

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121220\
 Data File : VU041594.D
 Acq On : 13 Dec 2020 02:22
 Operator : SY/MD
 Sample : L5060-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B16

Quant Time: Dec 13 11:30:57 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	131270	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32743	3.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.80%
7) Chloroethane-d5	1.92	69	32203	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	54862	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.66	46	155232	52.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.32%
24) Chloroform-d	5.08	84	80895	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	47427	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	158657	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.70	67	53152	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	139864	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	21362	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.64	63	120304	40.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51888	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	54336	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

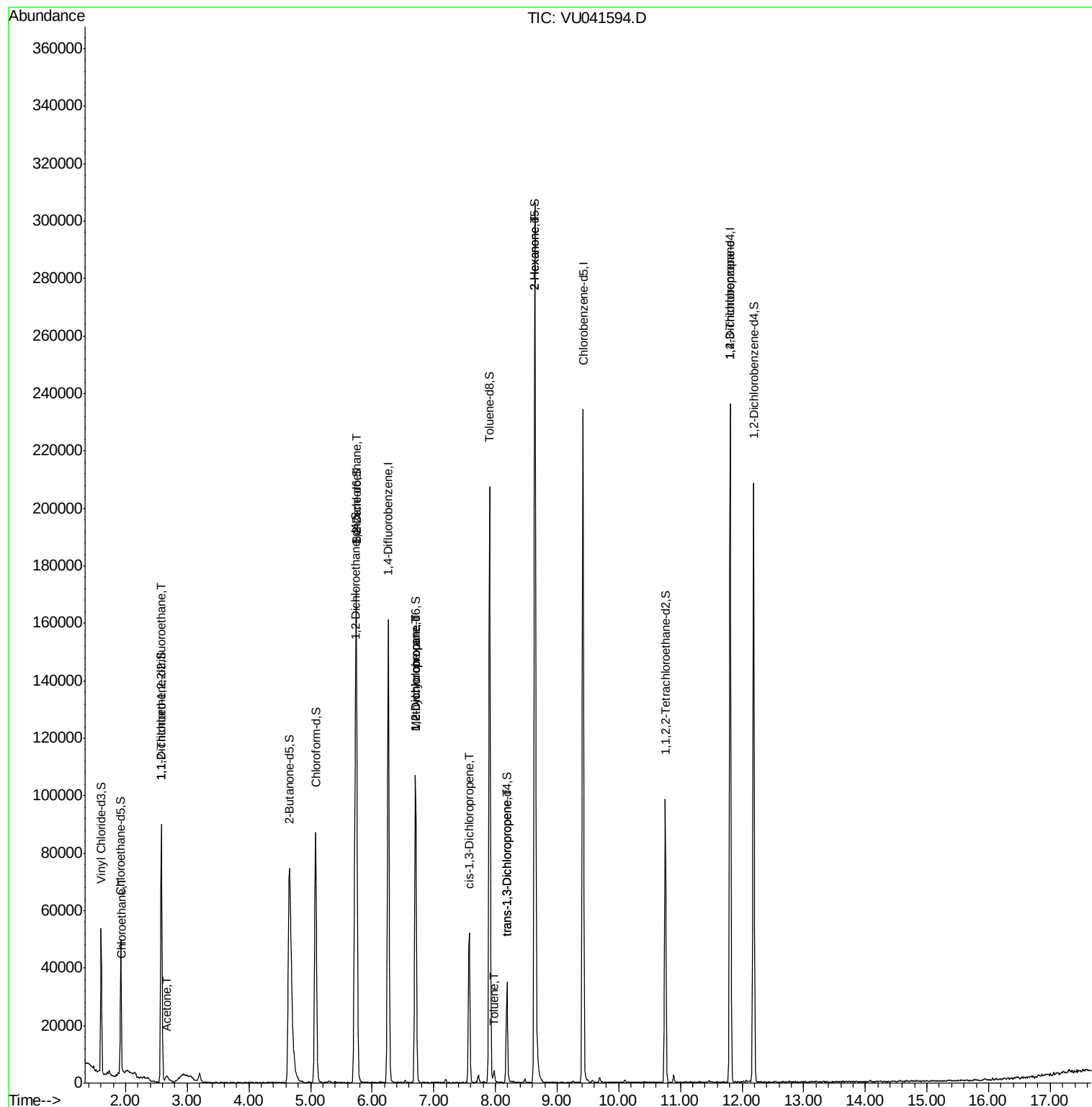
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	249	0.031	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	462	0.051	ug/L #	22
13) Acetone	2.66	43	1705	0.909	ug/L	49
27) 1,2-Dichloroethane	5.74	62	820	0.070	ug/L #	73
35) Methylcyclohexane	6.70	83	11657	0.674	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5529	0.508	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1245	0.077	ug/L #	56
42) Toluene	7.98	91	3336	0.076	ug/L	93
44) trans-1,3-Dichloropropene	8.18	75	773	0.054	ug/L	83
48) 2-Hexanone	8.64	43	12914	2.290	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	7450	0.911	ug/L	100

