

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041598.D
 Acq On : 13 Dec 2020 03:55
 Operator : SY/MD
 Sample : L5060-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B34

Quant Time: Dec 13 11:31:47 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	136783	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127380	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33088	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.92	69	32430	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.58	63	54672	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.66	46	147772	48.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	5.08	84	80362	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	46831	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	161820	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.70	67	52014	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.90	98	141529	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.18	79	20685	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	117219	41.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50135	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	54985	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

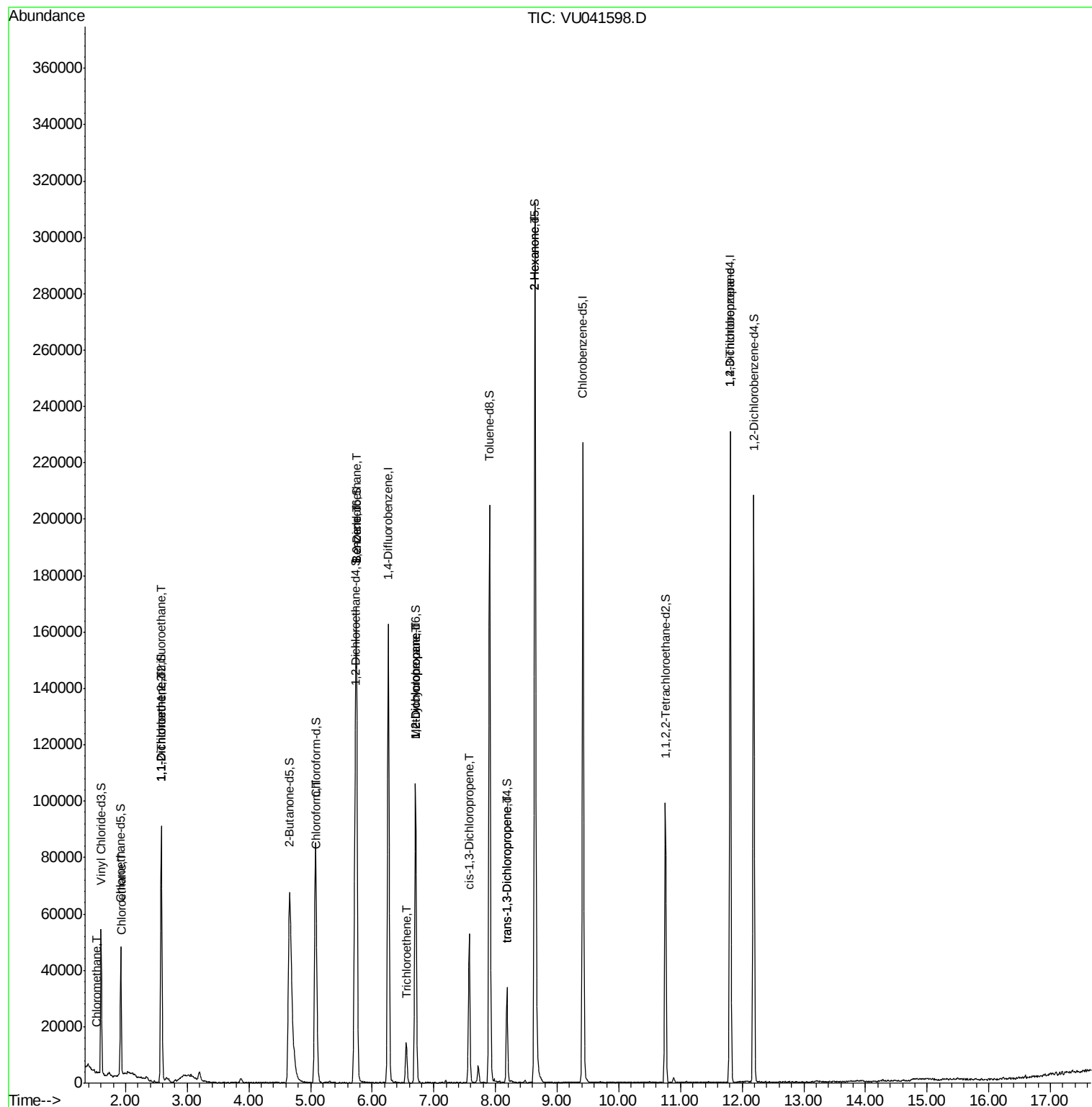
					Ovalue
3) Chloromethane	1.52	50	541	0.048 ug/L #	74
8) Chloroethane	1.94	64	1061	0.126 ug/L #	66
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	435	0.046 ug/L #	22
12) 1,1-Dichloroethene	2.58	96	498	0.054 ug/L #	1
25) Chloroform	5.10	83	7754	0.429 ug/L	96
27) 1,2-Dichloroethane	5.74	62	729	0.060 ug/L #	73
33) Benzene	5.74	78	1062	0.026 ug/L	100
34) Trichloroethene	6.56	95	5161	0.504 ug/L	95
35) Methylcyclohexane	6.70	83	11937	0.721 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5160	0.495 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1219	0.079 ug/L	88
44) trans-1,3-Dichloropropene	8.18	75	839	0.061 ug/L #	66
48) 2-Hexanone	8.64	43	12314	2.282 ug/L #	69
59) 1,2,3-Trichloropropane	11.80	75	6945	0.887 ug/L	98

