

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041741.D
 Acq On : 22 Dec 2020 15:02
 Operator : SY/MD
 Sample : L5162-09DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB255DL

Quant Time: Dec 23 04:08:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131140	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34840	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.92	69	41076	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	63	58994	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.67	46	170874	58.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.04%
24) Chloroform-d	5.08	84	87598	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	50432	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.74	84	167527	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.70	67	55943	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.90	98	137557	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.18	79	23110	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.64	63	146625	52.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54231	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	54615	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

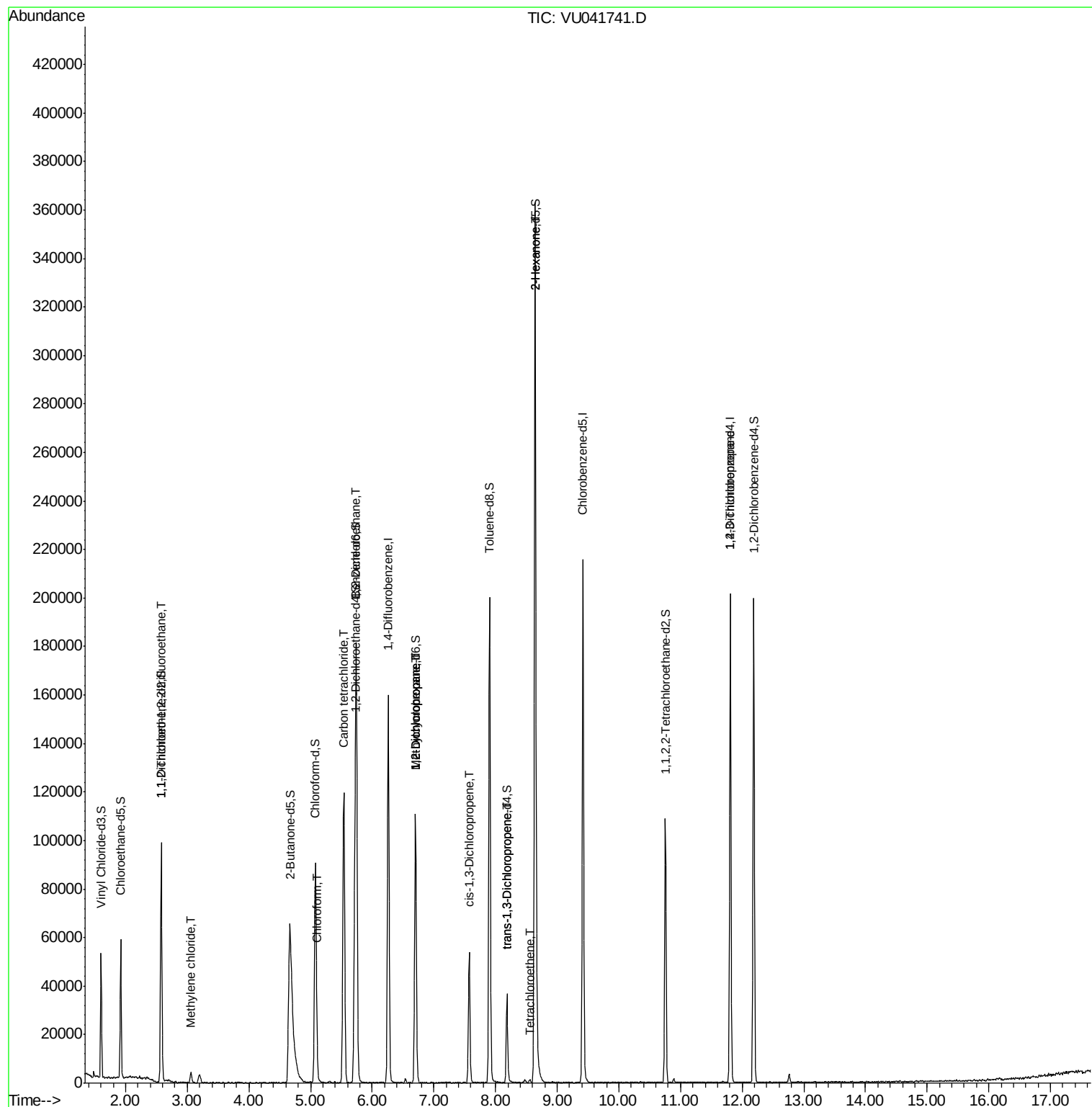
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	667	0.074	ug/L #	22
16) Methylene chloride	3.06	84	2245	0.211	ug/L	92
25) Chloroform	5.11	83	1557	0.090	ug/L	96
27) 1,2-Dichloroethane	5.74	62	921	0.079	ug/L #	73
31) Carbon tetrachloride	5.54	117	83082	6.586	ug/L	99
35) Methylcyclohexane	6.70	83	13047	0.791	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6017	0.579	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1290	0.084	ug/L #	65
44) trans-1,3-Dichloropropene	8.19	75	896	0.065	ug/L	89
47) Tetrachloroethene	8.56	164	523	0.073	ug/L #	68
48) 2-Hexanone	8.64	43	16889	3.138	ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	6319	0.810	ug/L	97

