

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040192.D
 Acq On : 17 Sep 2020 19:29
 Operator : SY/MD
 Sample : L4063-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF7

Quant Time: Sep 18 04:04:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	98847	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101320	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28061	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.92	69	24758	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.58	63	45628	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.66	46	110756	51.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	5.08	84	57731	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	40880	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	118219	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.70	67	40875	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.91	98	94185	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.19	79	15705	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	80559	47.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34117	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	38034	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

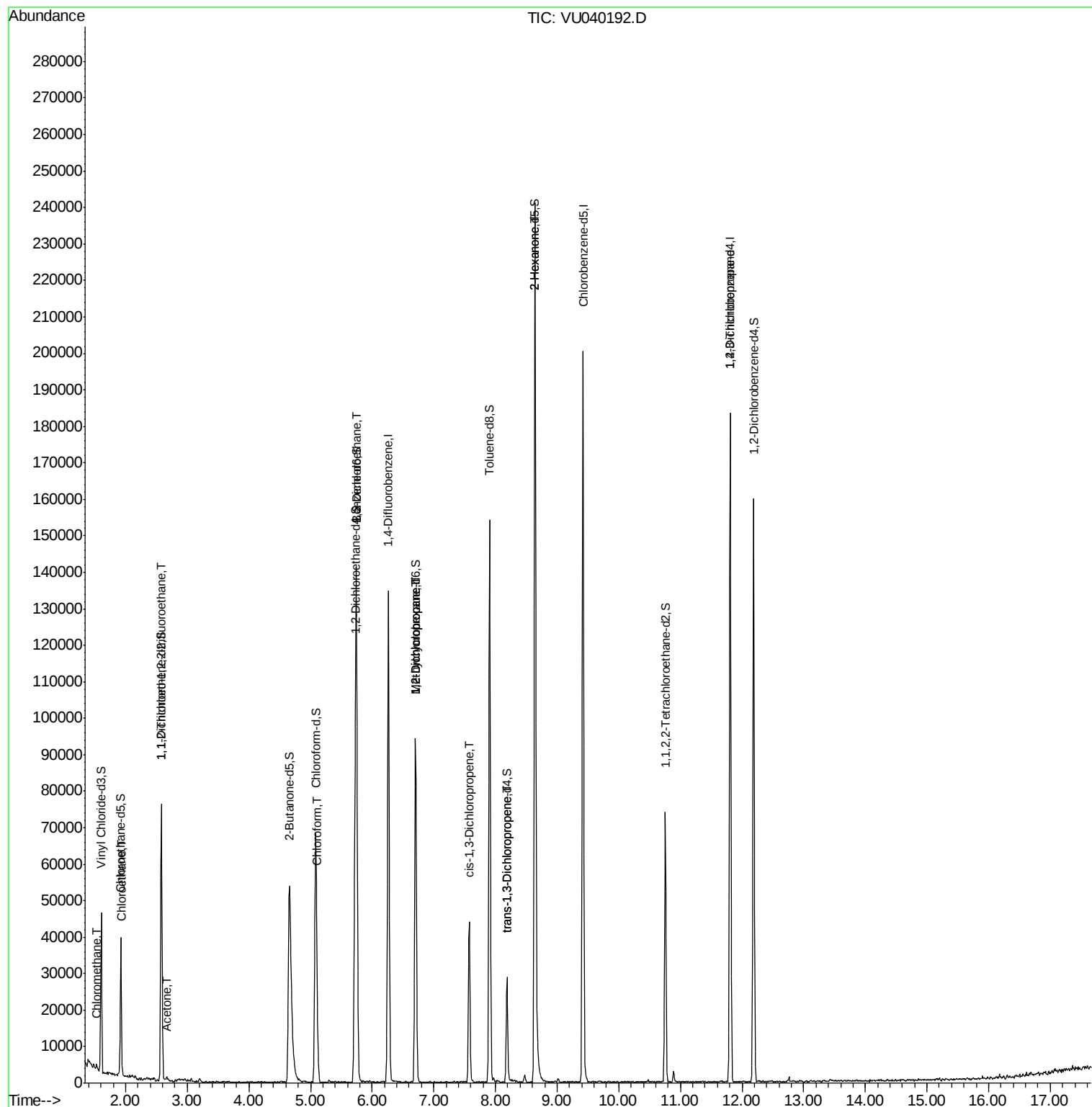
					Ovalue
3) Chloromethane	1.53	50	847	0.090 ug/L #	78
8) Chloroethane	1.94	64	445	0.078 ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	410	0.046 ug/L #	22
13) Acetone	2.67	43	2027	1.014 ug/L	65
25) Chloroform	5.11	83	9037	0.521 ug/L	90
27) 1,2-Dichloroethane	5.74	62	661	0.052 ug/L #	78
35) Methylcyclohexane	6.70	83	9543	0.641 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4955	0.505 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1172	0.081 ug/L #	56
44) trans-1,3-Dichloropropene	8.18	75	786	0.059 ug/L #	63
48) 2-Hexanone	8.64	43	12758	2.172 ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	6541	0.900 ug/L #	85