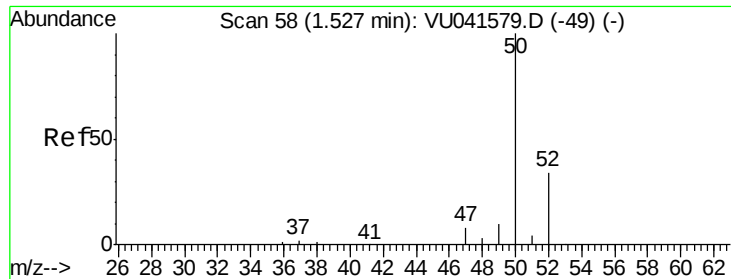
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Dec 13 11:26:38 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.048 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041598.D

Acq: 13 Dec 2020 03:55

Instrument :

MSVOA_U

ClientSampleId :

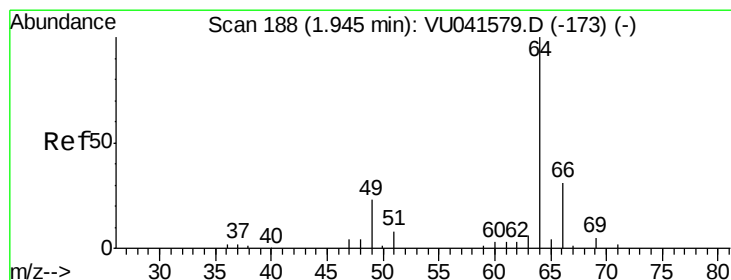
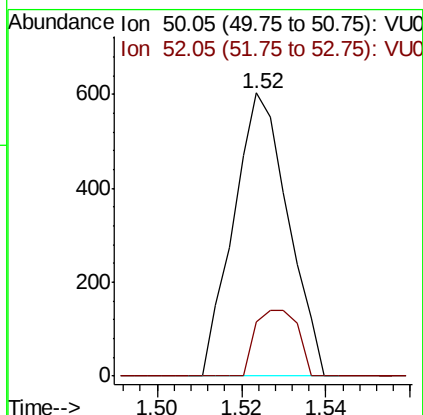
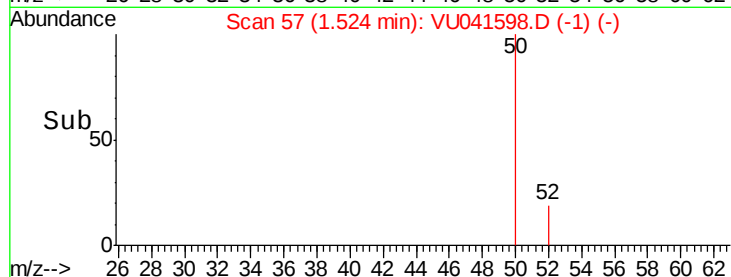
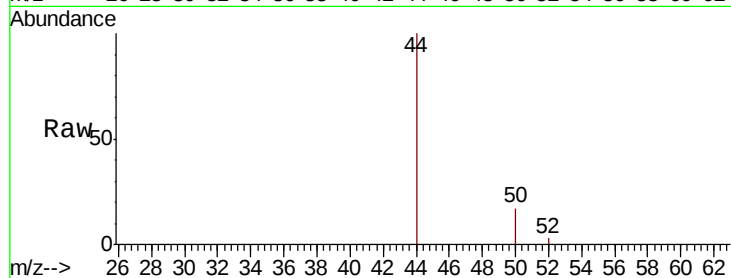
C0B34

Tot Ion: 50 Resp: 541

Ion Ratio Lower Upper

50 100

52 19.4 24.1 44.8#



#8

Chloroethane

Concen: 0.126 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU041598.D

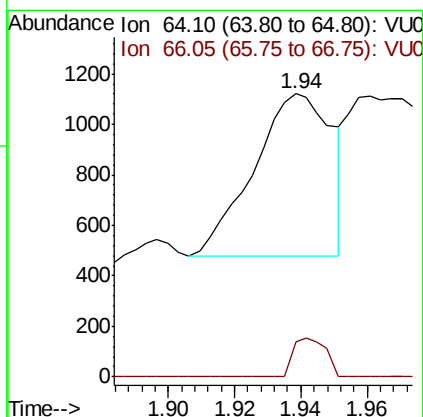
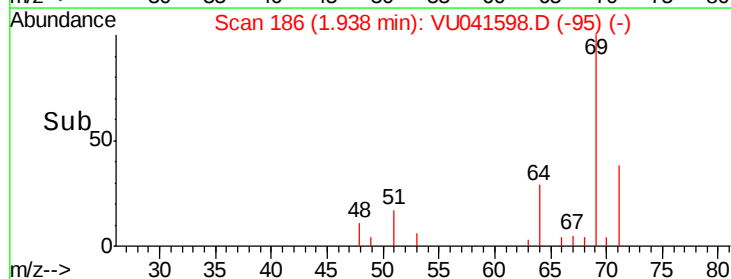
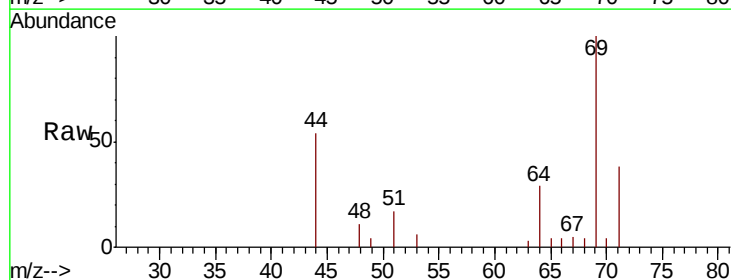
Acq: 13 Dec 2020 03:55

