

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041188.D
 Acq On : 10 Nov 2020 19:33
 Operator : SY/MD
 Sample : L4646-16DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W0DL

Quant Time: Nov 11 00:54:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14650	3.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	1.92	69	15614	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	22758	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.65	46	78601	54.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.88%
24) Chloroform-d	5.08	84	38986	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.72	65	24095	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.75	84	62735	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.70	67	22297	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.91	98	50769	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.19	79	8515	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	56404	48.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22233	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	22359	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

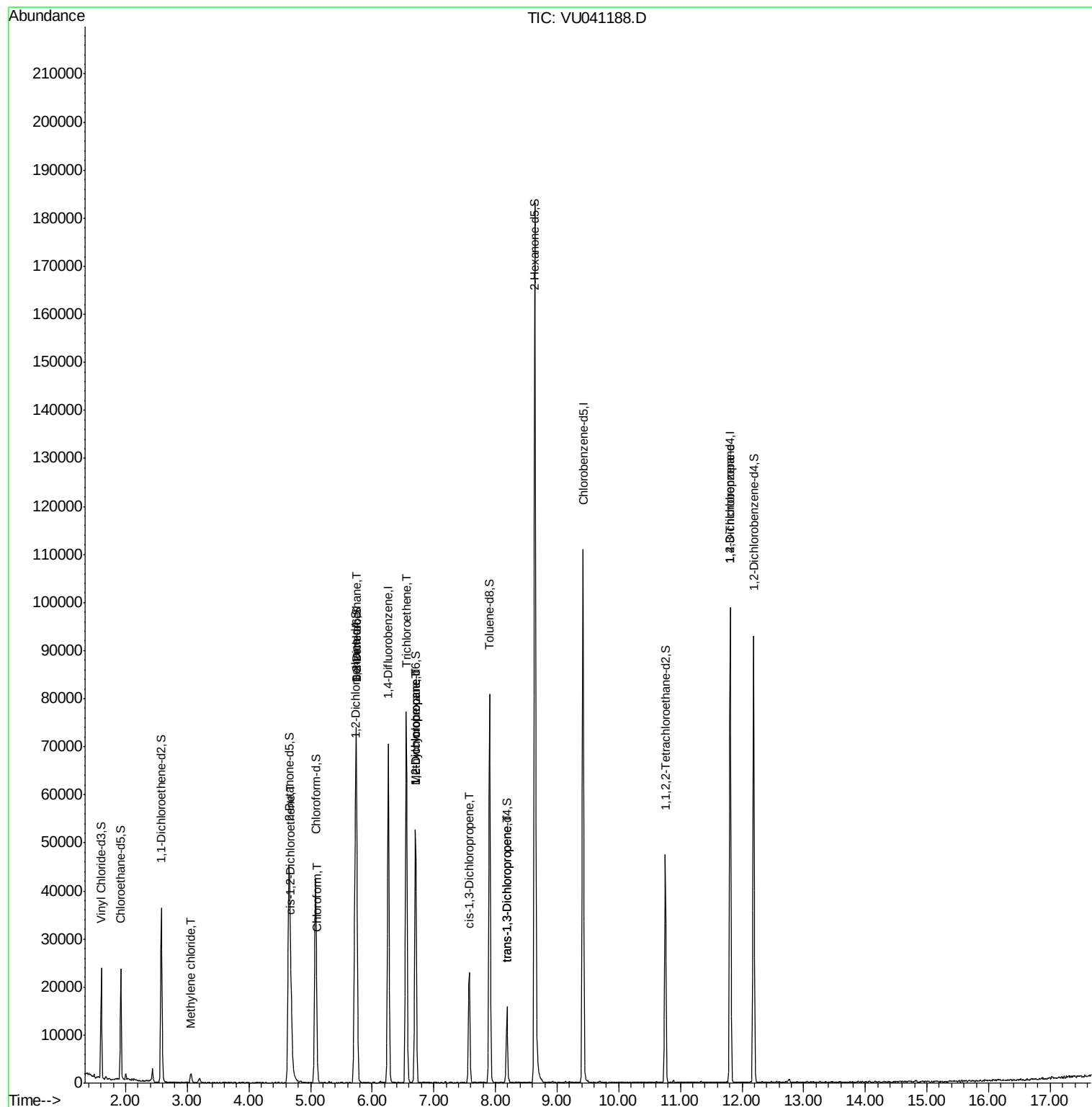
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	932	0.217	ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	2380	0.616	ug/L	91
25) Chloroform	5.11	83	784	0.104	ug/L	95
27) 1,2-Dichloroethane	5.74	62	455	0.081	ug/L #	74
34) Trichloroethene	6.55	95	25818	5.881	ug/L	97
35) Methylcyclohexane	6.70	83	5668	0.865	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2757	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	576	0.090	ug/L #	63
44) trans-1,3-Dichloropropene	8.18	75	366	0.061	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	3272	0.940	ug/L #	84