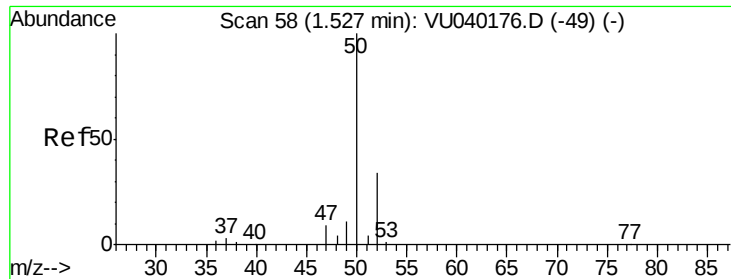
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.090 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040192.D

Acq: 17 Sep 2020 19:29

Instrument :

MSVOA_U

ClientSampled :

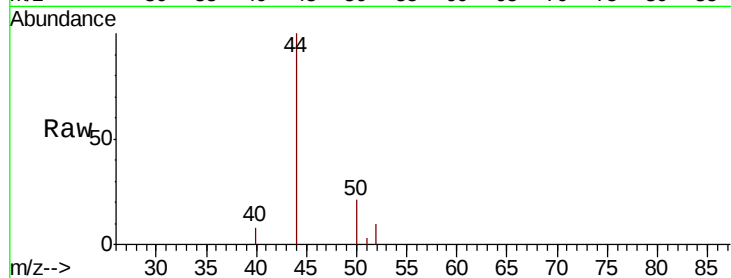
C0AF7

Tot Ion: 50 Resp: 847

Ion Ratio Lower Upper

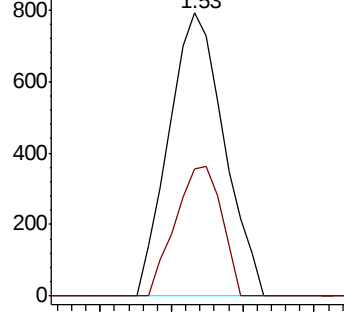
50 100

52 45.1 22.8 42.4#

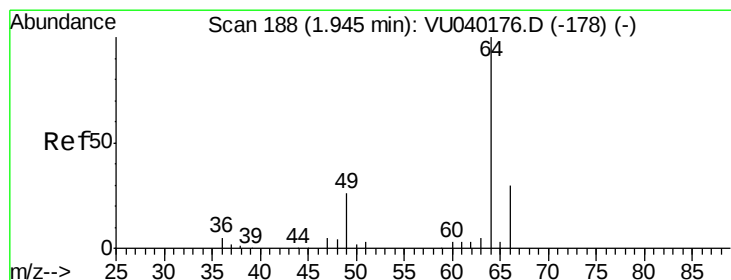
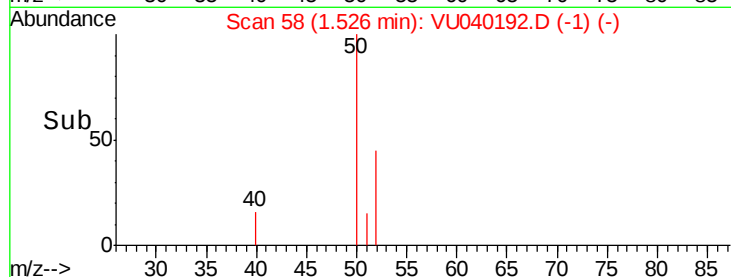