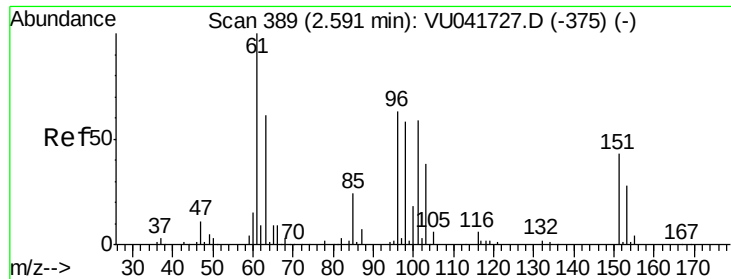
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 23 04:05:15 2020
Response via : Initial Calibration





#10

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

Concen: 0.074 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041741.D

Acq: 22 Dec 2020 15:02

Instrument :

MSVOA_U

ClientSampleId :

GB255DL

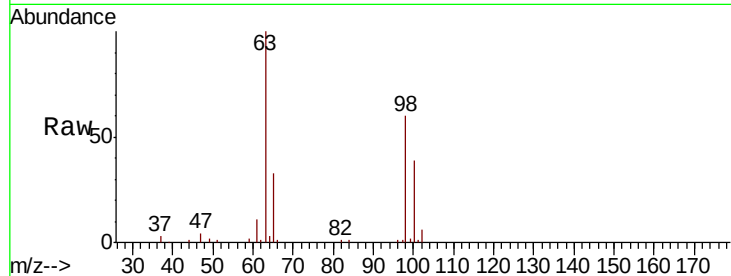
Tot Ion:101 Resp: 667

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

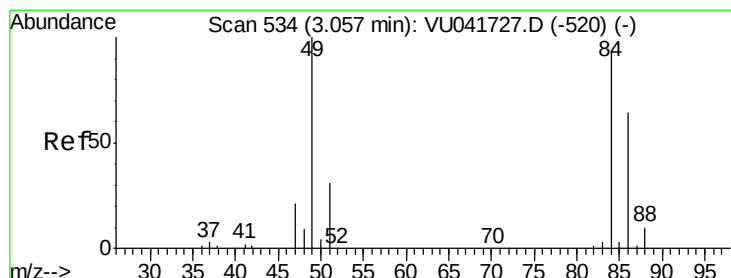
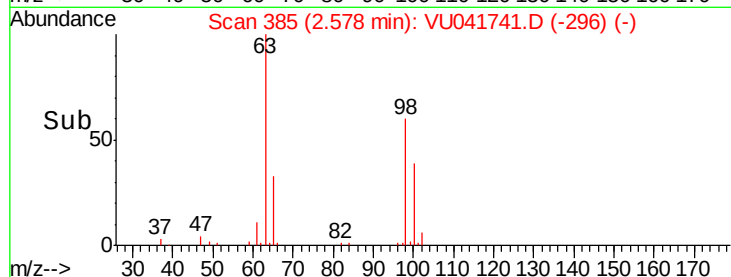
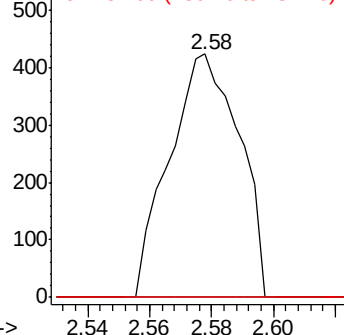
151 0.0 56.2 84.4#