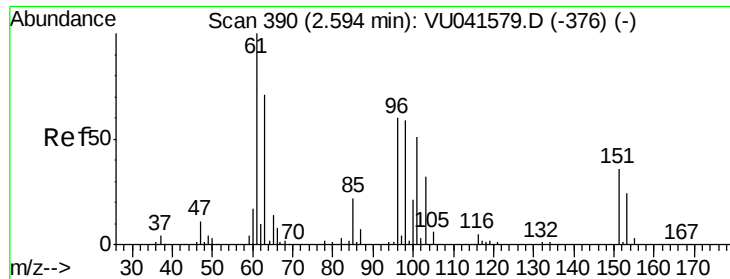
Tgt Ion: 64 Resp: 1061

Ion Ratio Lower Upper

64 100

66 12.3 21.6 40.0#





#10

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

Concen: 0.046 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041598.D

Acq: 13 Dec 2020 03:55

Instrument :

MSVOA_U

ClientSampleId :

C0B34

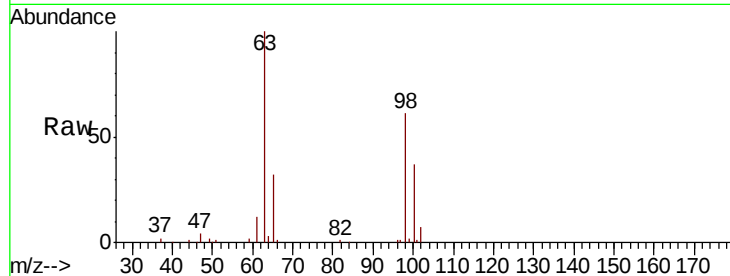
Tot Ion:101 Resp: 435

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

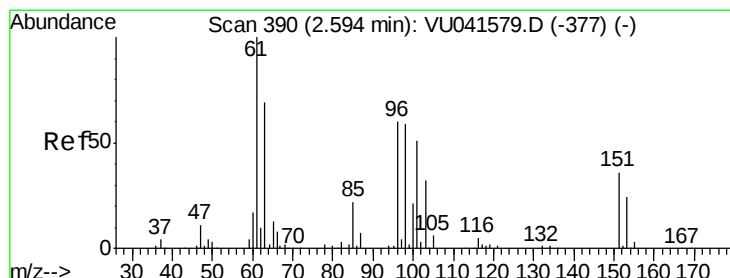
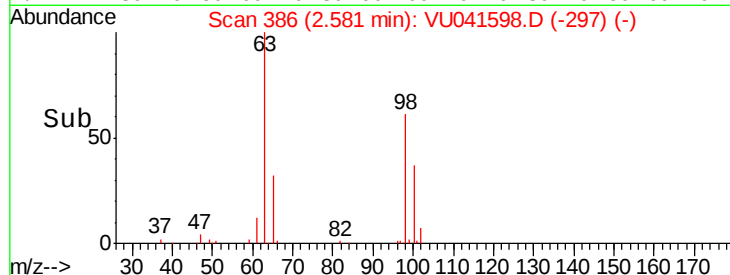
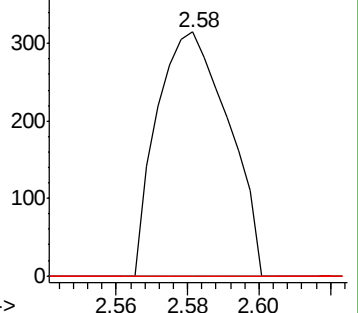
151 0.0 56.2 84.4#



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: 0.054 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041598.D

Acq: 13 Dec 2020 03:55

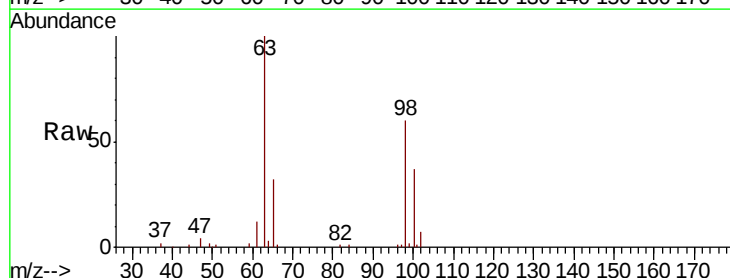
Tgt Ion: 96 Resp: 498

Ion Ratio Lower Upper

96 100

61 1200.3 123.8 230.0#

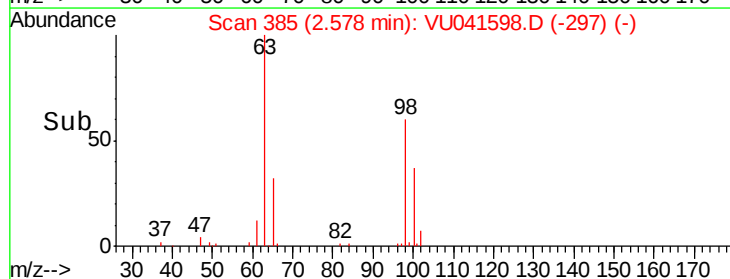
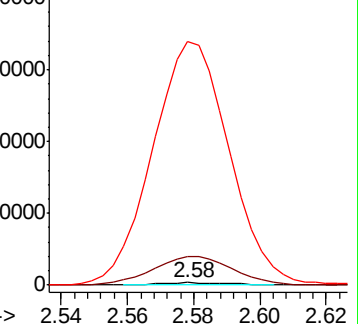
63 10155.7 81.0 150.4#

