

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041747.D
 Acq On : 22 Dec 2020 17:37
 Operator : SY/MD
 Sample : L5148-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T3

Quant Time: Dec 23 05:09:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131936	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32342	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	1.92	69	37296	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	54863	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.65	46	160321	54.11	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	5.08	84	80370	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	48945	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.74	84	153853	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.70	67	53073	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.90	98	129982	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	8.19	79	21474	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.64	63	144534	50.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52371	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	50776	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

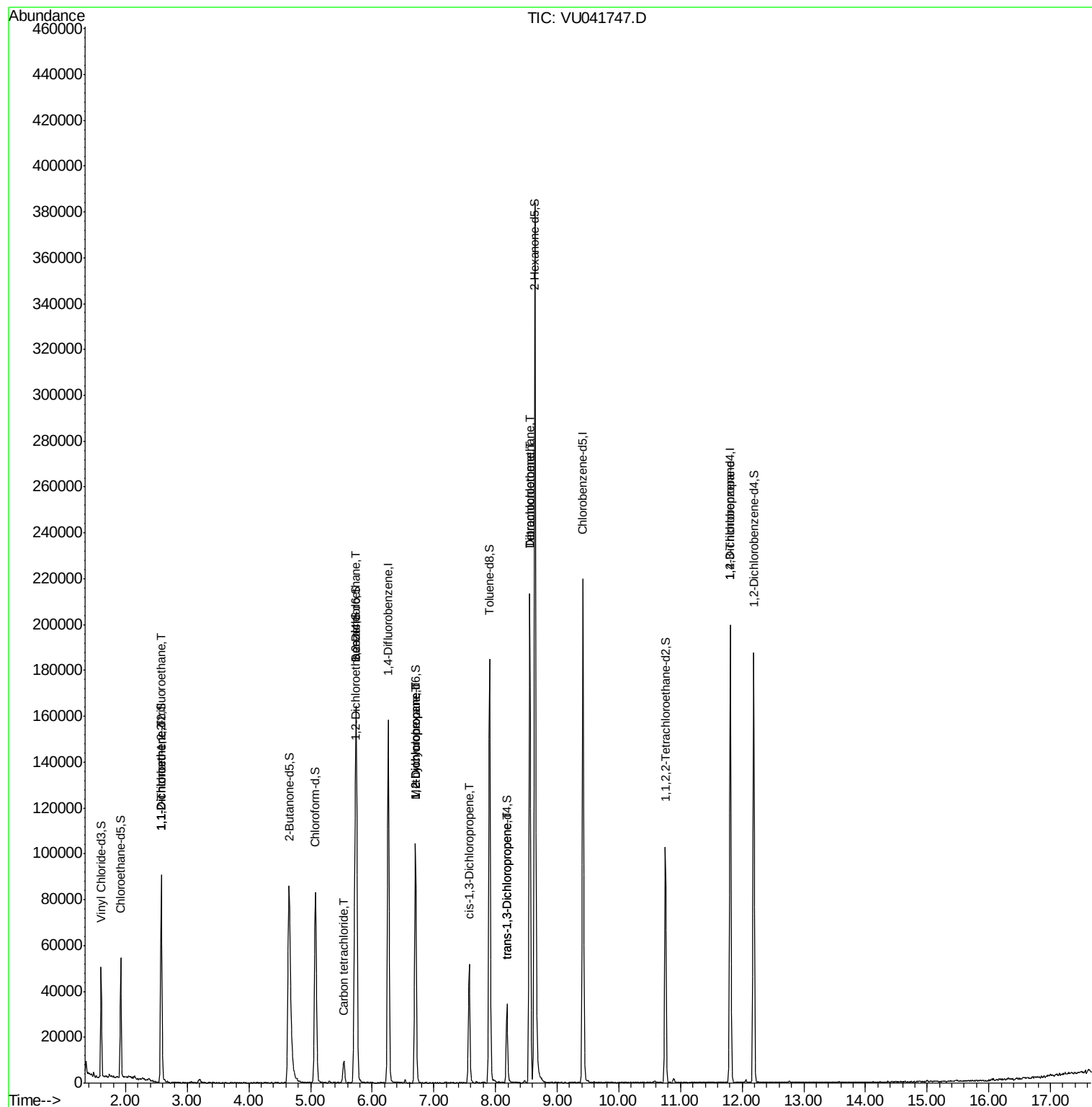
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	427	0.047	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	489	0.055	ug/L #	1
27) 1,2-Dichloroethane	5.75	62	785	0.067	ug/L #	73
31) Carbon tetrachloride	5.54	117	7058	0.546	ug/L	97
35) Methylcyclohexane	6.70	83	12234	0.724	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5641	0.530	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1240	0.079	ug/L #	81
44) trans-1,3-Dichloropropene	8.19	75	901	0.064	ug/L	92
47) Tetrachloroethene	8.56	164	47998	6.556	ug/L	98
49) Dibromochloromethane	8.56	129	47277	5.228	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	5951	0.744	ug/L	99