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



#16

Methylene chloride

Concen: 0.211 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU041741.D

Acq: 22 Dec 2020 15:02

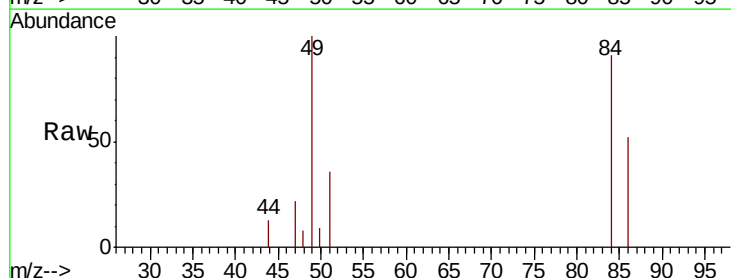
Tgt Ion: 84 Resp: 2245

Ion Ratio Lower Upper

84 100

86 57.2 45.1 83.7

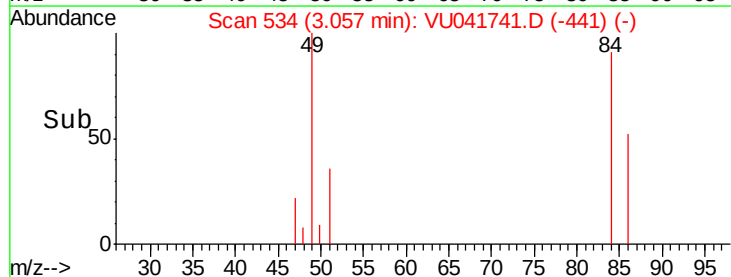
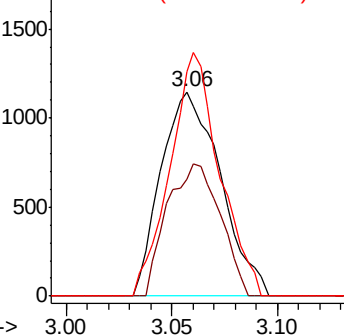
49 110.2 83.1 154.3

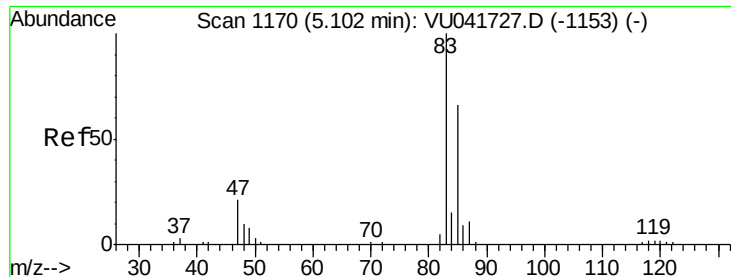


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

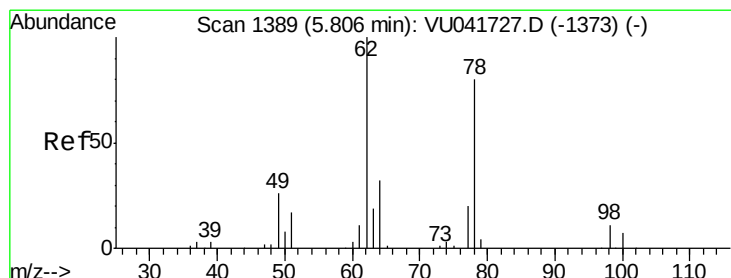
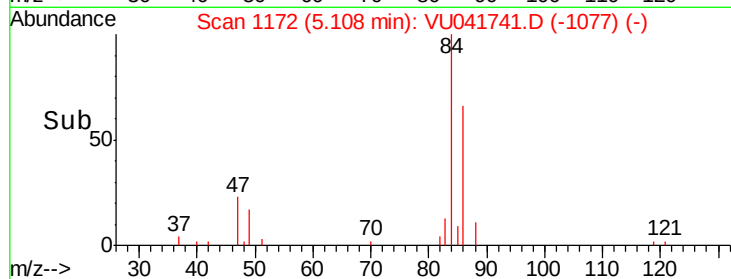
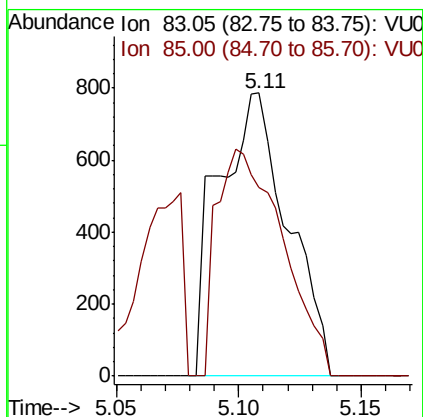
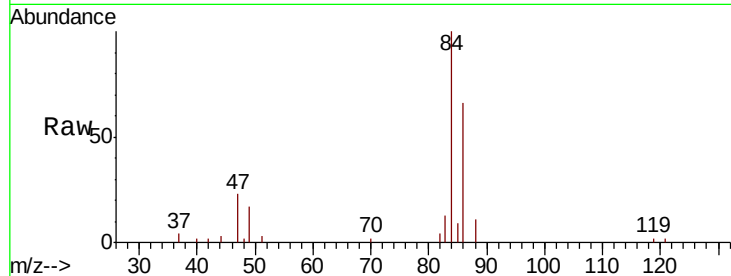




