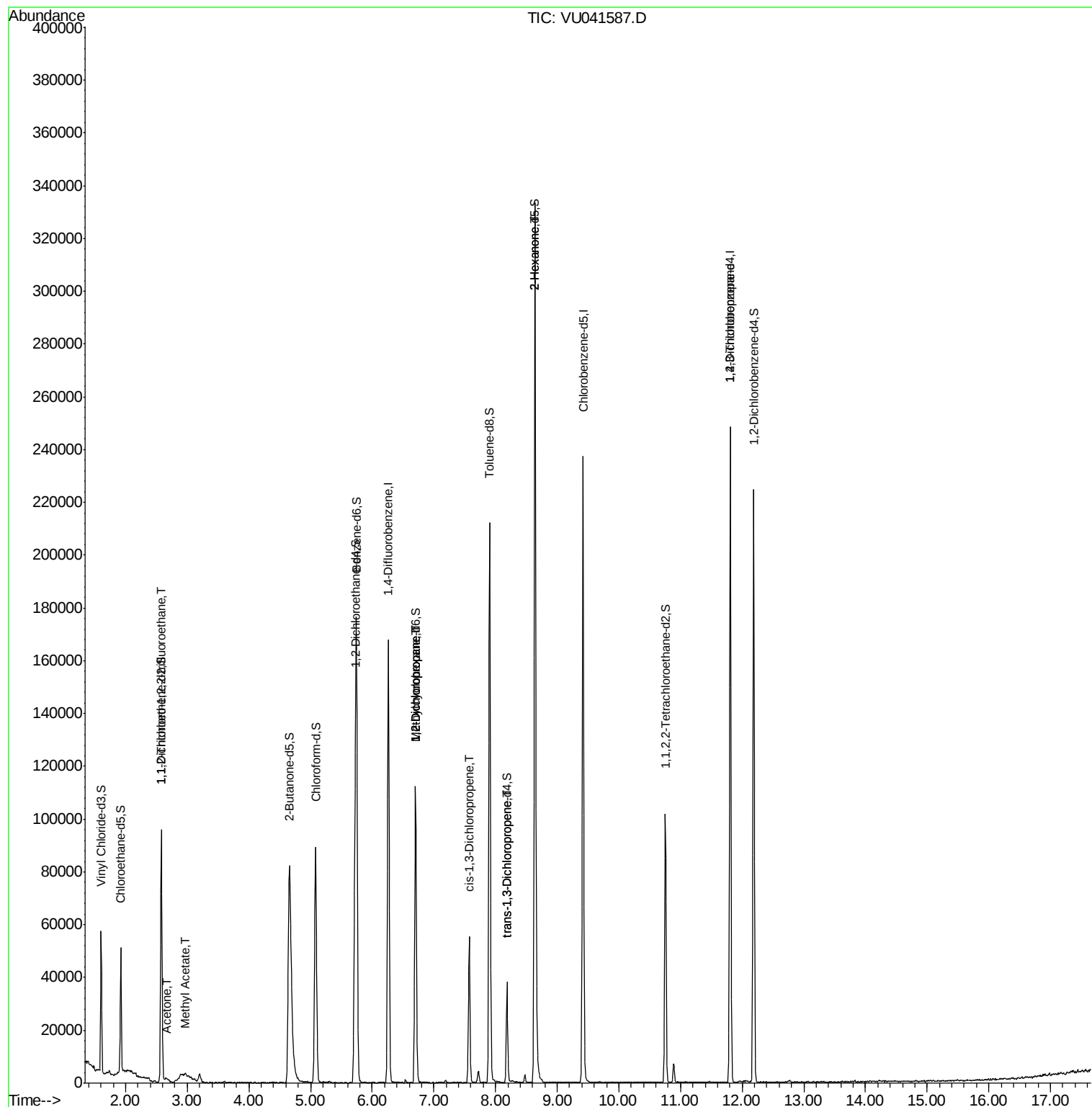
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	460	0.048	ug/L #	22
13) Acetone	2.66	43	1649	0.830	ug/L	75
15) Methyl Acetate	2.97	43	1524	0.295	ug/L #	51
35) Methylcyclohexane	6.70	83	12473	0.726	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5191	0.480	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1455	0.091	ug/L #	50
44) trans-1,3-Dichloropropene	8.19	75	955	0.067	ug/L	90
48) 2-Hexanone	8.64	43	14339	2.561	ug/L #	64
59) 1,2,3-Trichloropropane	11.81	75	7700	0.948	ug/L	92