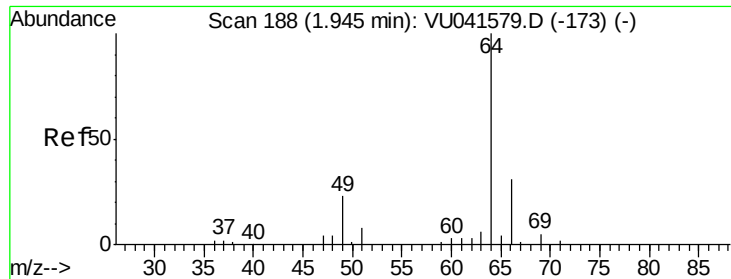
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Dec 13 11:26:38 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.031 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU041594.D

Acq: 13 Dec 2020 02:22

Instrument :

MSVOA_U

ClientSampled :

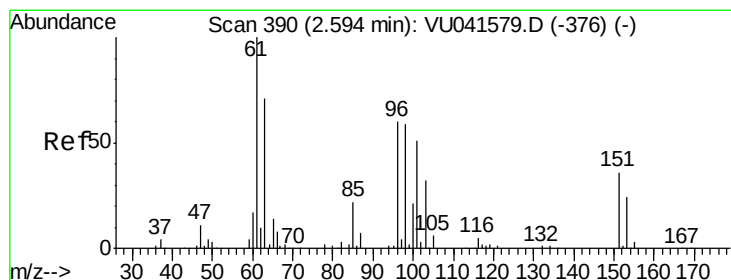
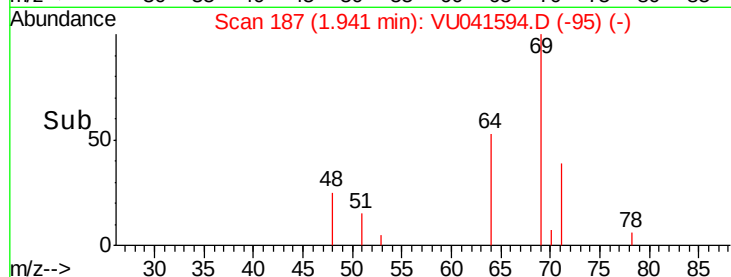
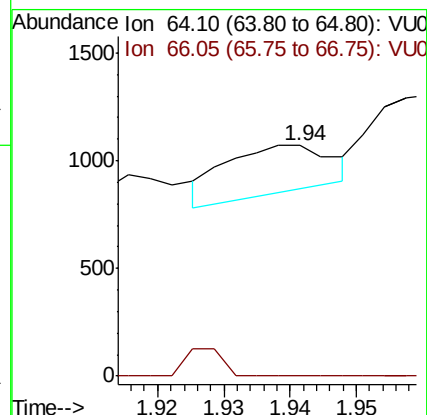
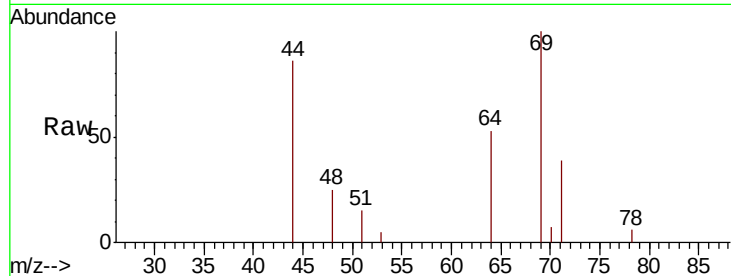
C0B16