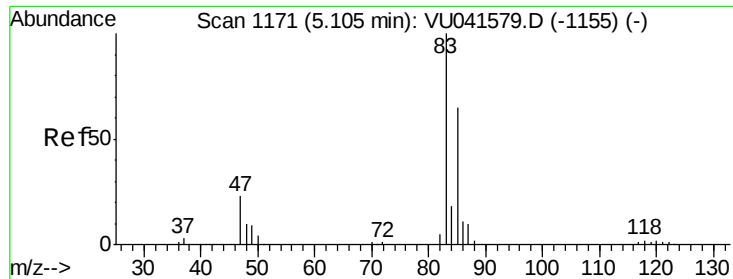


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

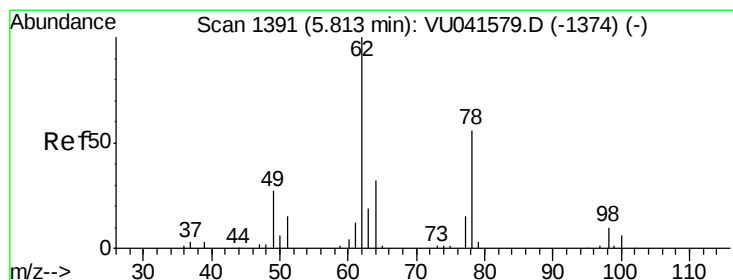
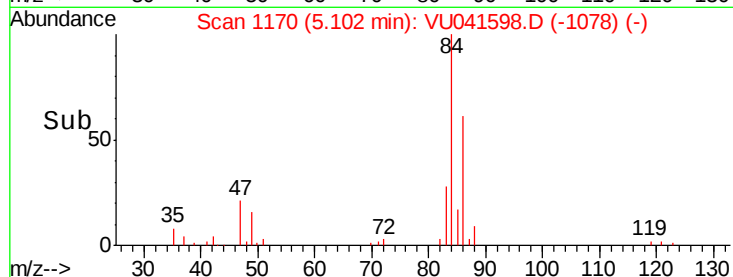
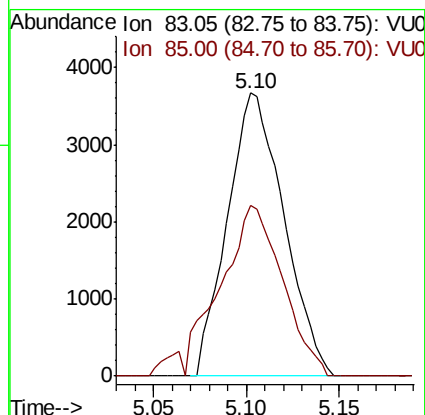
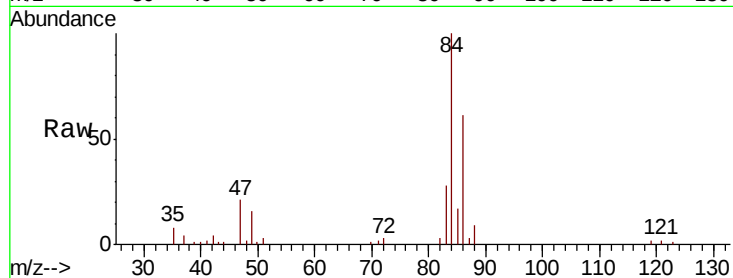




#25
Chloroform
Concen: 0.429 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041598.D
Acq: 13 Dec 2020 03:55

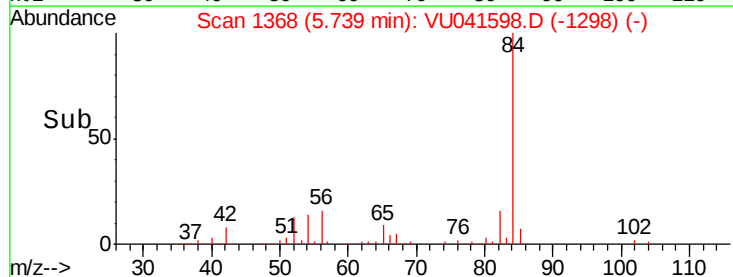
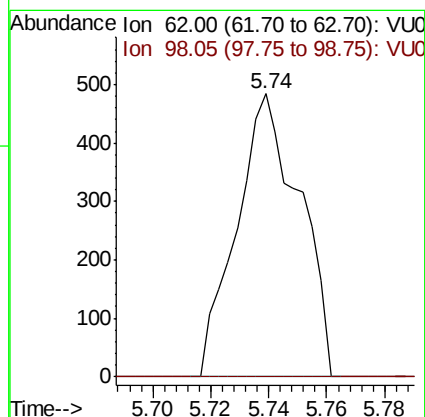
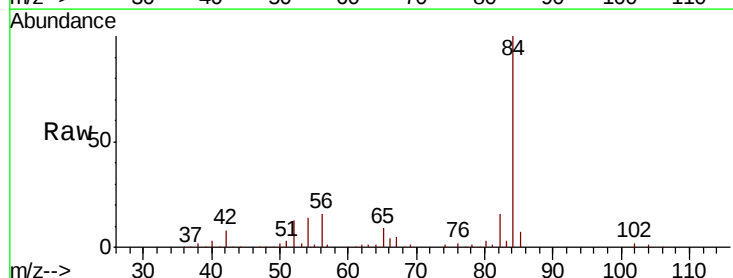
Instrument :
MSVOA_U
ClientSampleId :
C0B34