#25
Chloroform
Concen: 0.090 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041741.D
Acq: 22 Dec 2020 15:02

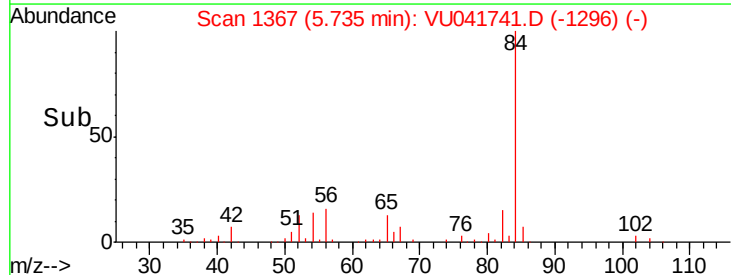
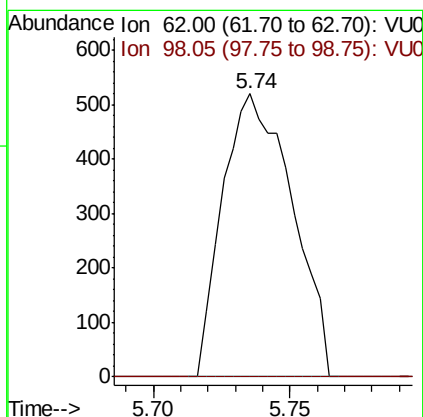
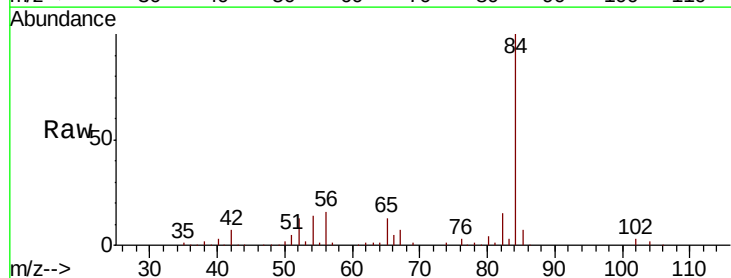
Instrument :
MSVOA_U
ClientSampled :
GB255DL

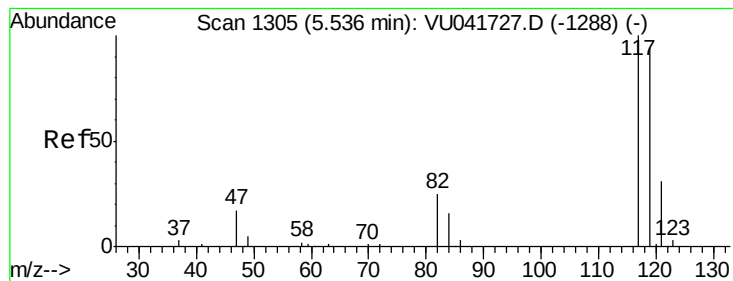
Tot Ion: 83 Resp: 1557
Ion Ratio Lower Upper
83 100
85 66.4 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU041741.D
Acq: 22 Dec 2020 15:02

Tgt Ion: 62 Resp: 921
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#31

Carbon tetrachloride

Concen: 6.586 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU041741.D

Acq: 22 Dec 2020 15:02

Instrument :

MSVOA_U

ClientSampleId :