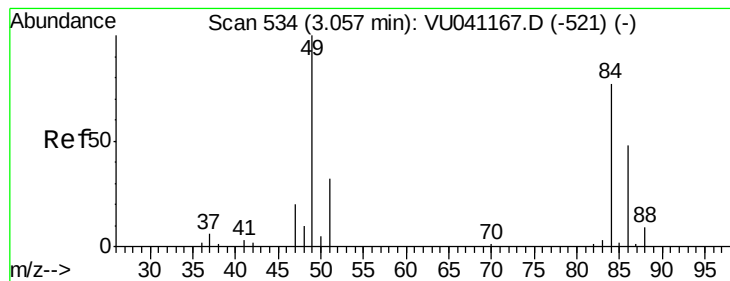
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.217 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041188.D

Acq: 10 Nov 2020 19:33

Instrument :

MSVOA_U

ClientSampled :

GB0W0DL

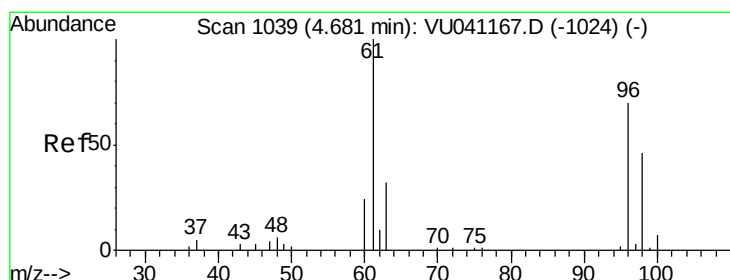
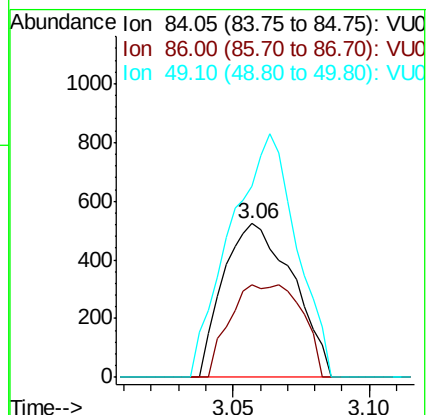
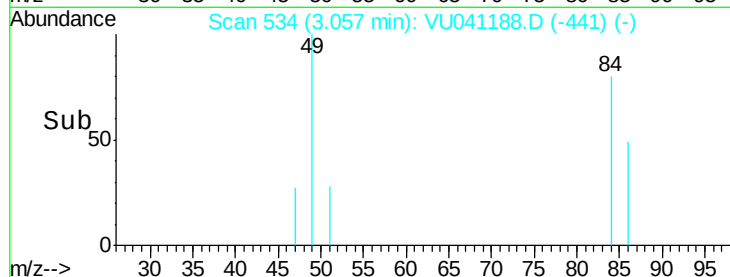
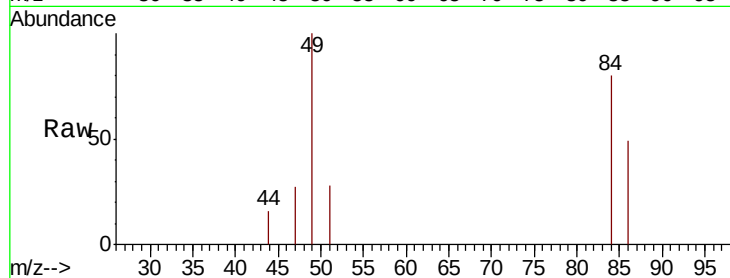
Tot Ion: 84 Resp: 932