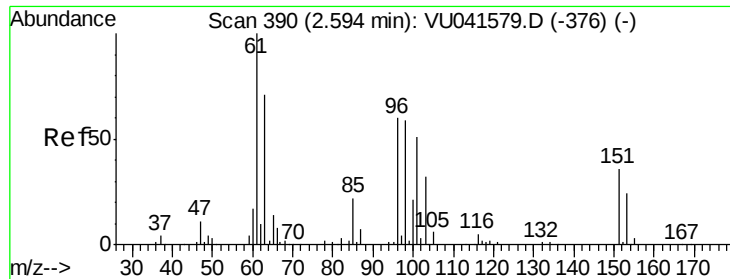
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Dec 13 11:26:38 2020
Response via : Initial Calibration





#10

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

Concen: 0.048 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041587.D

Acq: 12 Dec 2020 23:39

Instrument :

MSVOA_U

ClientSampleId :

C0B07

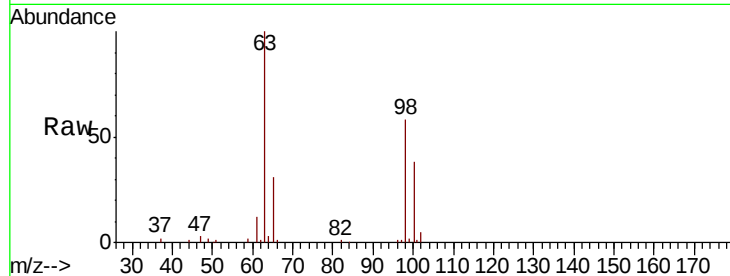
Tot Ion:101 Resp: 460

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): V

Ion 85.00 (84.70 to 85.70): VU0

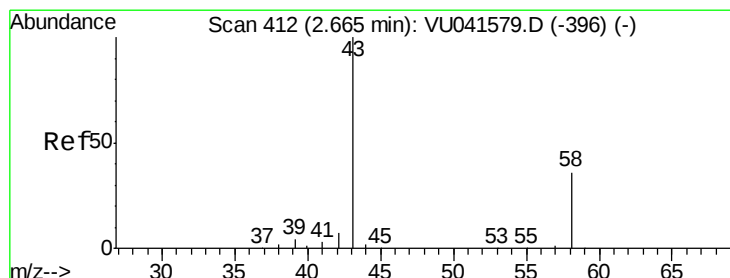
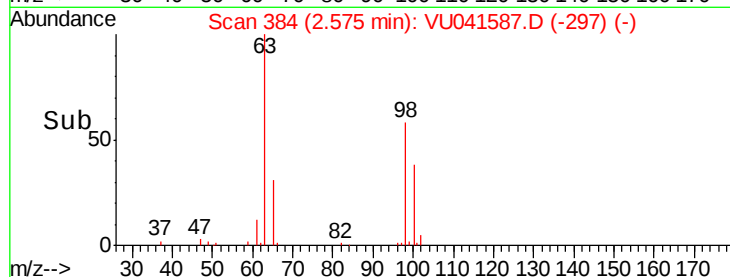
Ion 151.00 (150.70 to 151.70): V