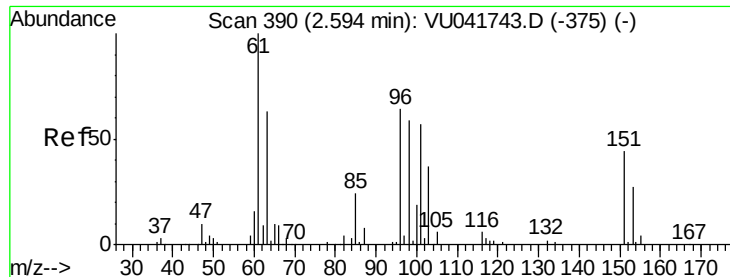
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration





#10

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

Concen: 0.047 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041747.D

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Instrument :

MSVOA_U

ClientSampleId :

GB1T3

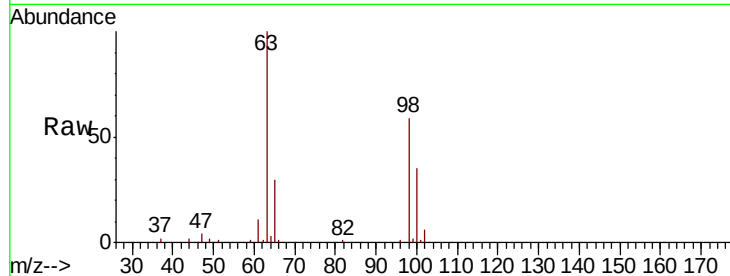
Tot Ion:101 Resp: 427

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

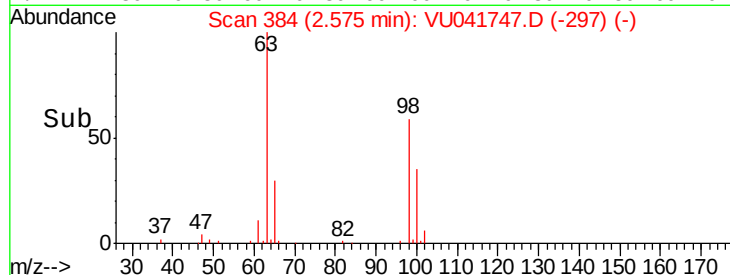
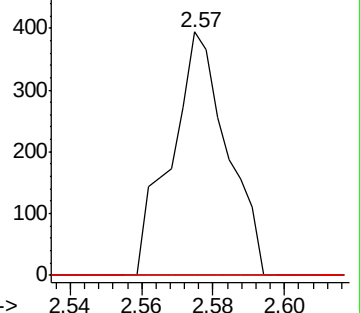
151 0.0 56.2 84.4#