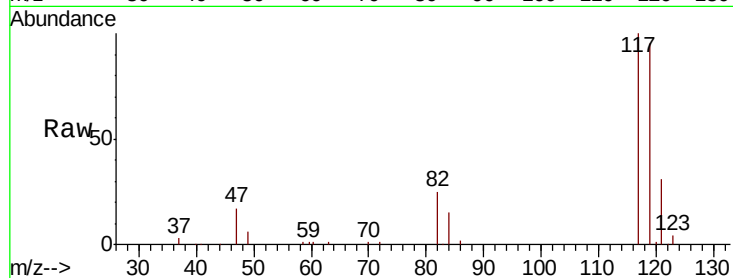
GB255DL

Tot Ion:117 Resp: 83082

Ion Ratio Lower Upper

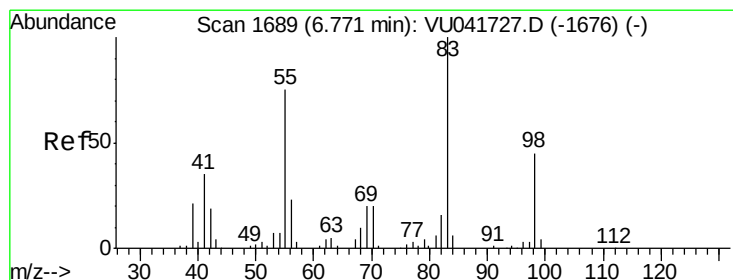
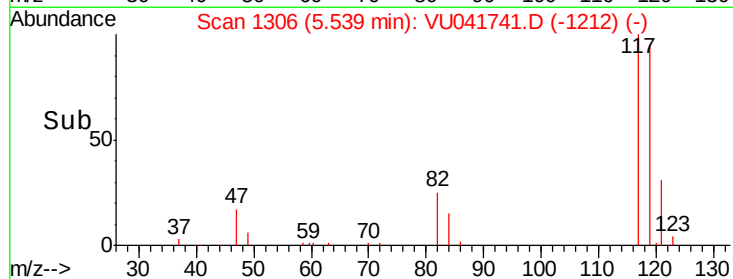
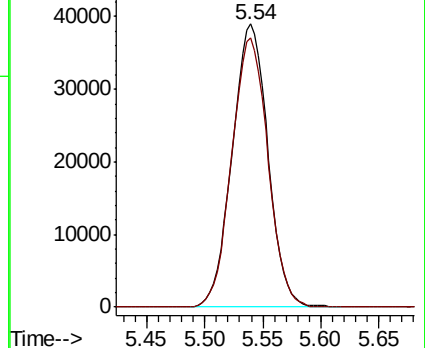
117 100

119 96.4 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041741.D

Acq: 22 Dec 2020 15:02

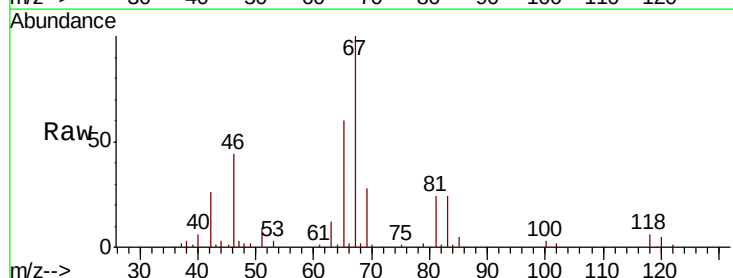
Tgt Ion: 83 Resp: 13047

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

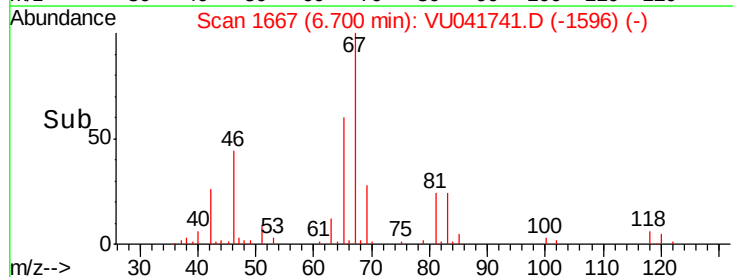
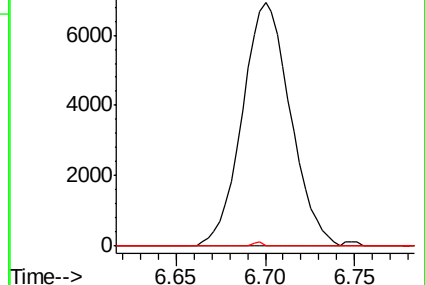
98 0.3 36.6 54.8#