2.57

2.58

2.60

Time-->



#13

Acetone

Concen: 0.830 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU041587.D

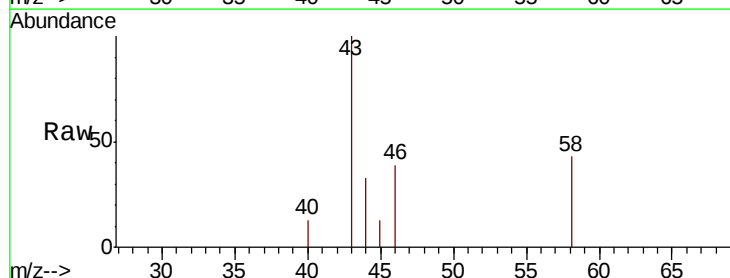
Acq: 12 Dec 2020 23:39

Tgt Ion: 43 Resp: 1649

Ion Ratio Lower Upper

43 100

58 51.5 0.0 73.2



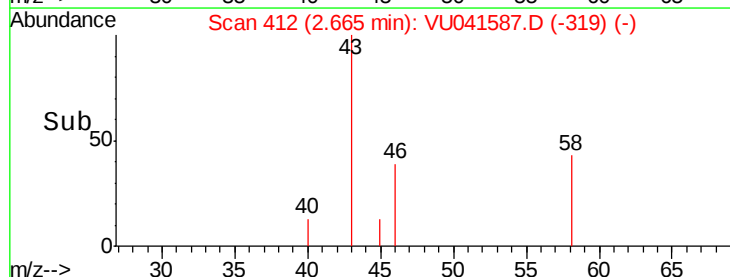
Abundance Ion 43.05 (42.75 to 43.75): VU0

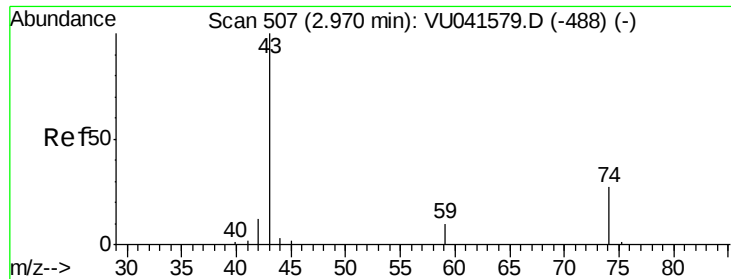
Ion 58.05 (57.75 to 58.75): VU0

2.66

2.68

Time-->





#15

Methyl Acetate

Concen: 0.295 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: VU041587.D

Acq: 12 Dec 2020 23:39

Instrument :

MSVOA_U

ClientSampleId :