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



#12

1,1-Dichloroethene

Concen: 0.055 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041747.D

Acq: 22 Dec 2020 17:37

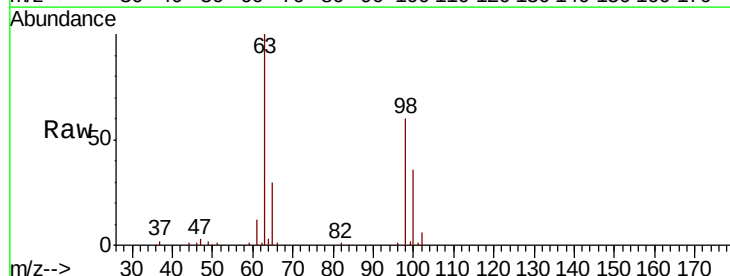
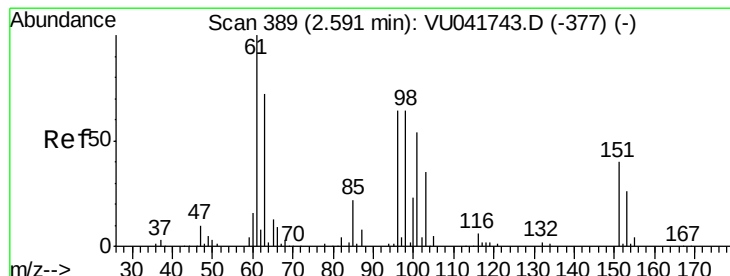
Tgt Ion: 96 Resp: 489

Ion Ratio Lower Upper

96 100

61 1098.6 123.8 230.0#

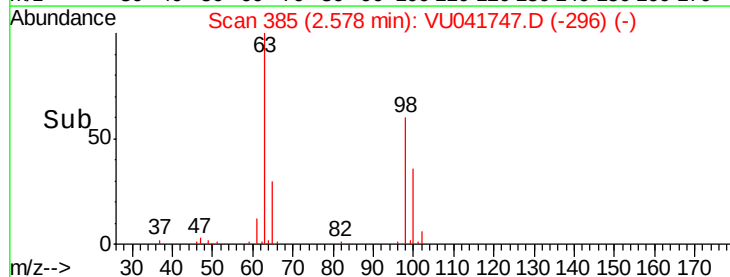
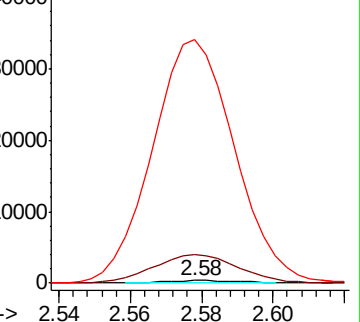
63 9418.8 81.0 150.4#