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#8

Chloroethane

Concen: 0.078 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU040192.D

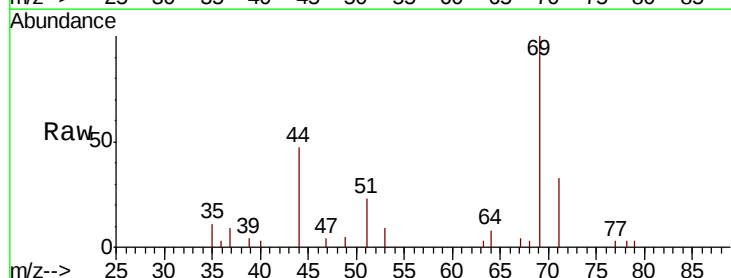
Acq: 17 Sep 2020 19:29

Tgt Ion: 64 Resp: 445

Ion Ratio Lower Upper

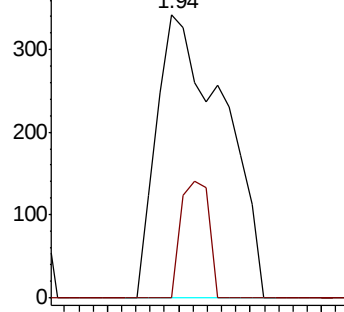
64 100

66 0.0 22.7 42.1#

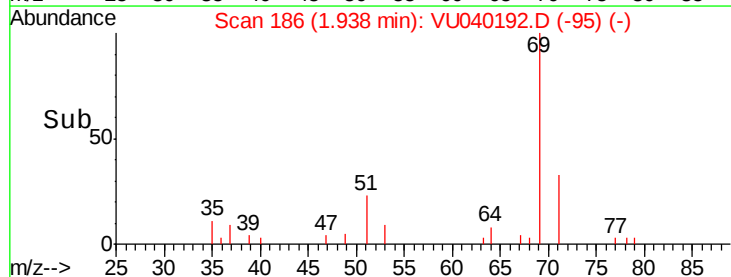


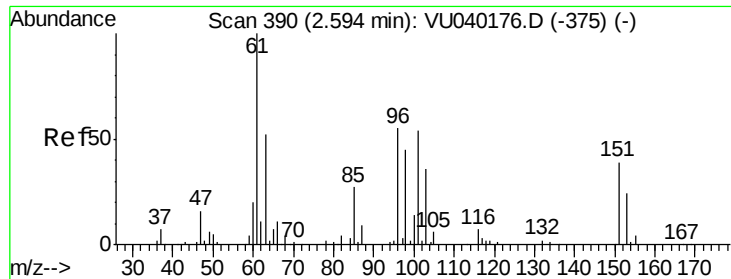
Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



Time-->





#10

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

Concen: 0.046 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040192.D

Acq: 17 Sep 2020 19:29

Instrument :

MSVOA_U

ClientSampleId :