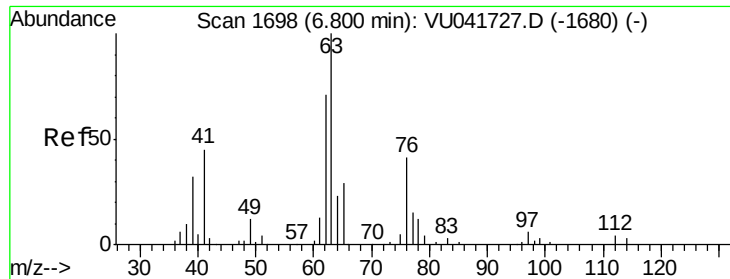


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

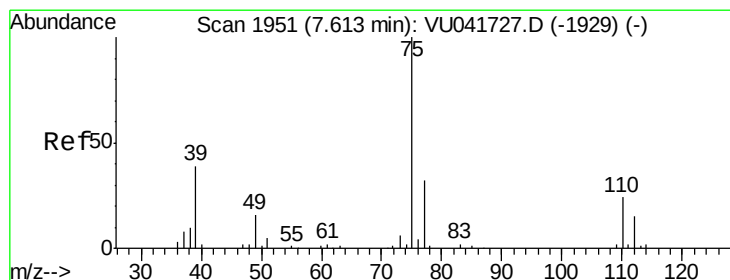
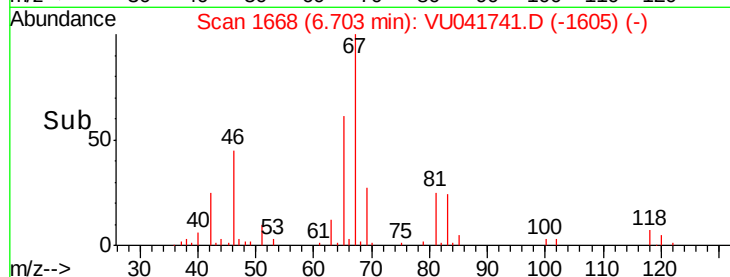
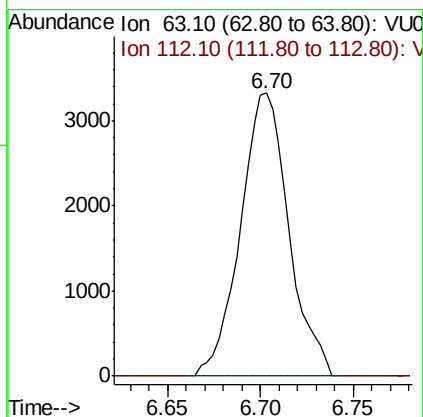
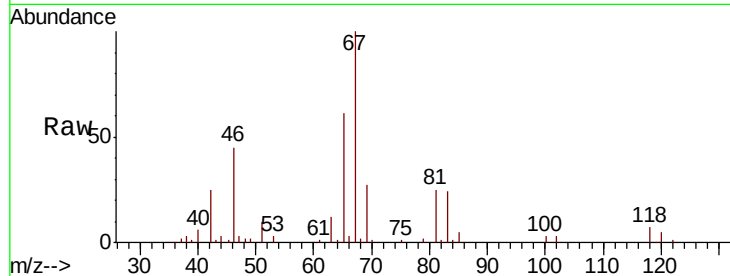




#37
 1,2-Dichloropropane
 Concen: 0.579 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041741.D
 Acq: 22 Dec 2020 15:02

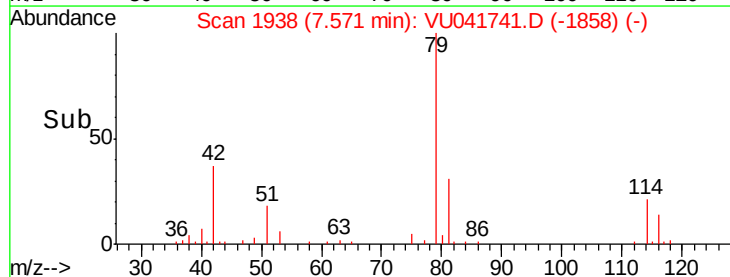
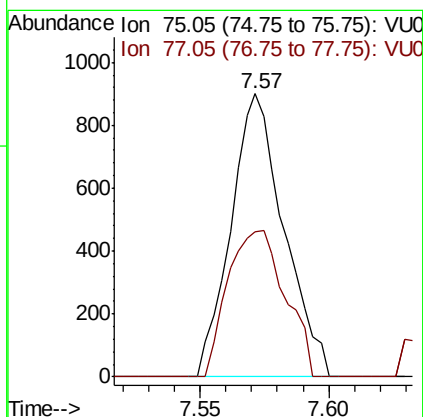
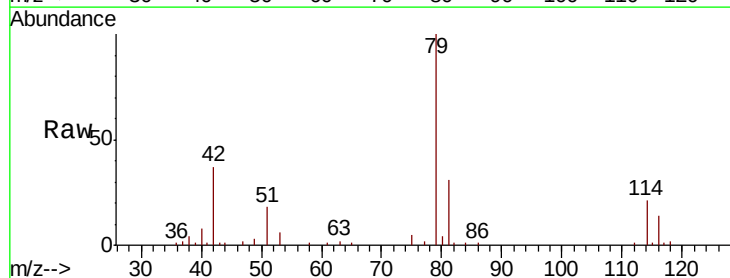
Instrument :
 MSVOA_U
 ClientSampleId :
 GB255DL