Tot Ion: 64 Resp: 249

Ion Ratio Lower Upper

64 100

66 0.0 21.6 40.0#



#10

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

Concen: 0.051 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041594.D

Acq: 13 Dec 2020 02:22

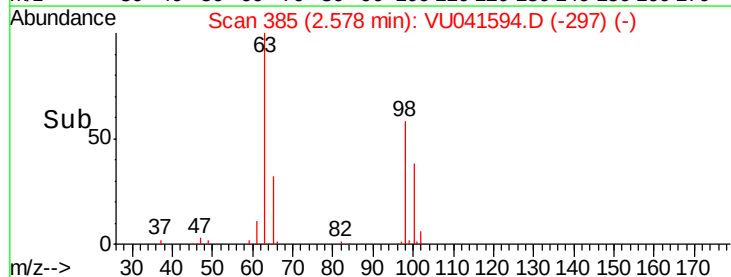
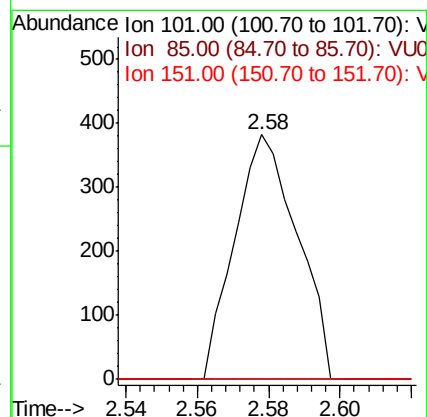
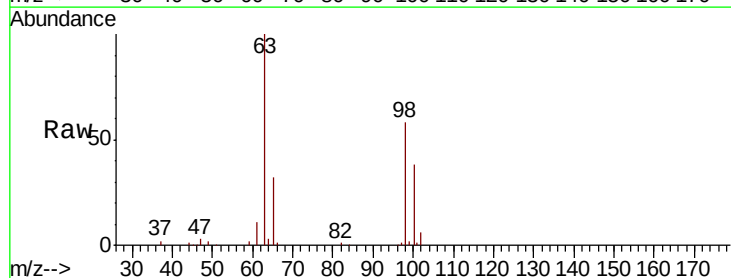
Tgt Ion: 101 Resp: 462

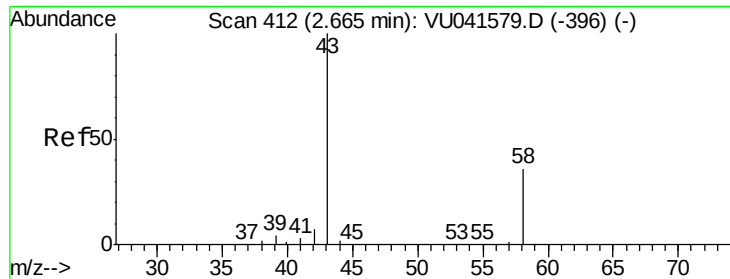
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#





#13

Acetone

Concen: 0.909 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU041594.D

Acq: 13 Dec 2020 02:22

Instrument :

MSVOA_U

ClientSampled :