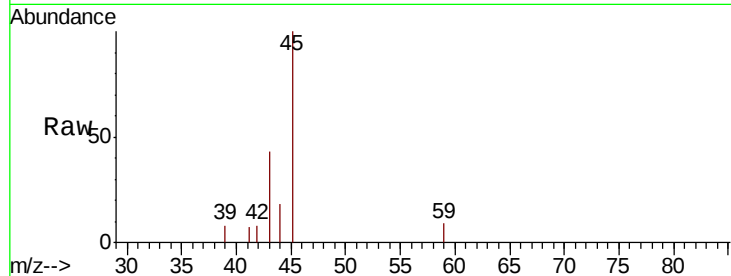
C0B07

Tot Ion: 43 Resp: 1524

Ion Ratio Lower Upper

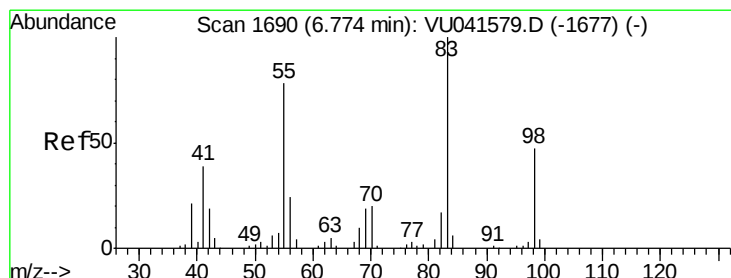
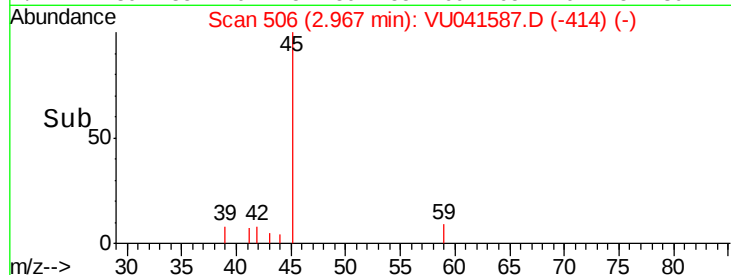
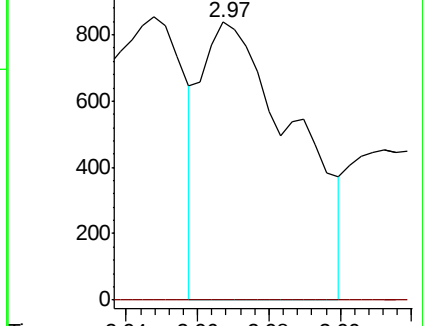
43 100

74 0.0 19.2 28.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041587.D

Acq: 12 Dec 2020 23:39

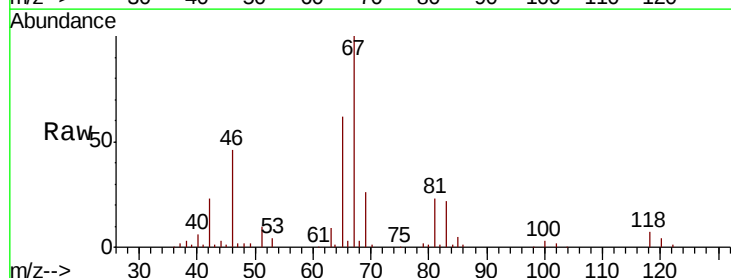
Tgt Ion: 83 Resp: 12473

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

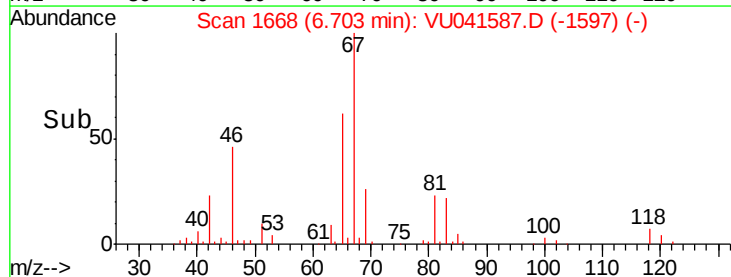
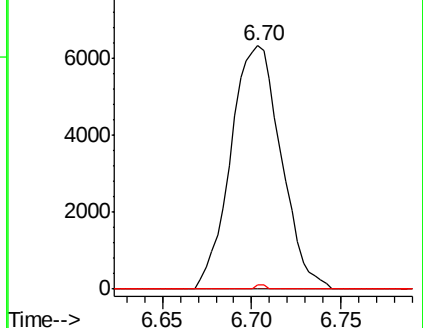
98 0.4 36.6 54.8#

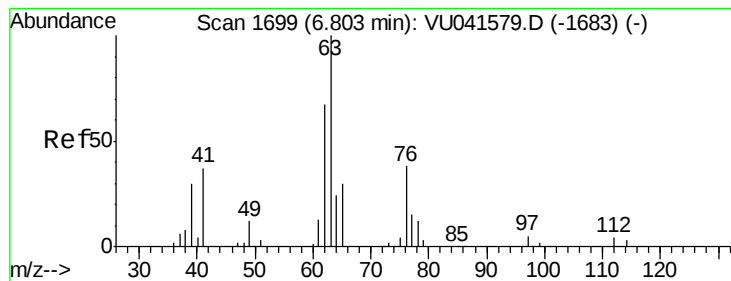


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.480 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041587.D