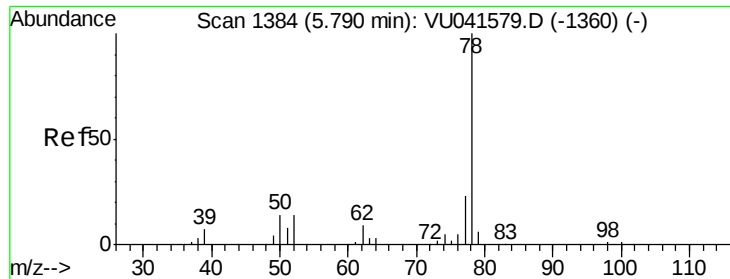
Tot Ion: 83 Resp: 7754
Ion Ratio Lower Upper
83 100
85 60.1 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.060 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041598.D
Acq: 13 Dec 2020 03:55

Tgt Ion: 62 Resp: 729
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#33

Benzene

Concen: 0.026 ug/L

RT: 5.74 min Scan# 1367

Delta R.T. -0.05 min

Lab File: VU041598.D

Acq: 13 Dec 2020 03:55

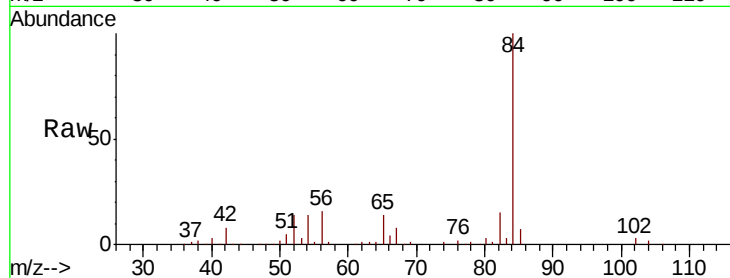
Instrument :

MSVOA_U

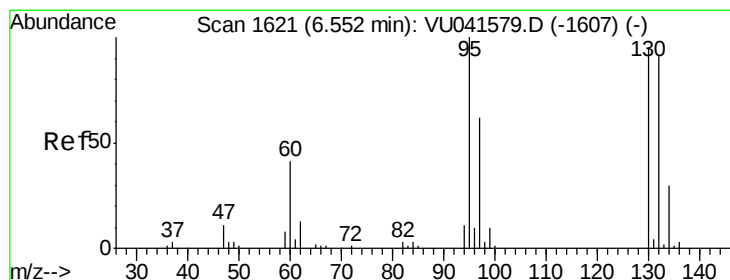
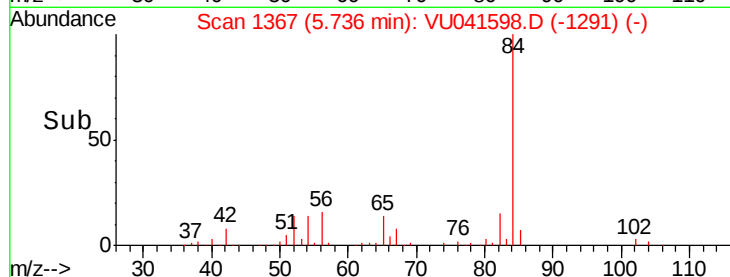
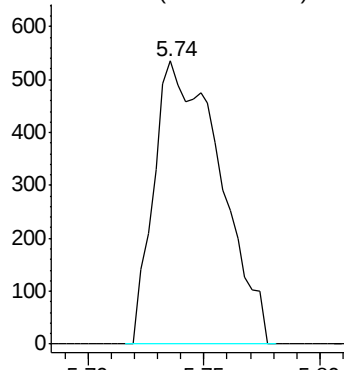
ClientSampled :

C0B34

Tgt Ion: 78 Resp: 1062



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.504 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.01 min

Lab File: VU041598.D

Acq: 13 Dec 2020 03:55

Tgt Ion: 95 Resp: 5161

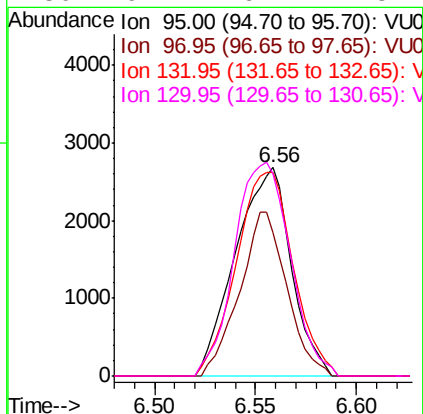
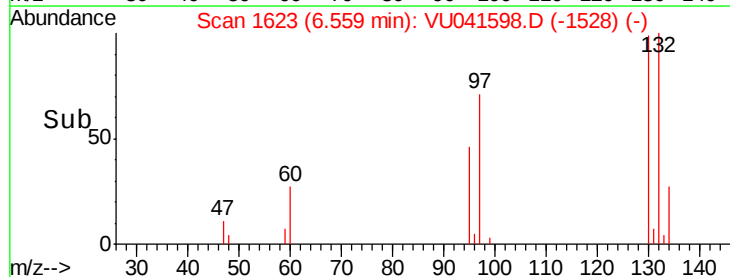
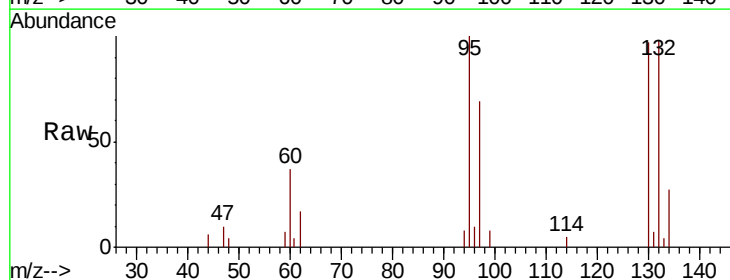
Ion	Ratio	Lower	Upper
95	100		
97	69.0	43.9	81.5
132	97.7	63.1	117.3
130	97.1	67.4	125.2