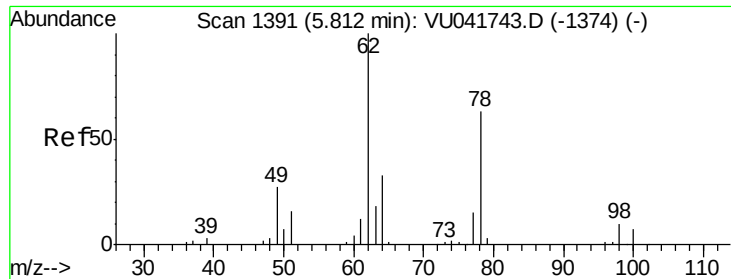


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

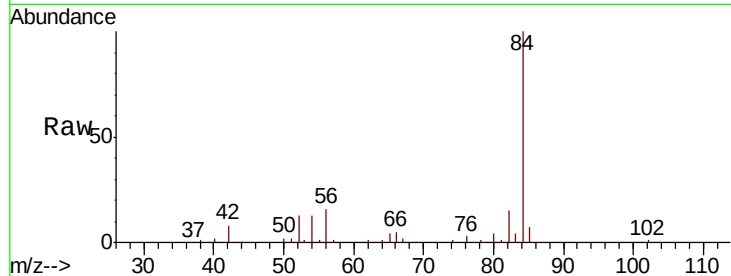




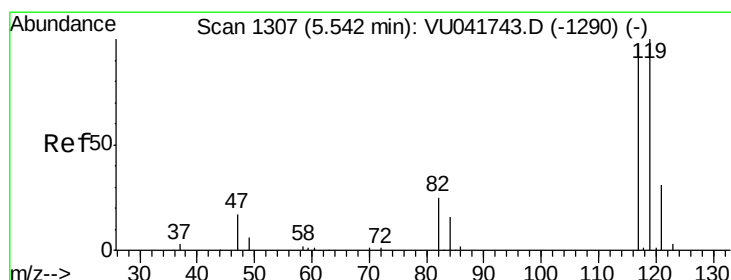
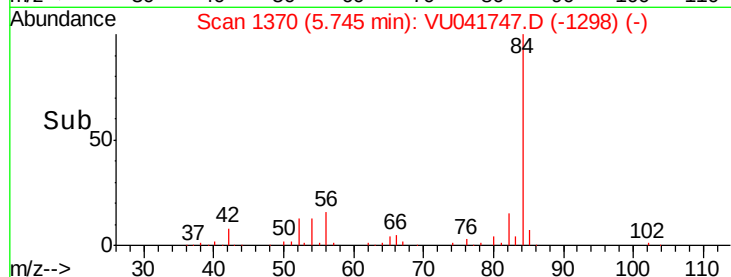
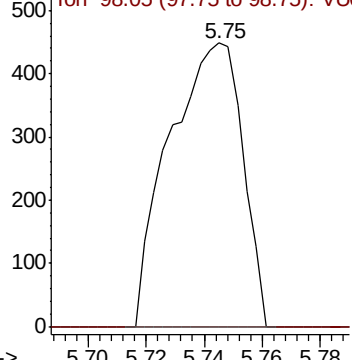
#27
 1,2-Dichloroethane
 Concen: 0.067 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.07 min
 Lab File: VU041747.D
 Acq: 22 Dec 2020 17:37

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T3

Tot Ion: 62 Resp: 785
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#

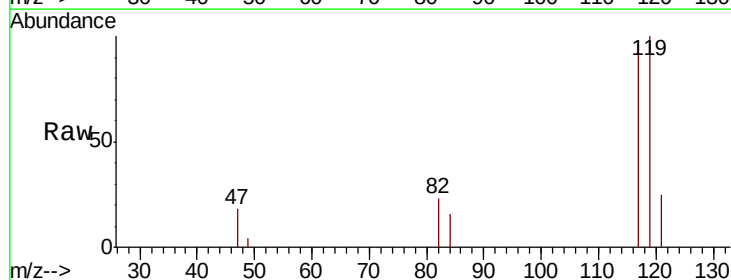


Abundance Ion 62.00 (61.70 to 62.70): VU041747.D (-1374) (-)
 Ion 98.05 (97.75 to 98.75): VU041747.D (-1374) (-)

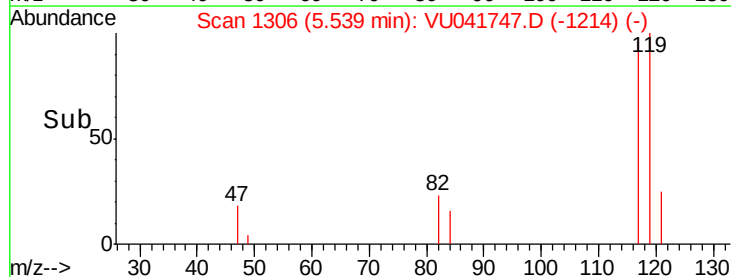
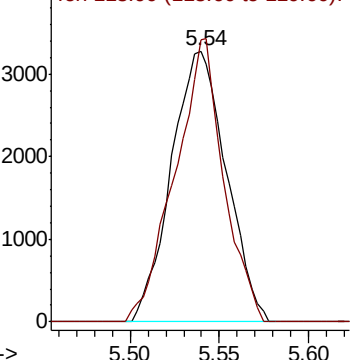


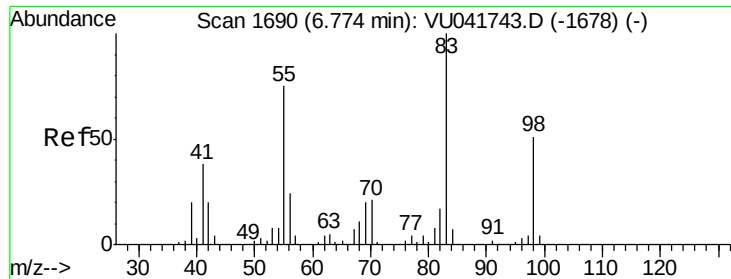
#31
 Carbon tetrachloride
 Concen: 0.546 ug/L
 RT: 5.54 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: VU041747.D
 Acq: 22 Dec 2020 17:37

Tgt Ion: 117 Resp: 7058
 Ion Ratio Lower Upper
 117 100
 119 92.3 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): VU041747.D (-1214) (-)
 Ion 118.90 (118.60 to 119.60): VU041747.D (-1214) (-)