C0AF7

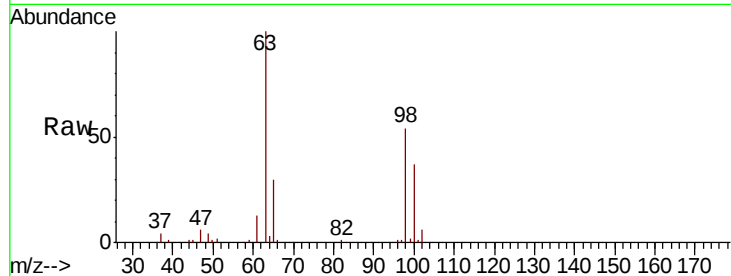
Tot Ion:101 Resp: 410

Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

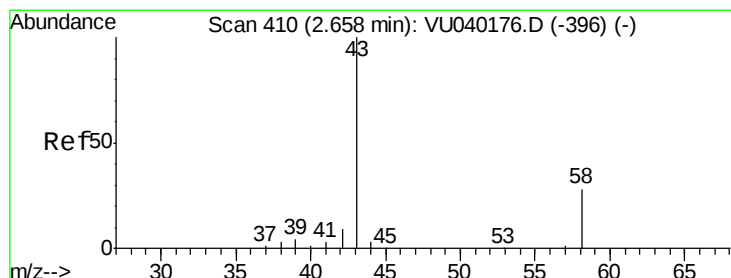
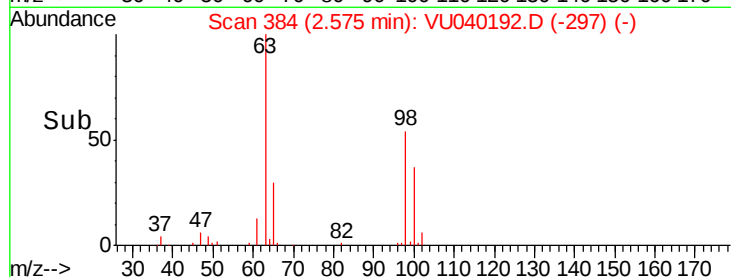
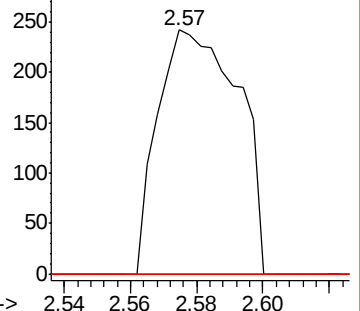
151 0.0 53.9 80.9#



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



#13

Acetone

Concen: 1.014 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU040192.D

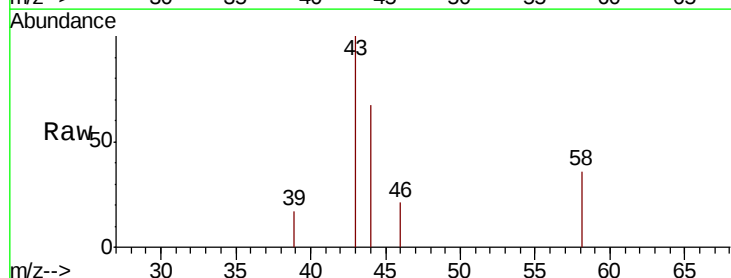
Acq: 17 Sep 2020 19:29

Tgt Ion: 43 Resp: 2027

Ion Ratio Lower Upper

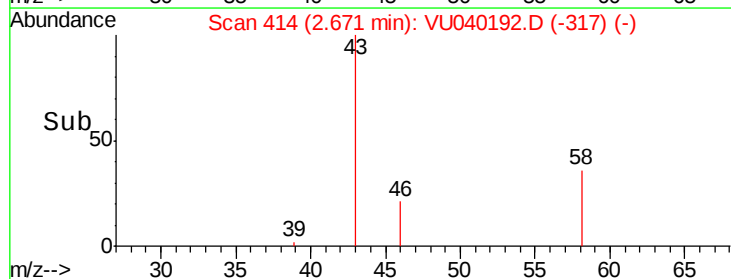
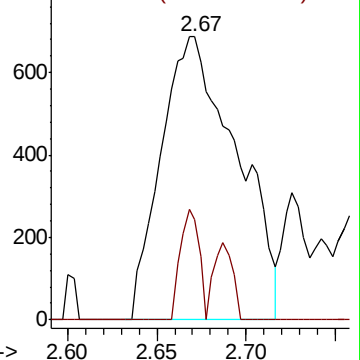
43 100