Ion Ratio Lower Upper

84 100

86 60.4 42.8 79.6

49 124.5 99.5 184.7



#22

cis-1,2-Dichloroethene

Concen: 0.616 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041188.D

Acq: 10 Nov 2020 19:33

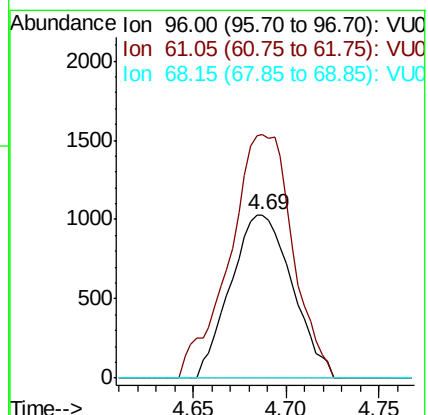
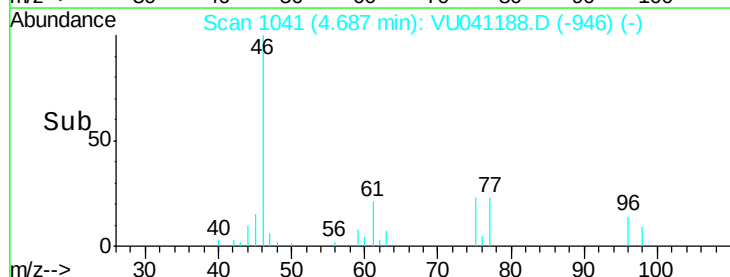
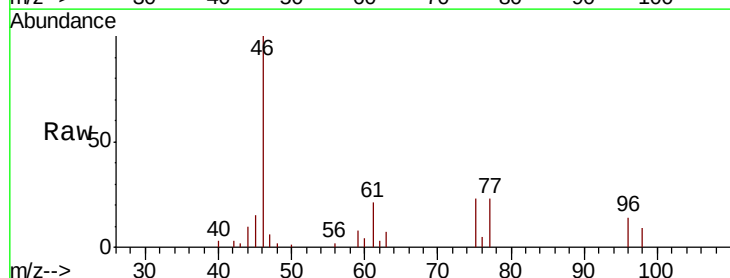
Tgt Ion: 96 Resp: 2380