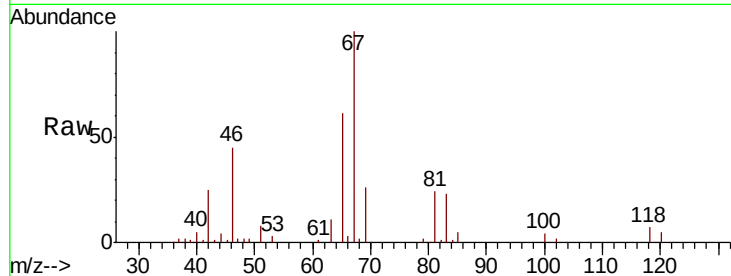




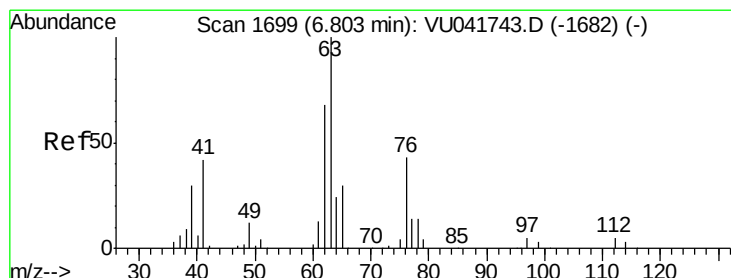
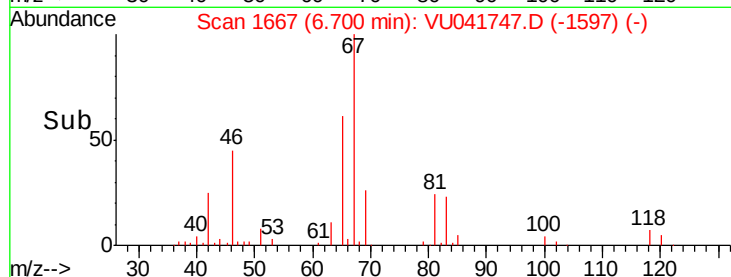
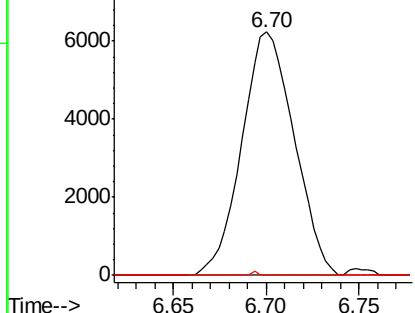
#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041747.D
Acq: 22 Dec 2020 17:37

Instrument :
MSVOA_U
ClientSampleId :
GB1T3

Tot Ion: 83 Resp: 12234
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.2 36.6 54.8#

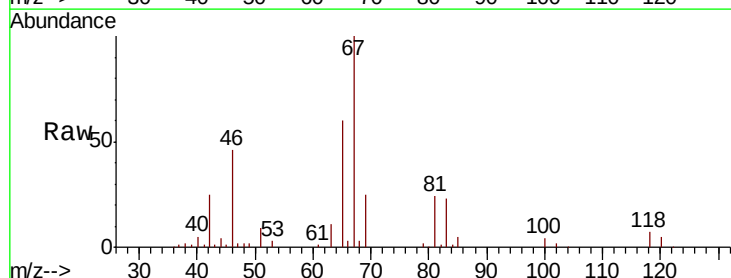


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

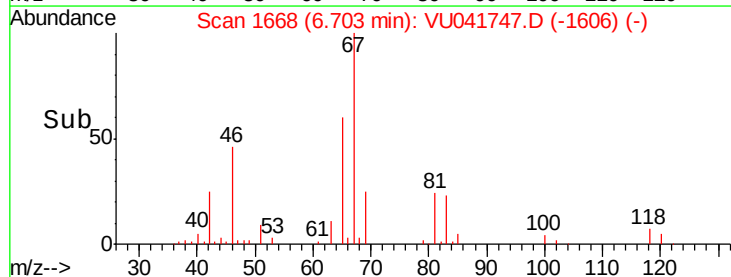
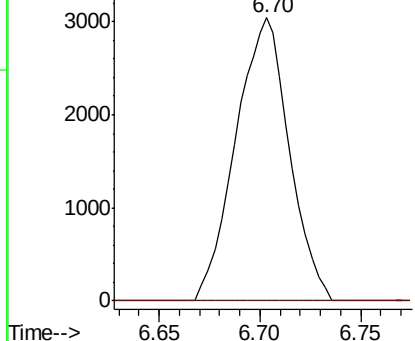