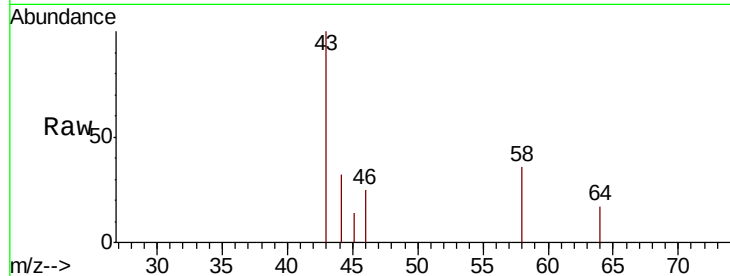
C0B16

Tot Ion: 43 Resp: 1705

Ion Ratio Lower Upper

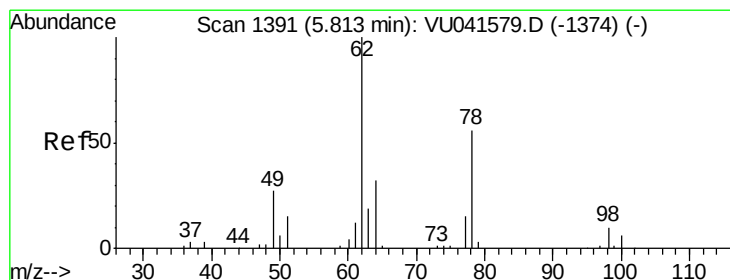
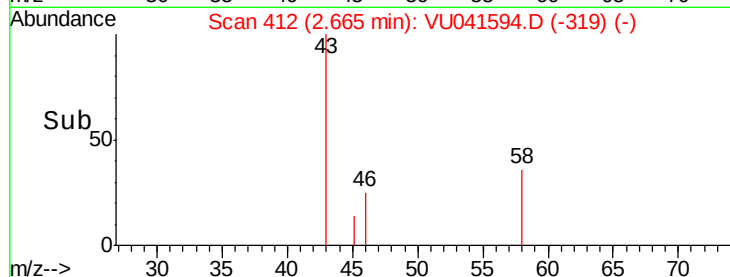
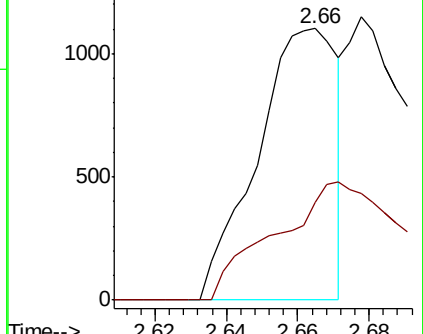
43 100

58 67.1 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#27

1,2-Dichloroethane

Concen: 0.070 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041594.D

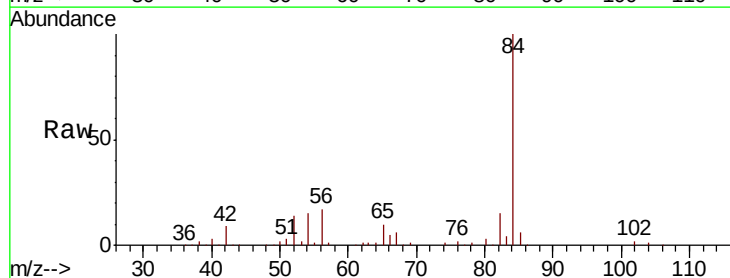
Acq: 13 Dec 2020 02:22

Tgt Ion: 62 Resp: 820

Ion Ratio Lower Upper

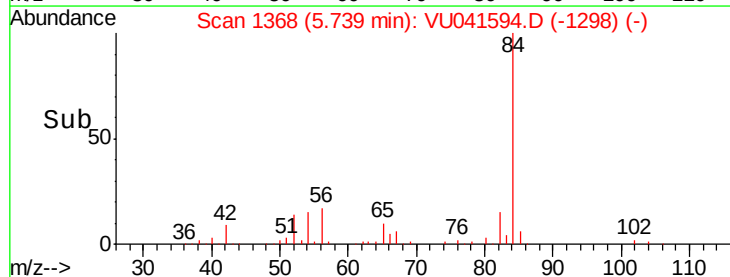
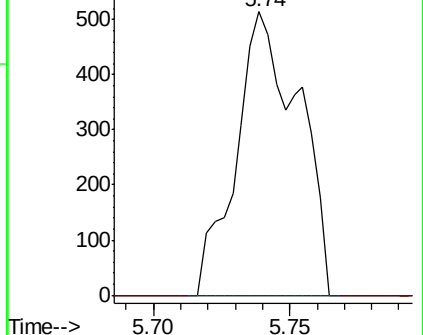
62 100

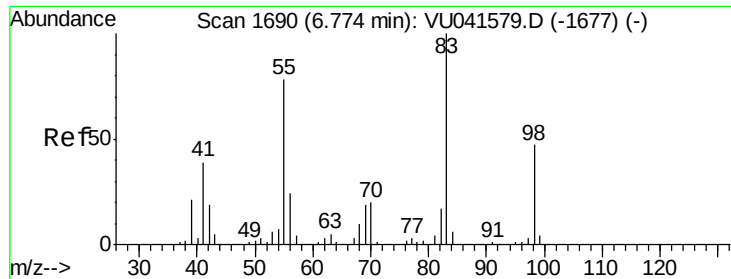
98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