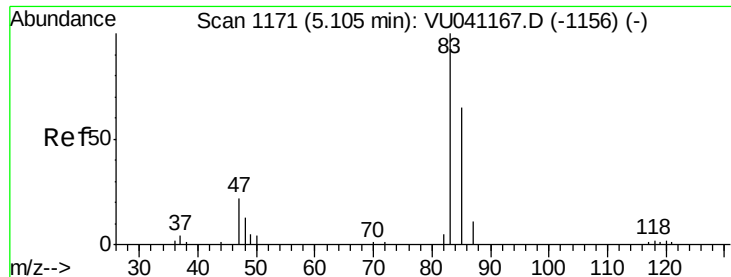
Ion Ratio Lower Upper

96 100

61 149.1 97.2 180.4

68 0.0 0.0 0.0

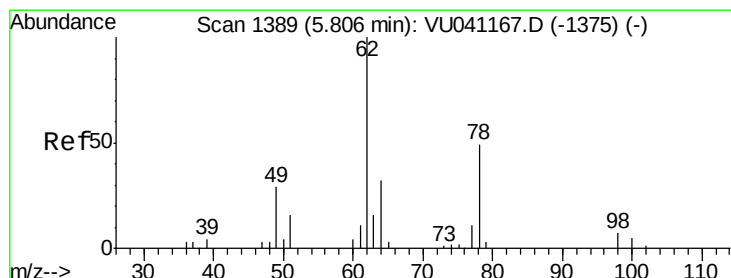
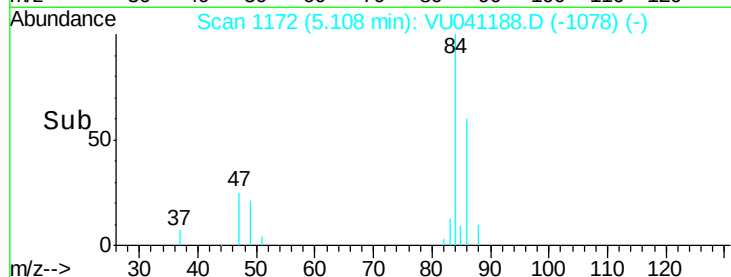
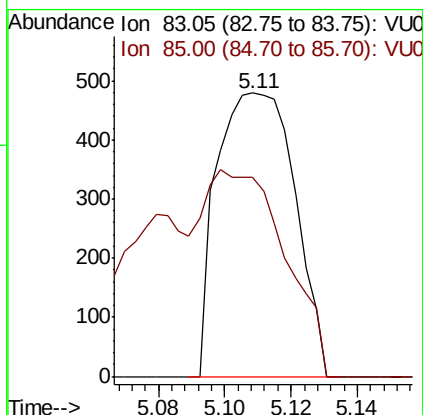
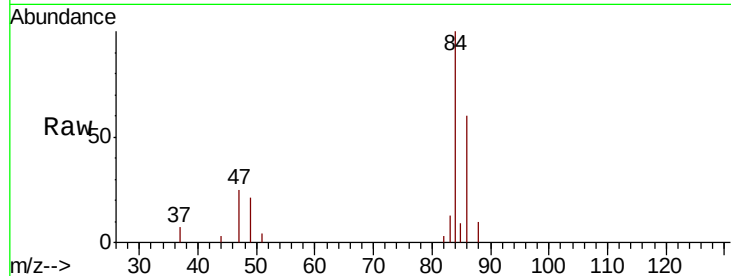




#25
Chloroform
Concen: 0.104 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041188.D
Acq: 10 Nov 2020 19:33

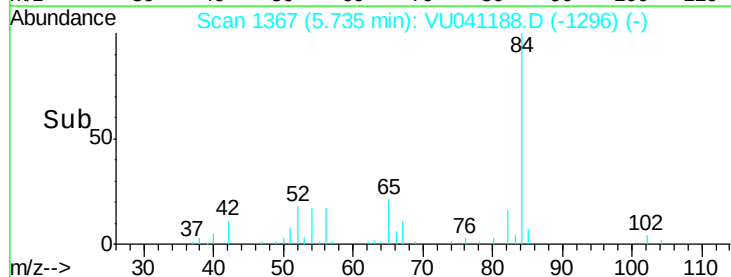
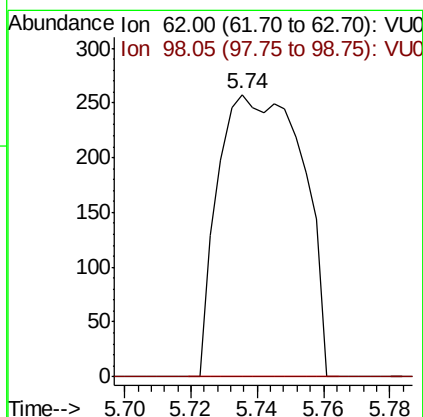
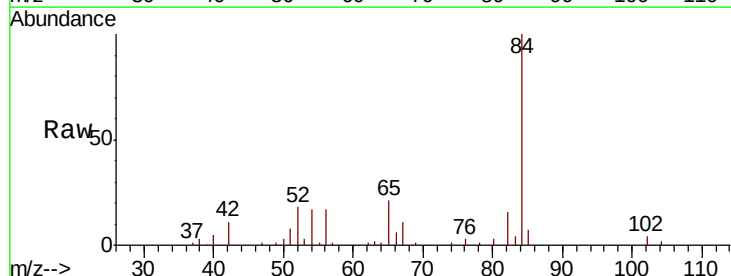
Instrument :
MSVOA_U
ClientSampled :
GB0W0DL