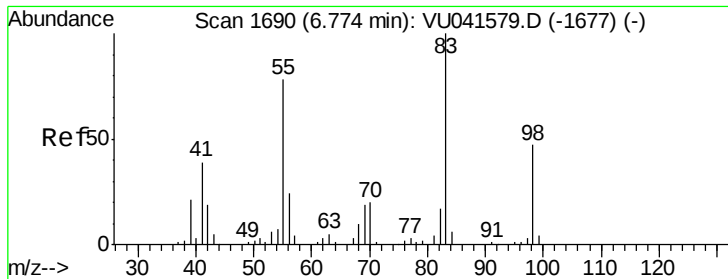
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.721 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041598.D

Acq: 13 Dec 2020 03:55

Instrument :

MSVOA_U

ClientSampleId :

C0B34

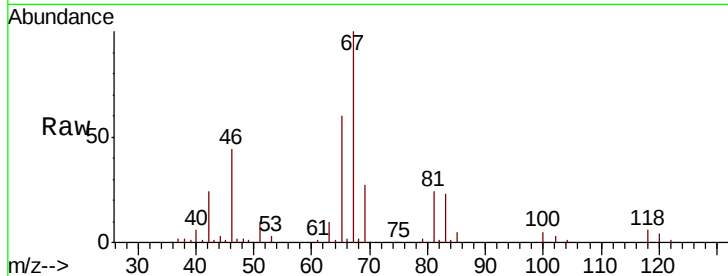
Tot Ion: 83 Resp: 11937

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

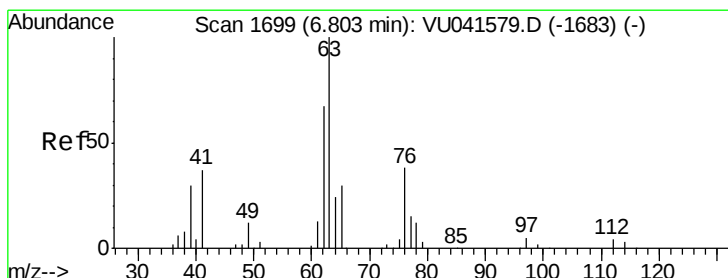
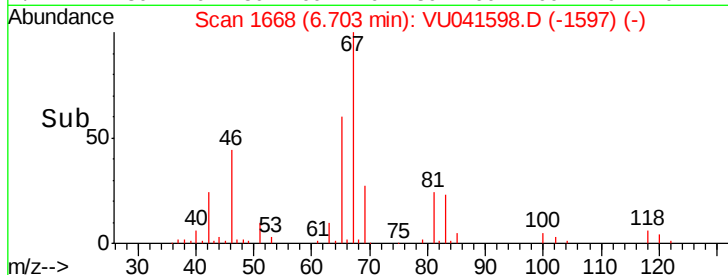
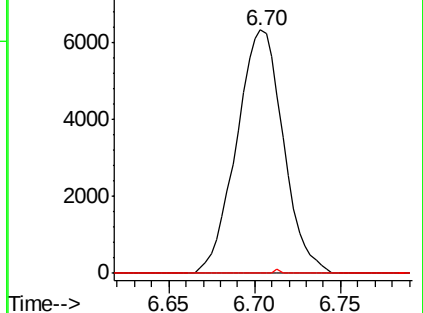
98 0.2 36.6 54.8#



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: 0.495 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041598.D