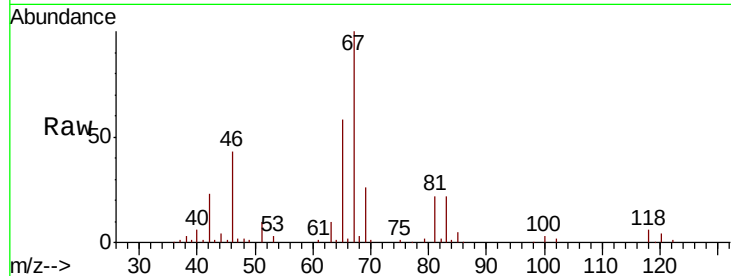




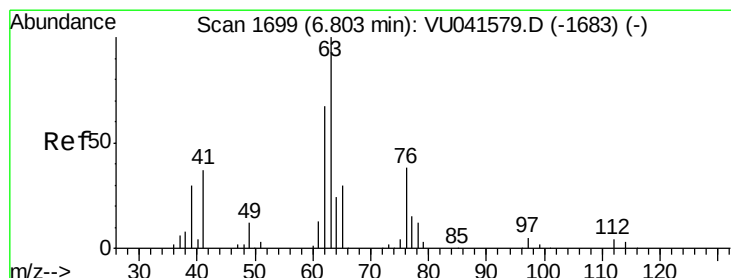
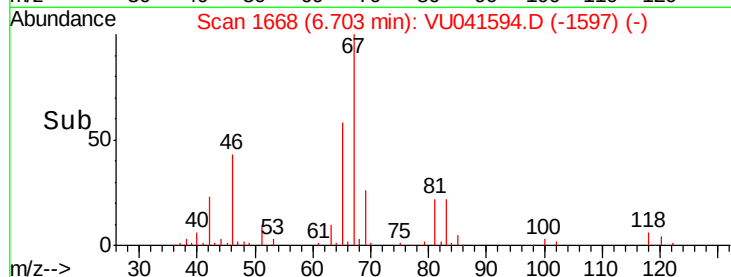
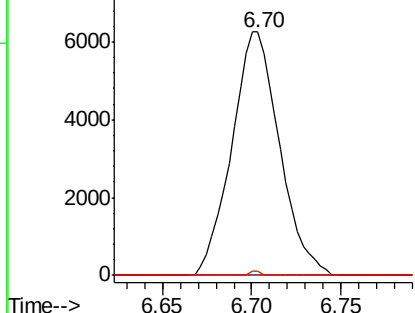
#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041594.D
Acq: 13 Dec 2020 02:22

Instrument :
MSVOA_U
ClientSampleId :
C0B16

Tot Ion: 83 Resp: 11657
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.4 36.6 54.8#

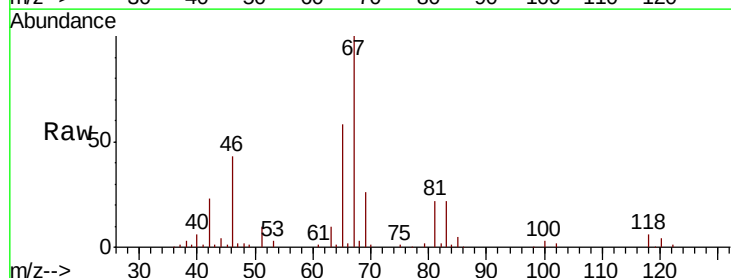


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

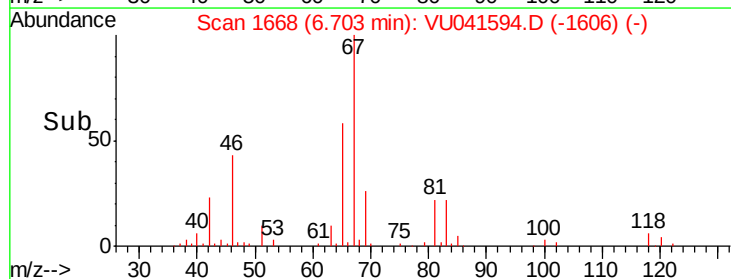
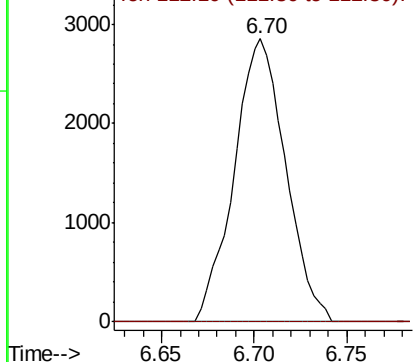