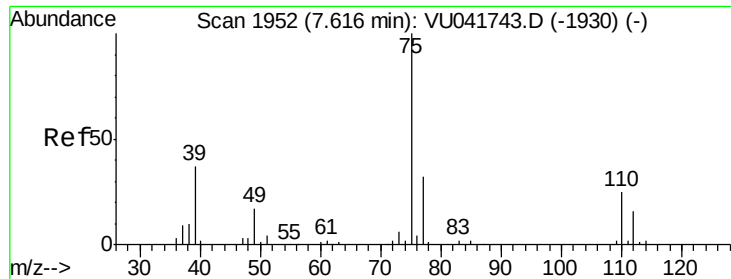
#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041747.D
Acq: 22 Dec 2020 17:37

Tgt Ion: 63 Resp: 5641
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



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

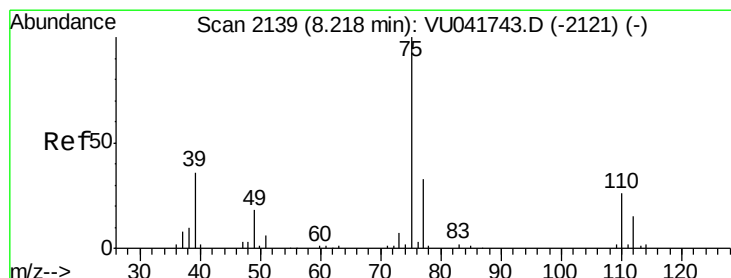
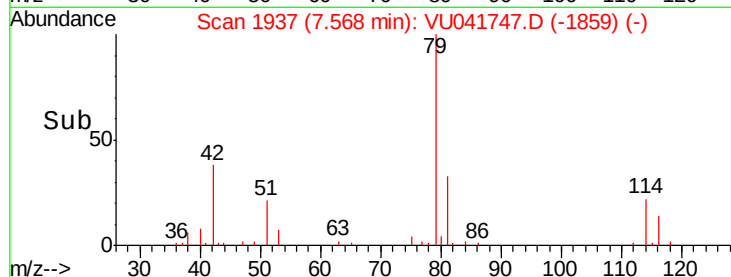
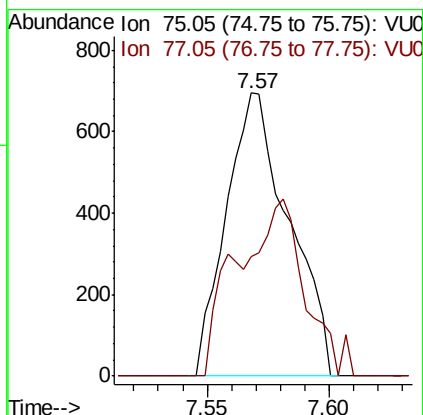
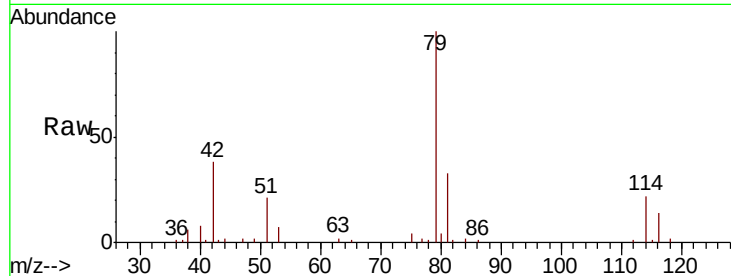




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU041747.D
 Acq: 22 Dec 2020 17:37