Acq: 12 Dec 2020 23:39

Instrument :

MSVOA_U

ClientSampleId :

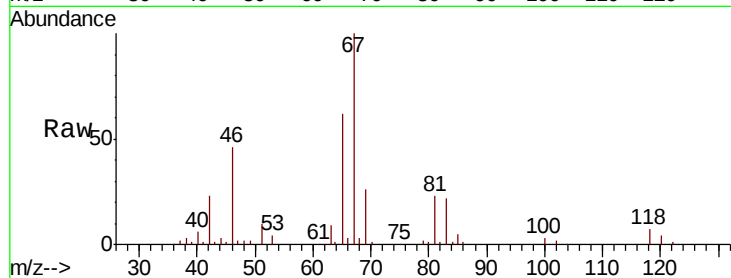
C0B07

Tot Ion: 63 Resp: 5191

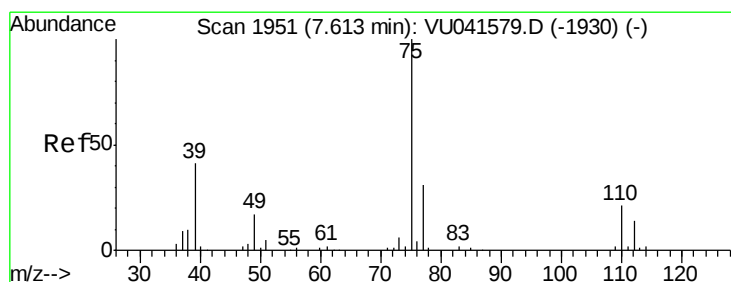
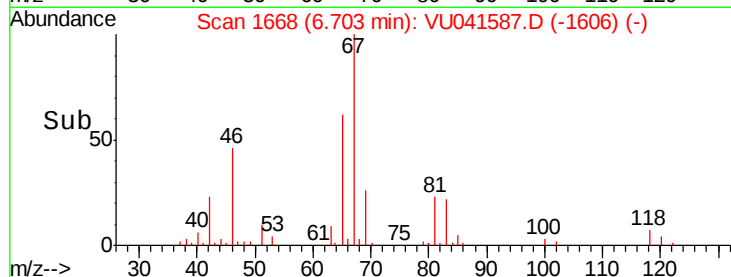
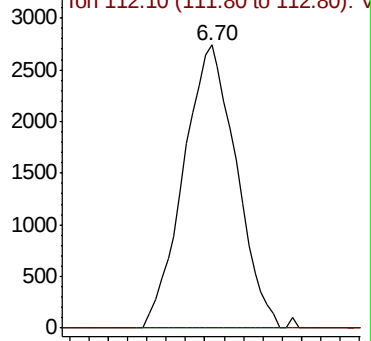
Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041587.D (-1668) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041587.D