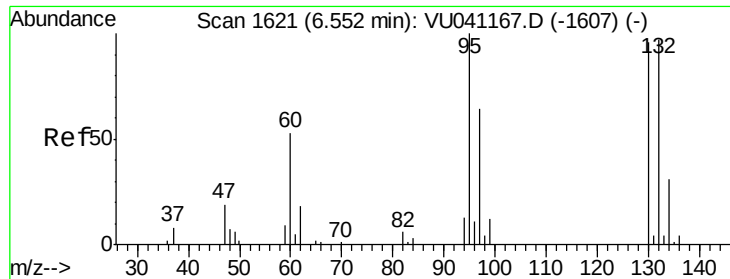
Tot Ion: 83 Resp: 784
Ion Ratio Lower Upper
83 100
85 70.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU041188.D
Acq: 10 Nov 2020 19:33

Tgt Ion: 62 Resp: 455
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#34

Trichloroethene

Concen: 5.881 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041188.D

Acq: 10 Nov 2020 19:33

Instrument :

MSVOA_U

ClientSampleId :

GB0W0DL

Tot Ion: 95 Resp: 25818

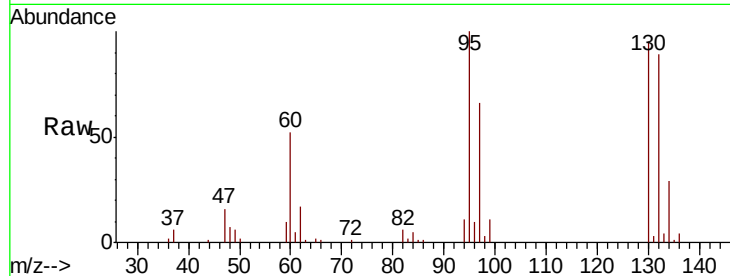
Ion Ratio Lower Upper

95 100

97 66.2 45.6 84.6

132 88.9 64.8 120.4

130 95.1 64.8 120.4

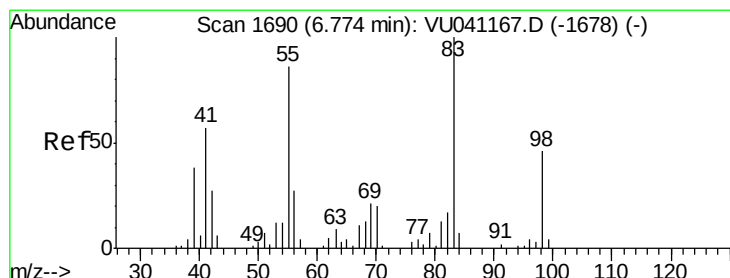
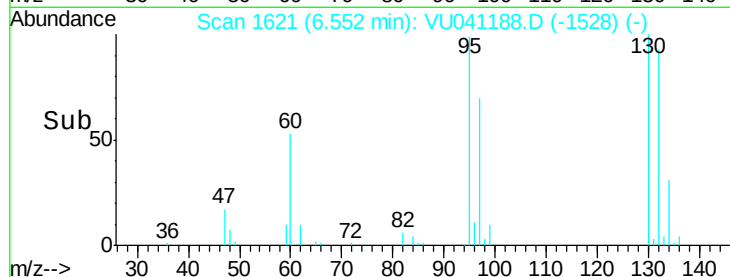
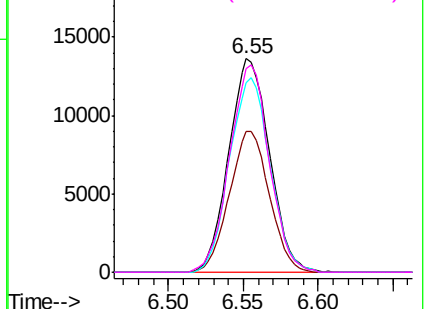


Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Methylcyclohexane

Concen: 0.865 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041188.D

Acq: 10 Nov 2020 19:33

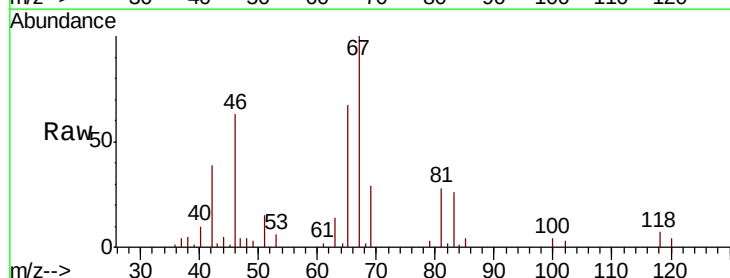
Tgt Ion: 83 Resp: 5668

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

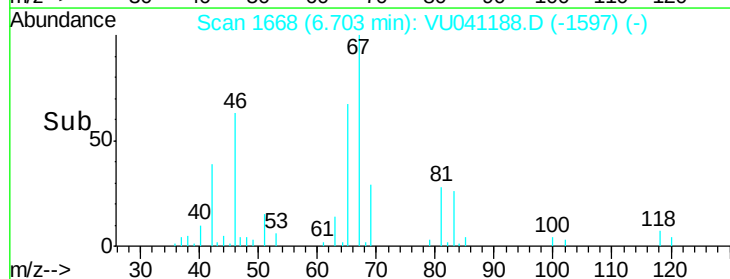
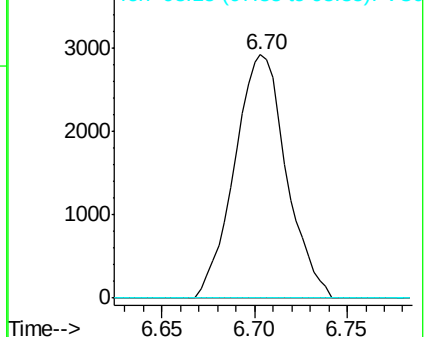
98 0.0 36.6 55.0#