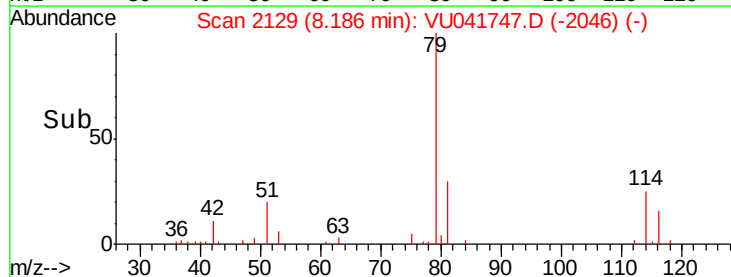
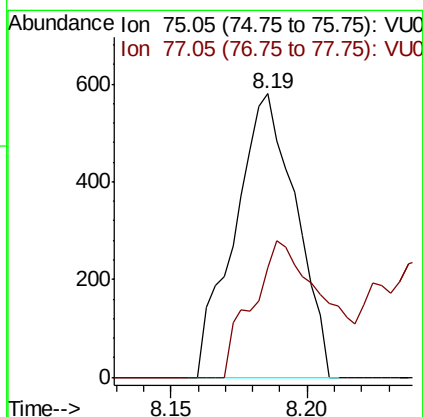
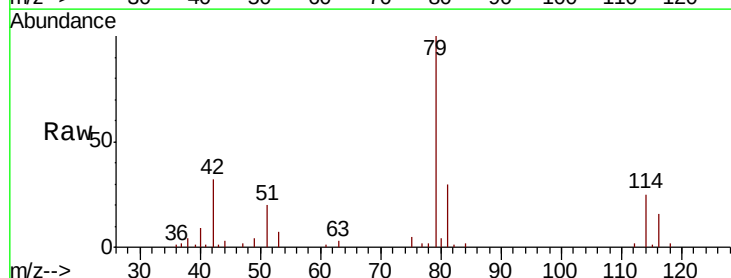
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T3

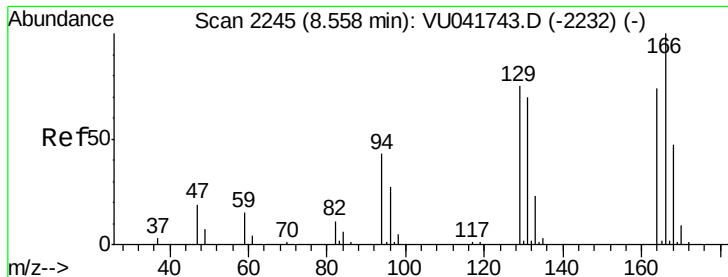
Tot Ion: 75 Resp: 1240
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.3 41.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.064 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041747.D
 Acq: 22 Dec 2020 17:37

Tgt Ion: 75 Resp: 901
 Ion Ratio Lower Upper
 75 100
 77 38.8 23.8 44.2





#47

Tetrachloroethene

Concen: 6.556 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041747.D

Acq: 22 Dec 2020 17:37

Instrument :

MSVOA_U

ClientSampleId :