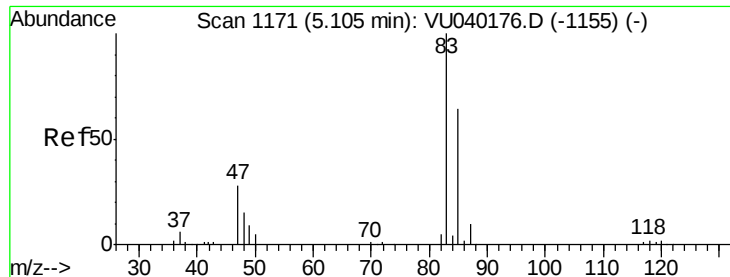
58 9.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

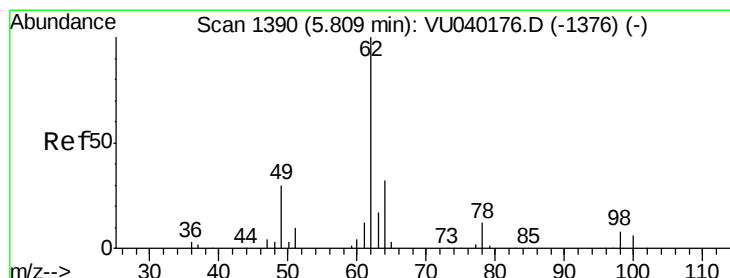
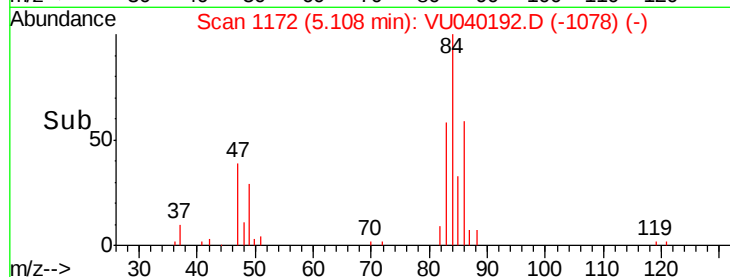
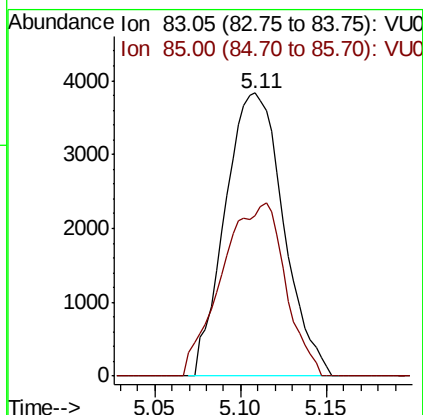
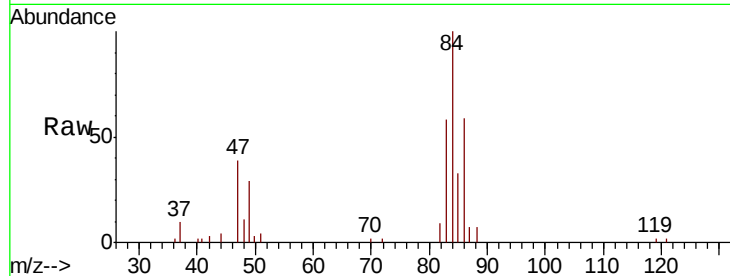




#25
Chloroform
Concen: 0.521 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040192.D
Acq: 17 Sep 2020 19:29