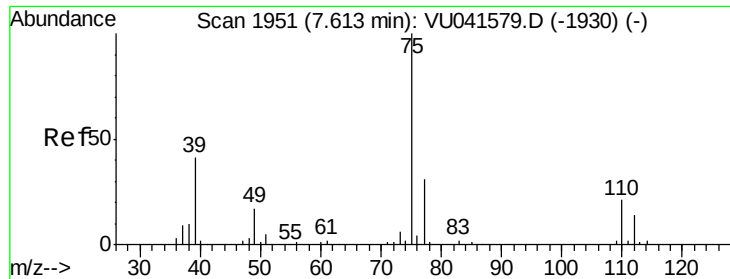
#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041594.D
Acq: 13 Dec 2020 02:22

Tgt Ion: 63 Resp: 5529
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

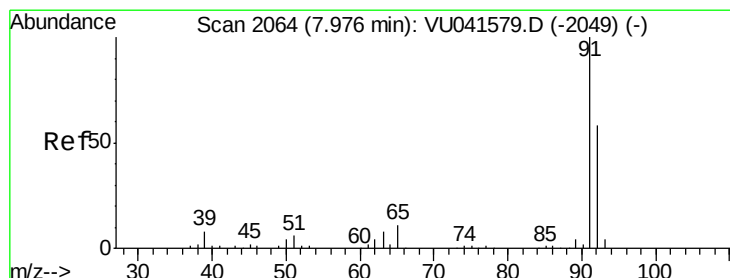
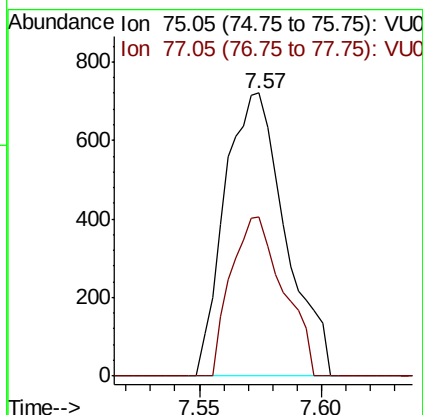
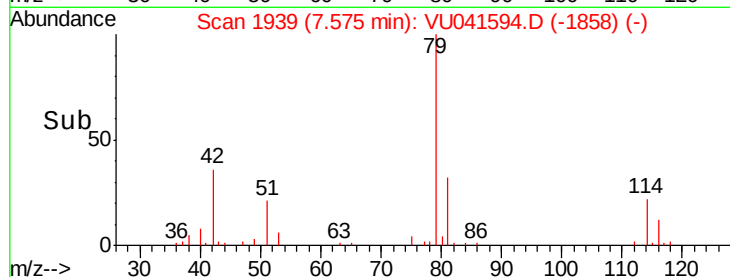
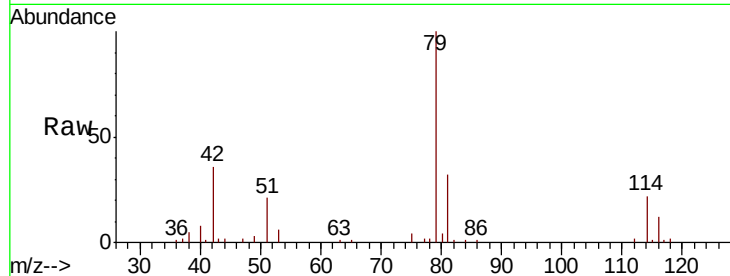




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041594.D
 Acq: 13 Dec 2020 02:22