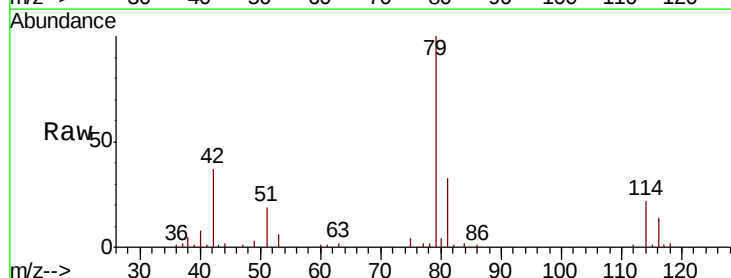
Acq: 12 Dec 2020 23:39

Tgt Ion: 75 Resp: 1455

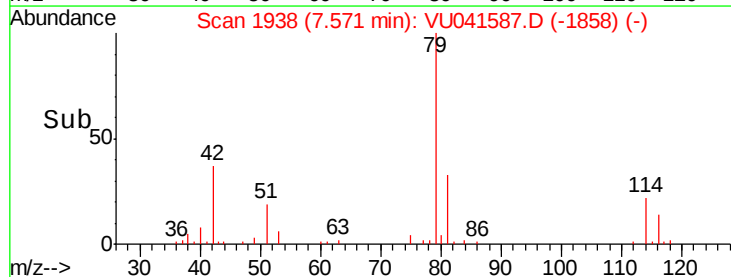
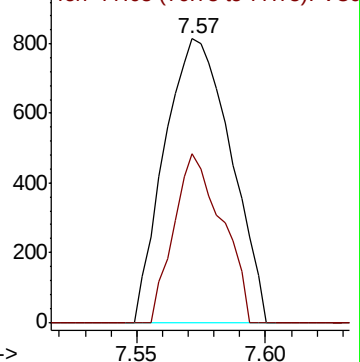
Ion Ratio Lower Upper

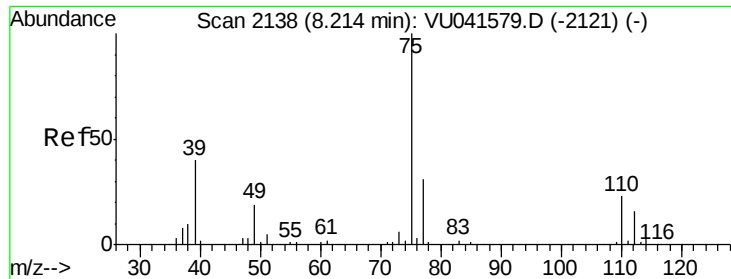
75 100

77 59.3 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041587.D (-1858) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041587.D

Acq: 12 Dec 2020 23:39

Instrument :

MSVOA_U

ClientSampleId :

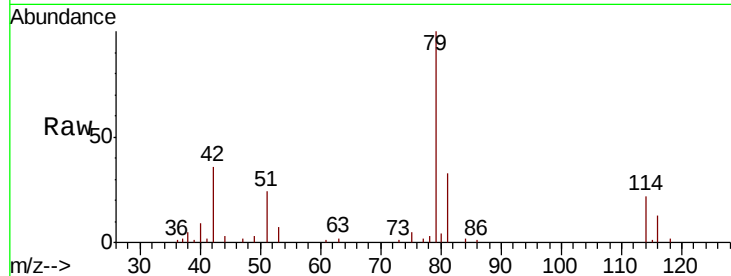
C0B07

Tot Ion: 75 Resp: 955

Ion Ratio Lower Upper

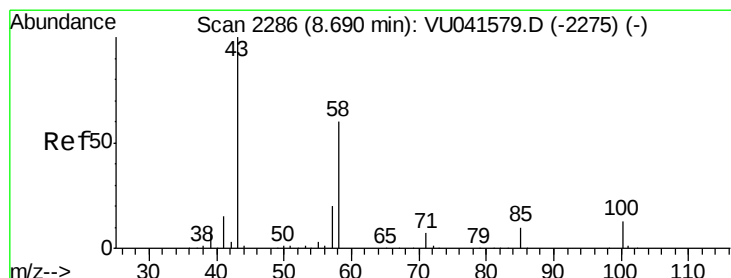
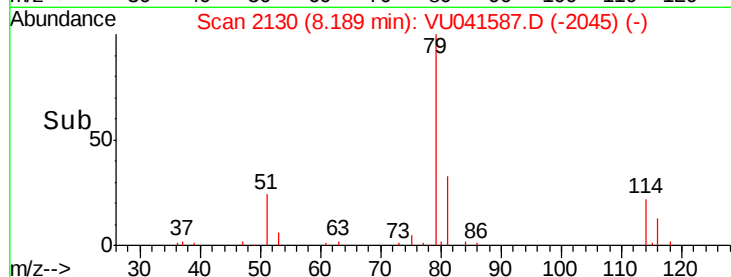
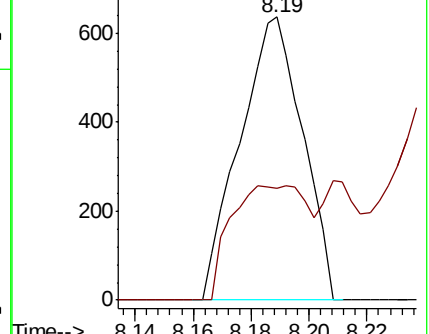
75 100