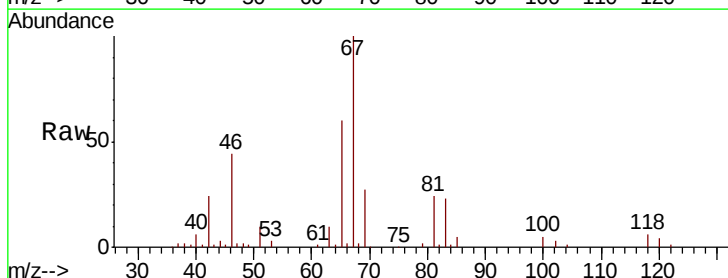
Acq: 13 Dec 2020 03:55

Tgt Ion: 63 Resp: 5160

Ion Ratio Lower Upper

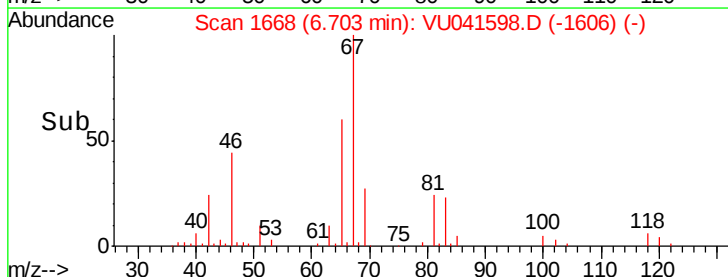
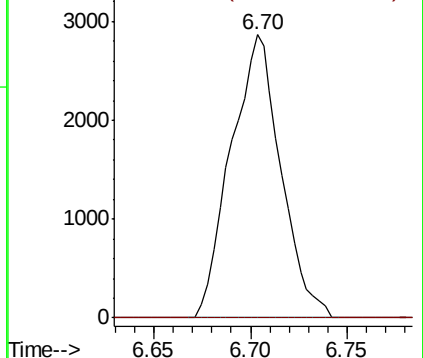
63 100

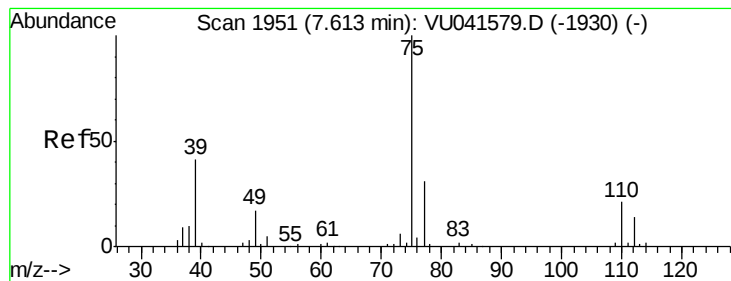
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



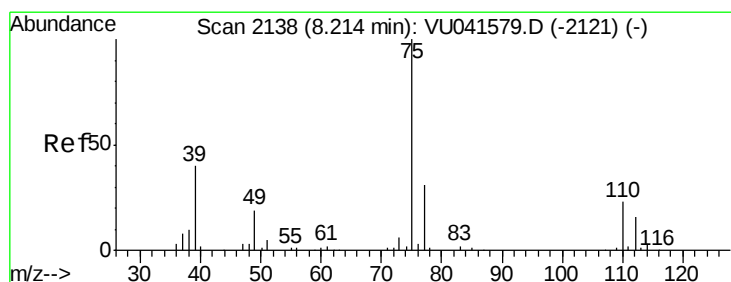
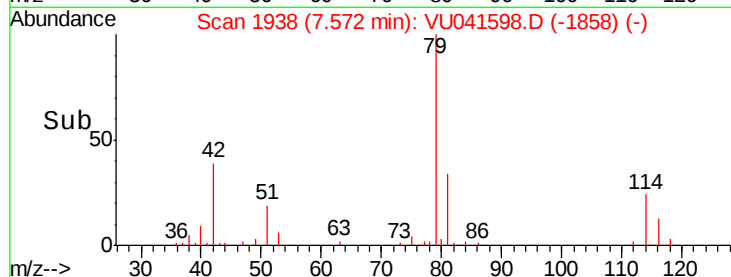
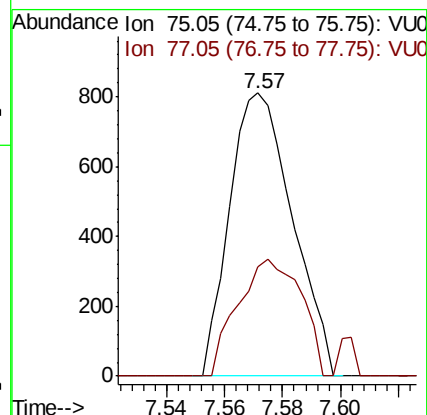
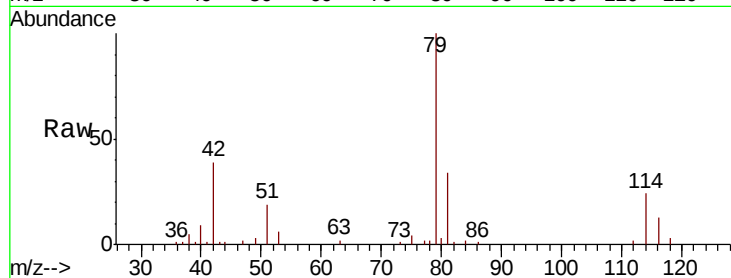


#39

cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041598.D
Acq: 13 Dec 2020 03:55