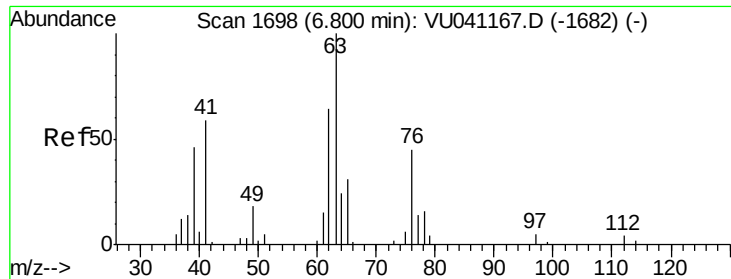


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

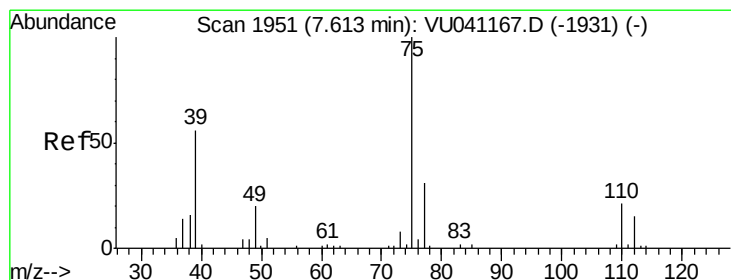
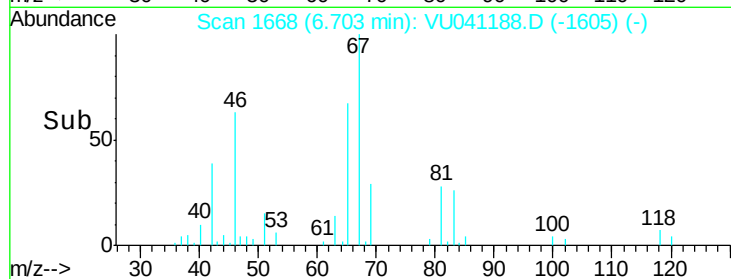
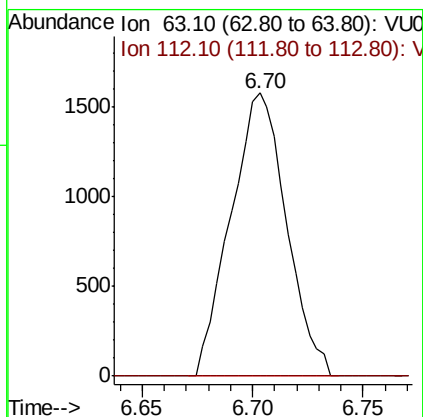
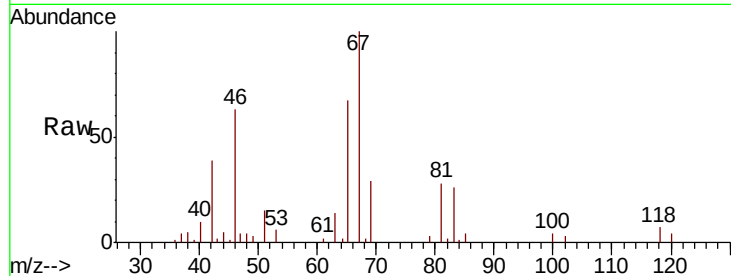




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041188.D
 Acq: 10 Nov 2020 19:33

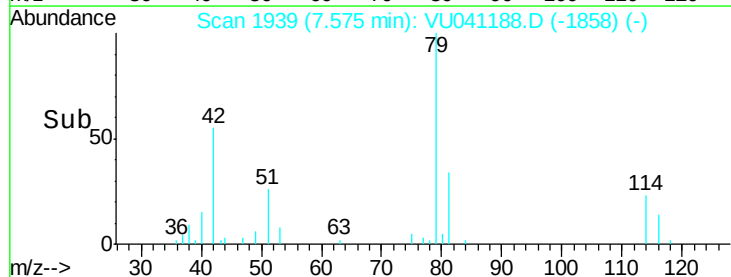
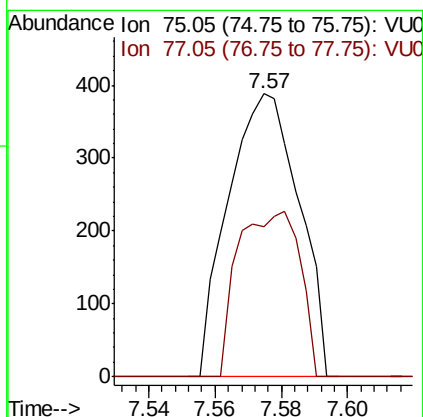
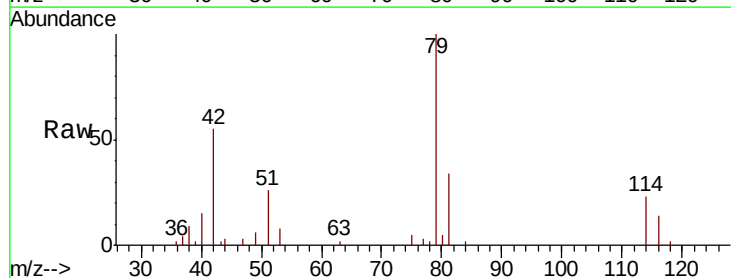
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W0DL