GB1T3

Tot Ion:164 Resp: 47998

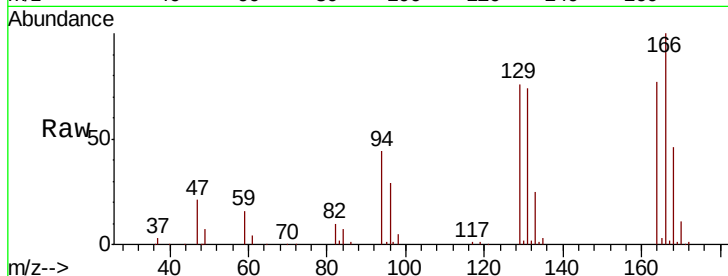
Ion Ratio Lower Upper

164 100

129 98.9 72.2 134.0

131 96.0 66.9 124.3

166 130.0 89.6 166.4

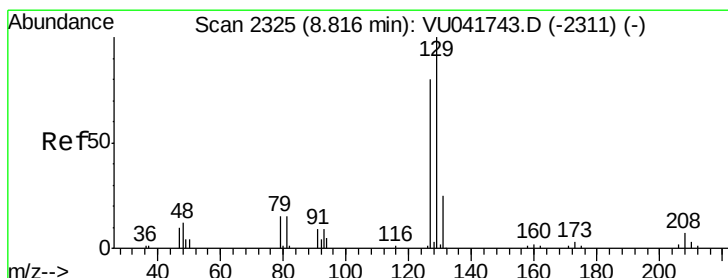
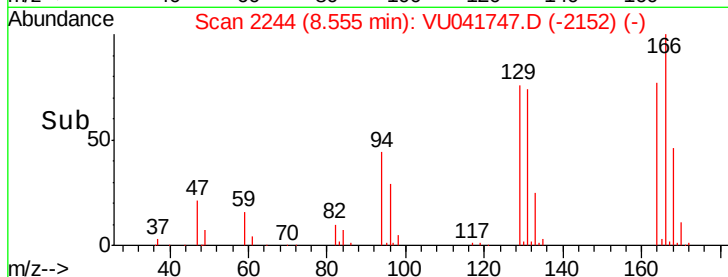
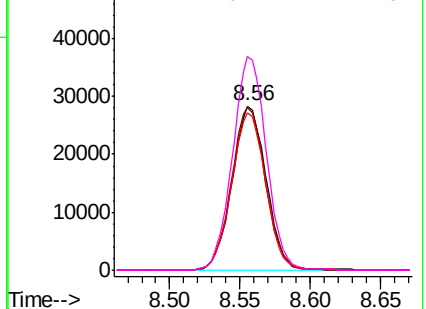


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 5.228 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU041747.D

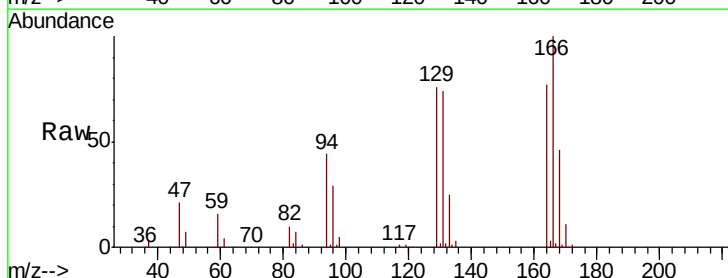
Acq: 22 Dec 2020 17:37

Tgt Ion:129 Resp: 47277

Ion Ratio Lower Upper

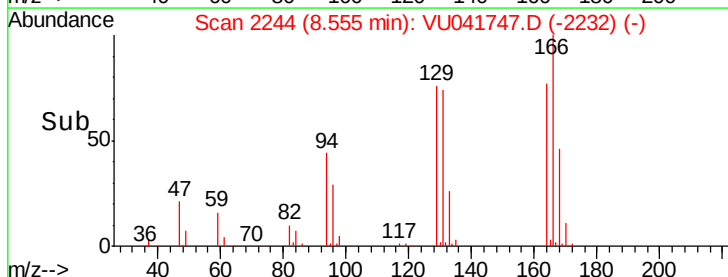
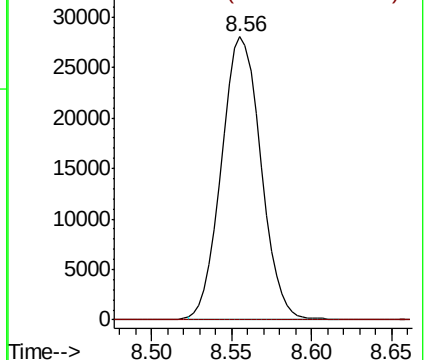
129 100

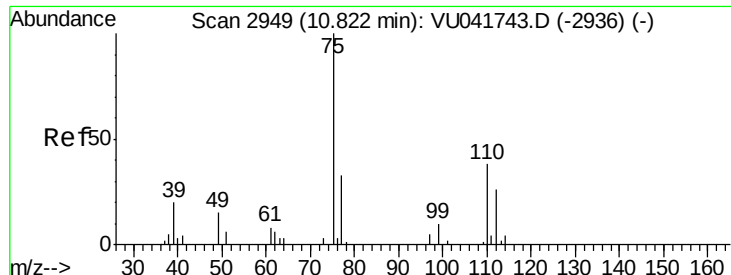
127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.744 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041747.D

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Instrument :

MSVOA_U

ClientSampleId :

GB1T3

Tot Ion: 75 Resp: 5951

Ion Ratio Lower Upper

75 100

77 33.5 26.2 39.2