Instrument :
MSVOA_U
ClientSampleId :
C0B34

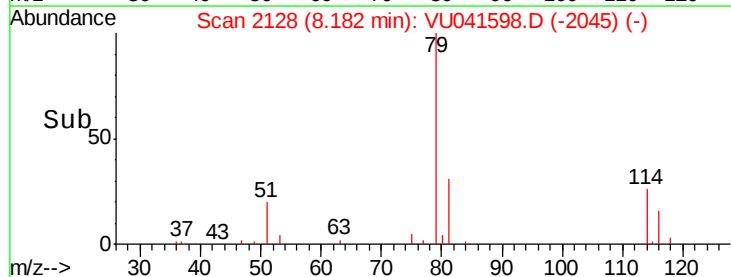
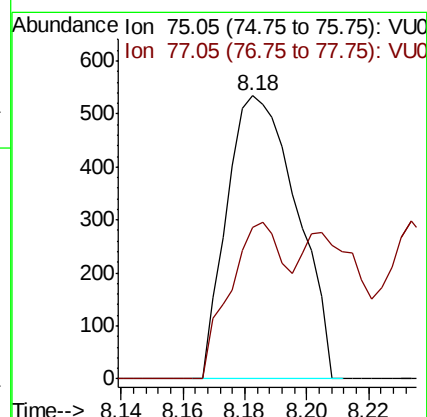
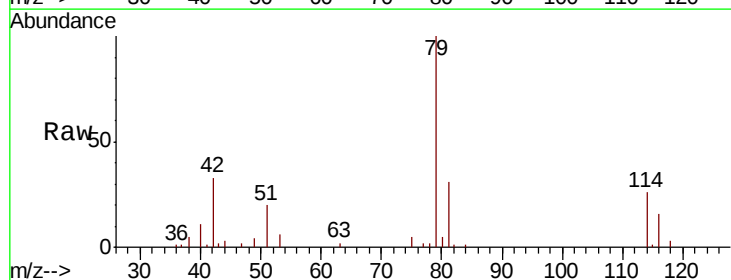
Tot Ion: 75 Resp: 1219
Ion Ratio Lower Upper
75 100
77 38.7 22.3 41.3

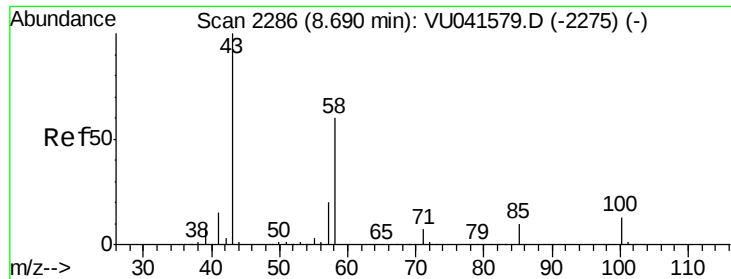


#44

trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041598.D
Acq: 13 Dec 2020 03:55

Tgt Ion: 75 Resp: 839
Ion Ratio Lower Upper
75 100
77 53.6 23.8 44.2#

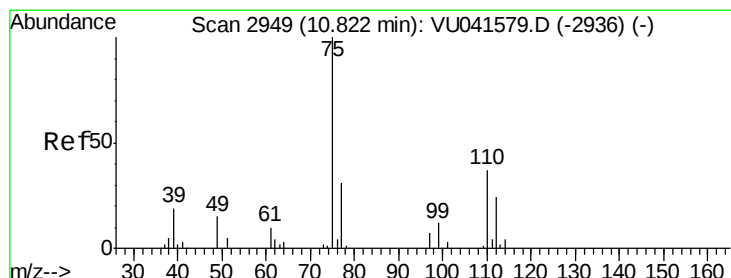
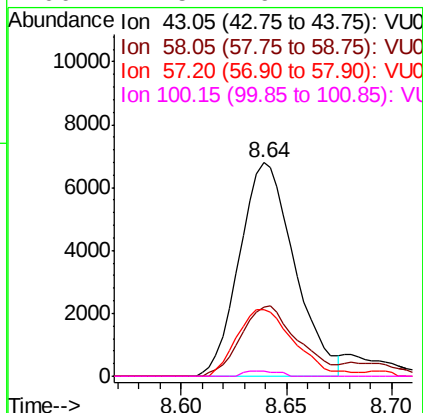
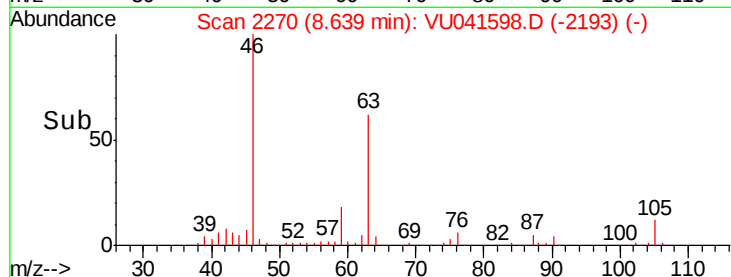
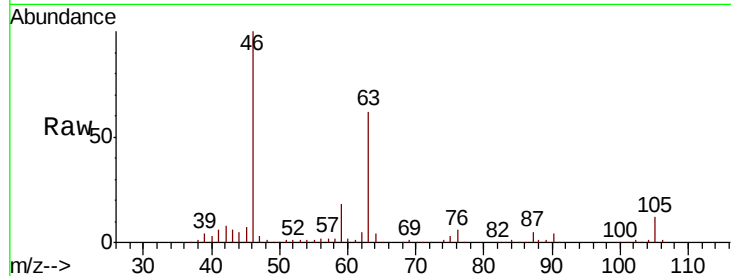




#48
2-Hexanone
Concen: 2.282 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041598.D
Acq: 13 Dec 2020 03:55

Instrument :
MSVOA_U
ClientSampleId :
C0B34

Tot Ion:	43	Resp:	12314
Ion	Ratio	Lower	Upper
43	100		
58	34.2	47.9	71.9#
57	32.8	16.5	24.7#
100	1.5	9.4	14.2#



#59
1,2,3-Trichloropropane
Concen: 0.887 ug/L
RT: 11.80 min Scan# 3254
Delta R.T. 0.98 min
Lab File: VU041598.D
Acq: 13 Dec 2020 03:55

Tgt Ion:	75	Resp:	6945
Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.2	39.2