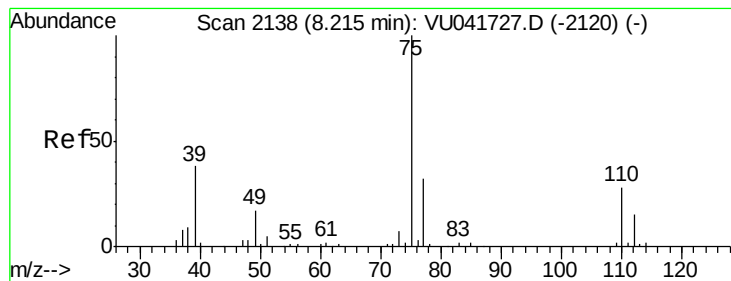
Tot Ion: 63 Resp: 6017
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041741.D
 Acq: 22 Dec 2020 15:02

Tgt Ion: 75 Resp: 1290
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041741.D

Acq: 22 Dec 2020 15:02

Instrument :

MSVOA_U

ClientSampleId :

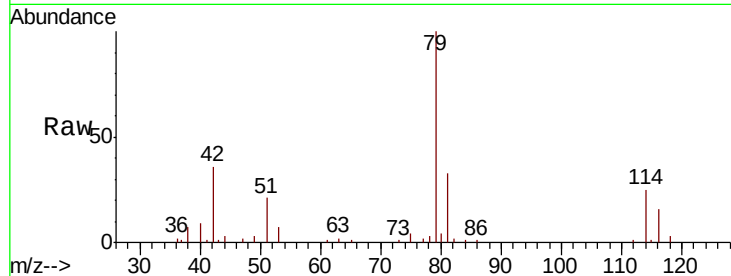
GB255DL

Tot Ion: 75 Resp: 896

Ion Ratio Lower Upper

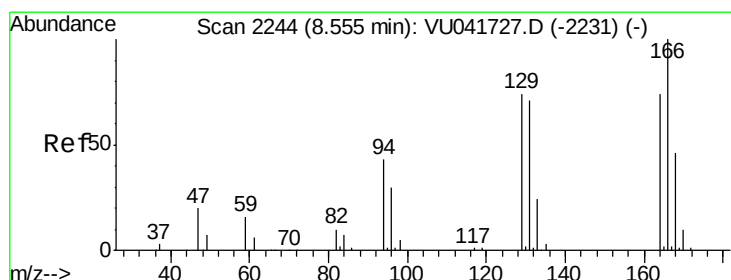
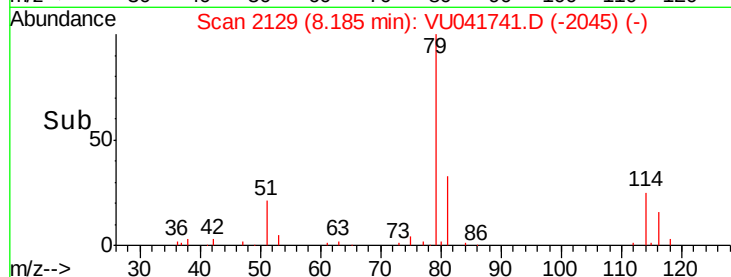
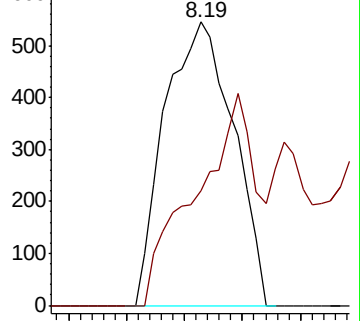
75 100

77 40.4 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.073 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041741.D