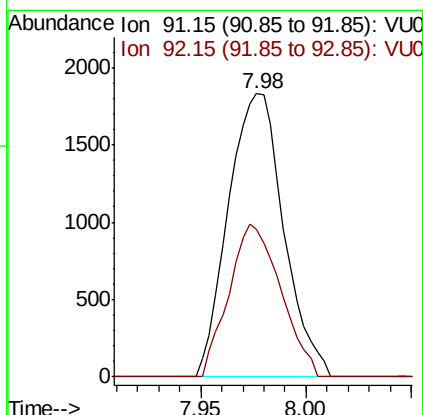
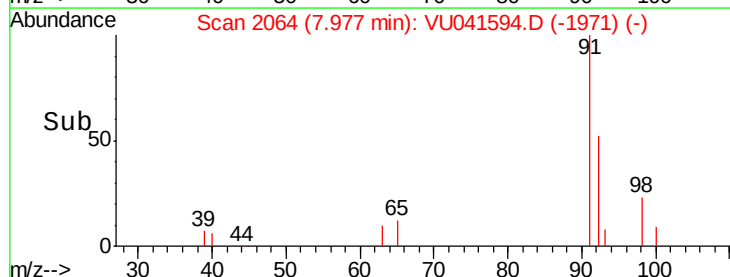
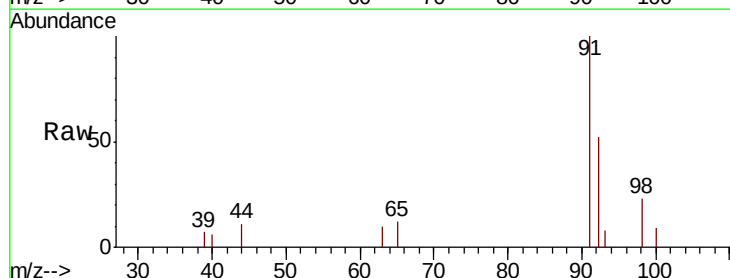
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B16

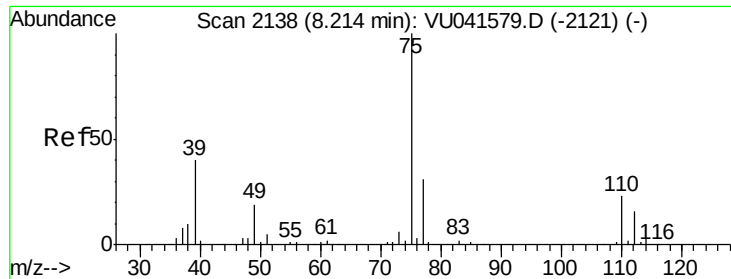
Tot Ion: 75 Resp: 1245
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.3 41.3#



#42
 Toluene
 Concen: 0.076 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU041594.D
 Acq: 13 Dec 2020 02:22

Tgt Ion: 91 Resp: 3336
 Ion Ratio Lower Upper
 91 100
 92 52.2 40.0 74.2





#44

trans-1,3-Dichloropropene

Concen: 0.054 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041594.D

Acq: 13 Dec 2020 02:22

Instrument :

MSVOA_U

ClientSampleId :