77 39.7 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.561 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041587.D

Acq: 12 Dec 2020 23:39

Tgt Ion: 43 Resp: 14339

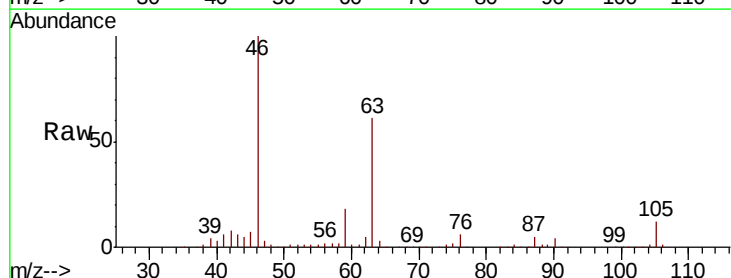
Ion Ratio Lower Upper

43 100

58 28.7 47.9 71.9#

57 31.0 16.5 24.7#

100 0.3 9.4 14.2#

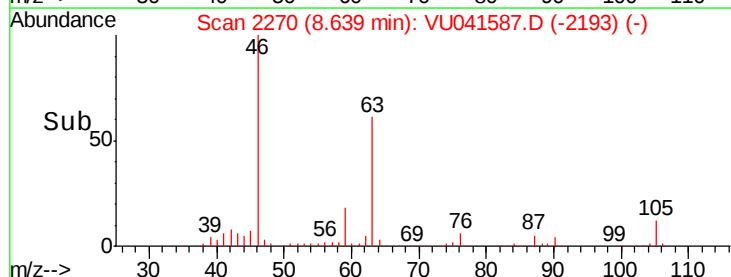
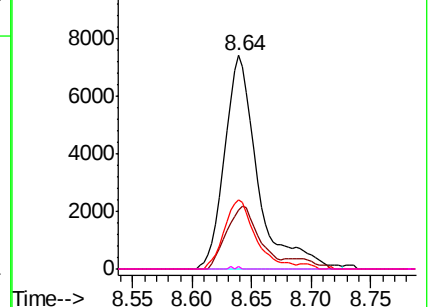


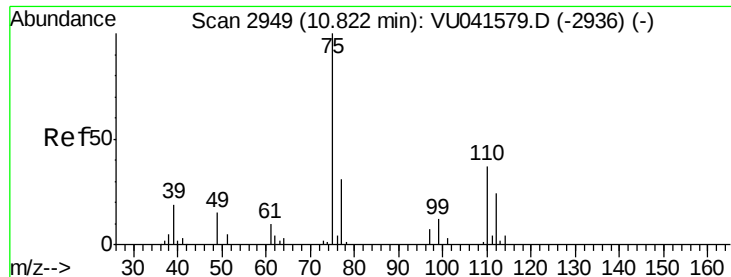
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.948 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041587.D

Acq: 12 Dec 2020 23:39

Instrument :

MSVOA_U

ClientSampleId :

C0B07

Tot Ion: 75 Resp: 7700

Ion Ratio Lower Upper

75 100

77 36.9 26.2 39.2