Acq: 22 Dec 2020 15:02

Tgt Ion: 164 Resp: 523

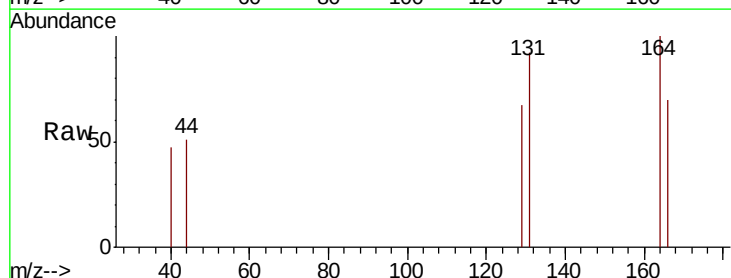
Ion Ratio Lower Upper

164 100

129 67.5 72.2 134.0#

131 92.0 66.9 124.3

166 70.2 89.6 166.4#

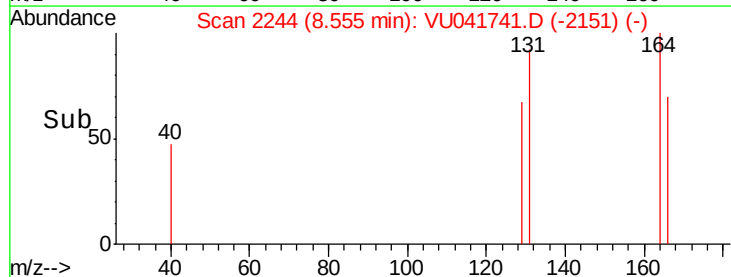
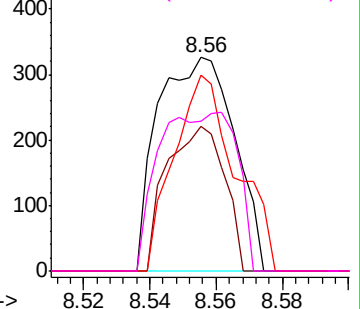


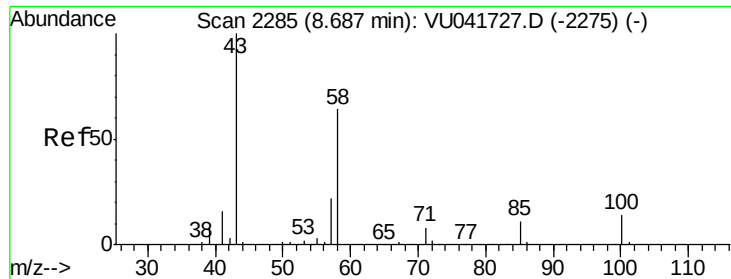
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

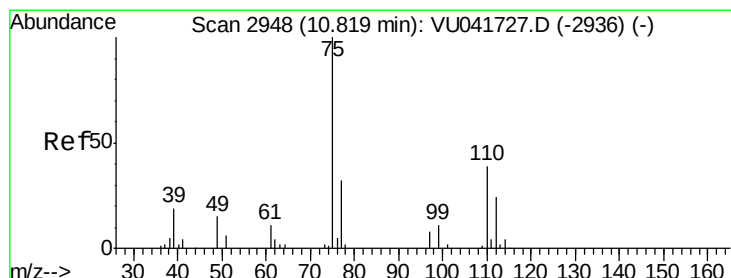
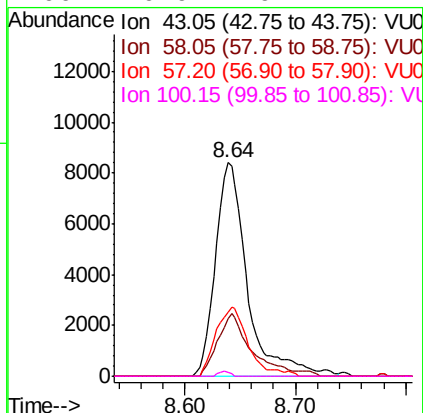
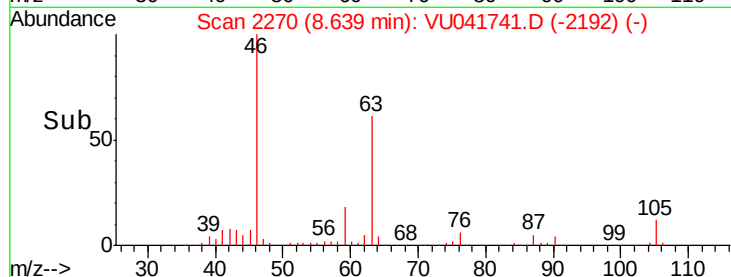
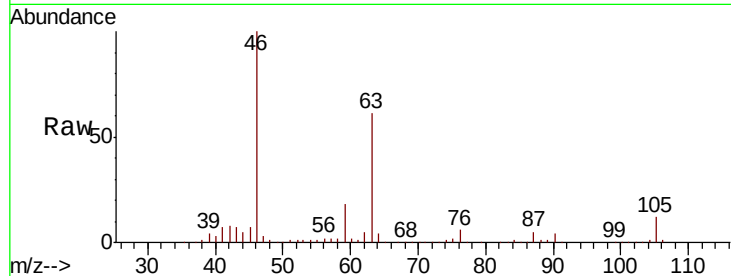




#48
2-Hexanone
Concen: 3.138 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041741.D
Acq: 22 Dec 2020 15:02

Instrument :
MSVOA_U
ClientSampleId :
GB255DL

Tot Ion: 43 Resp: 16889
Ion Ratio Lower Upper
43 100
58 30.4 47.9 71.9#
57 32.8 16.5 24.7#
100 0.9 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.810 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041741.D
Acq: 22 Dec 2020 15:02

Tgt Ion: 75 Resp: 6319
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.2