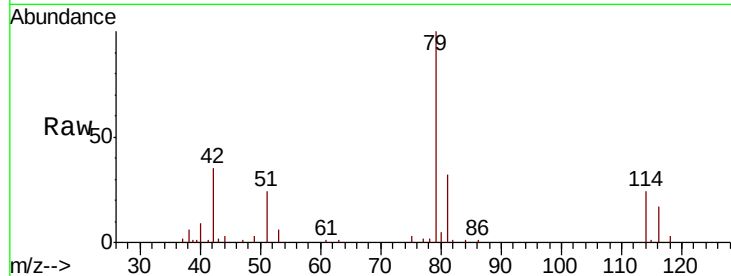
C0B16

Tot Ion: 75 Resp: 773

Ion Ratio Lower Upper

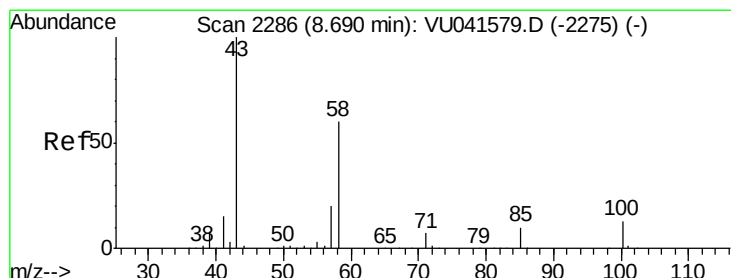
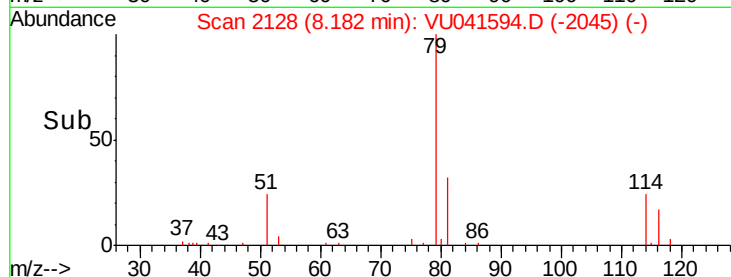
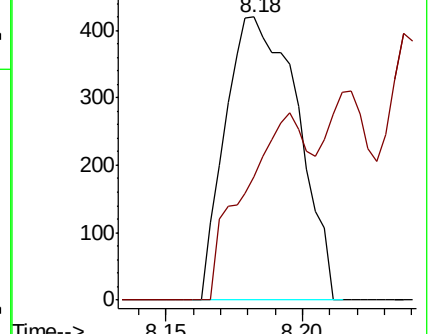
75 100

77 43.6 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: 2.290 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041594.D

Acq: 13 Dec 2020 02:22

Tgt Ion: 43 Resp: 12914

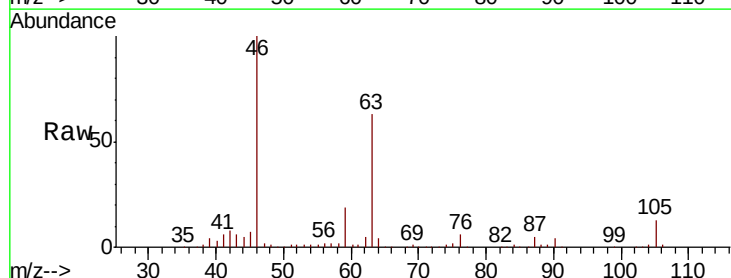
Ion Ratio Lower Upper

43 100

58 30.7 47.9 71.9#

57 30.5 16.5 24.7#

100 0.8 9.4 14.2#

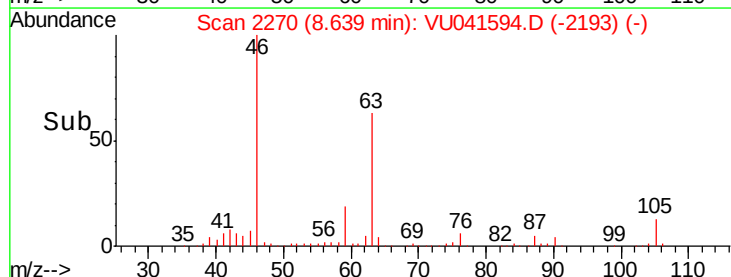
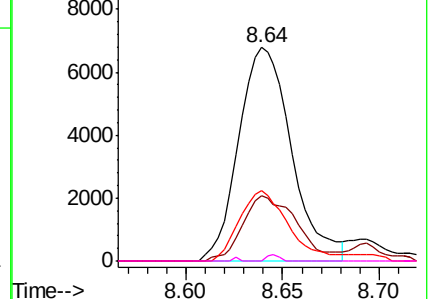


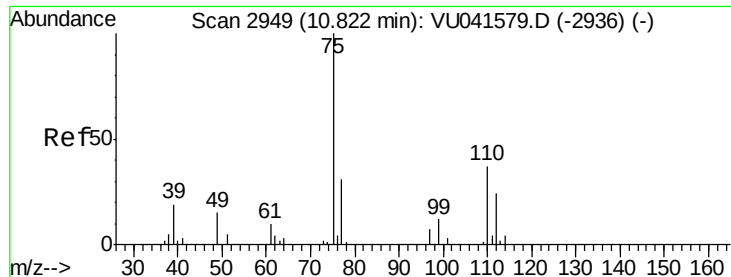
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.911 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041594.D

Acq: 13 Dec 2020 02:22

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C0B16

Tot Ion: 75 Resp: 7450

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