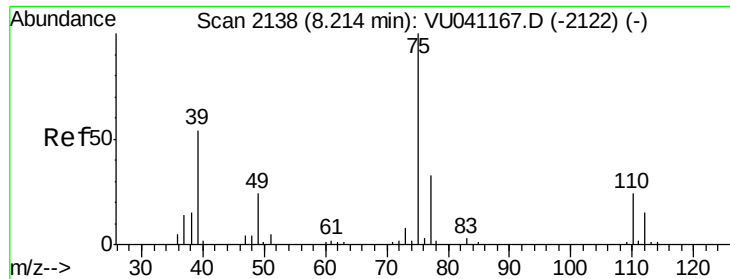
Tot Ion: 63 Resp: 2757
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041188.D
 Acq: 10 Nov 2020 19:33

Tgt Ion: 75 Resp: 576
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041188.D

Acq: 10 Nov 2020 19:33

Instrument :

MSVOA_U

ClientSampleId :

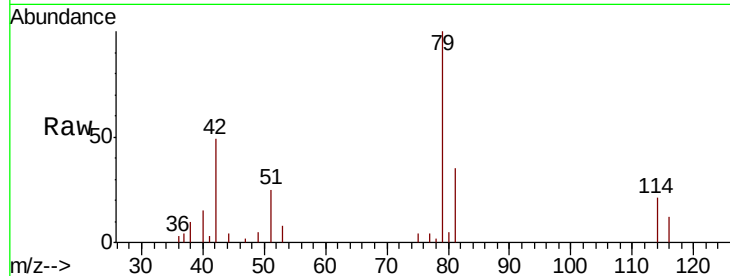
GB0W0DL

Tot Ion: 75 Resp: 366

Ion Ratio Lower Upper

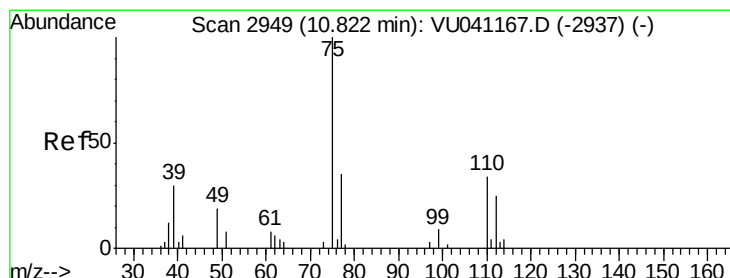
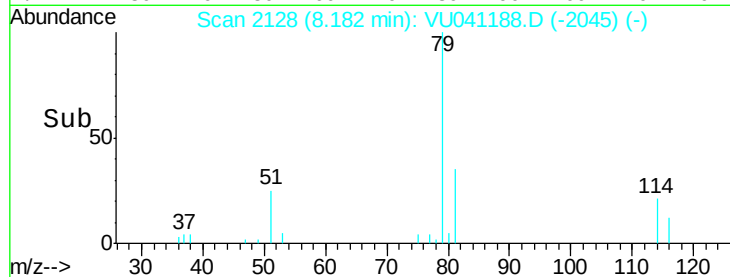
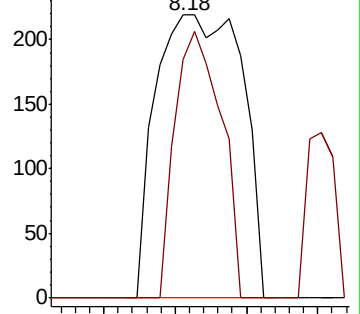
75 100

77 84.5 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.940 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041188.D

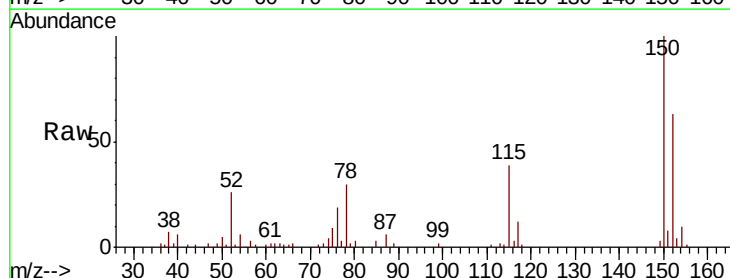
Acq: 10 Nov 2020 19:33

Tgt Ion: 75 Resp: 3272

Ion Ratio Lower Upper

75 100

77 41.2 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