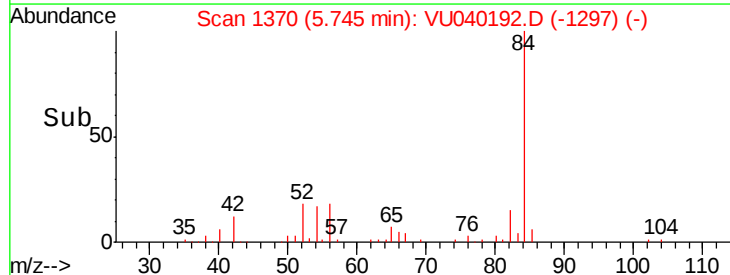
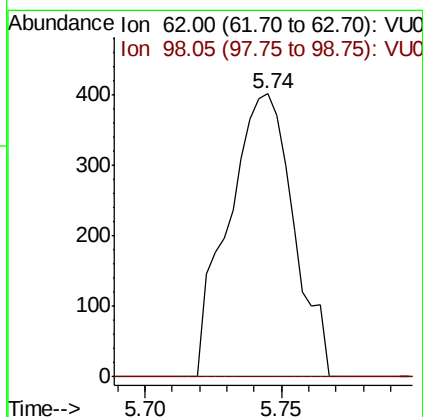
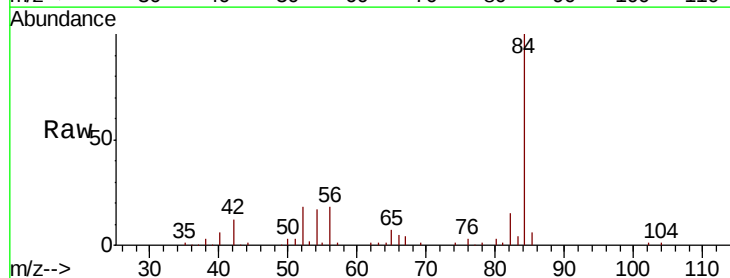
Instrument :
MSVOA_U
ClientSampled :
C0AF7

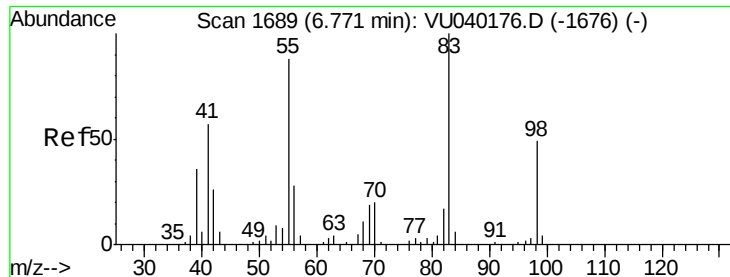
Tot Ion: 83 Resp: 9037
Ion Ratio Lower Upper
83 100
85 56.8 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.052 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040192.D
Acq: 17 Sep 2020 19:29

Tgt Ion: 62 Resp: 661
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

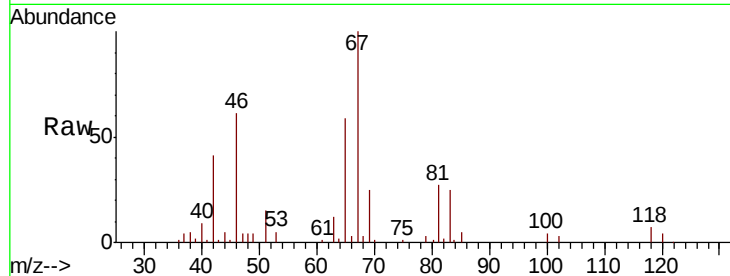




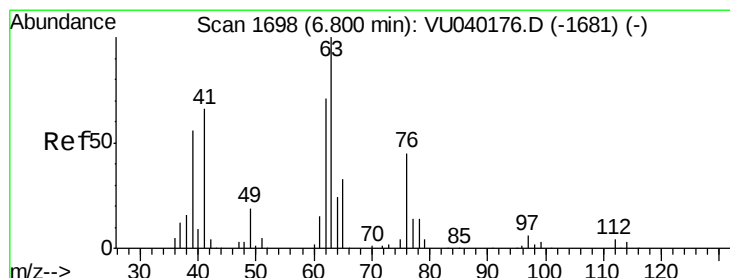
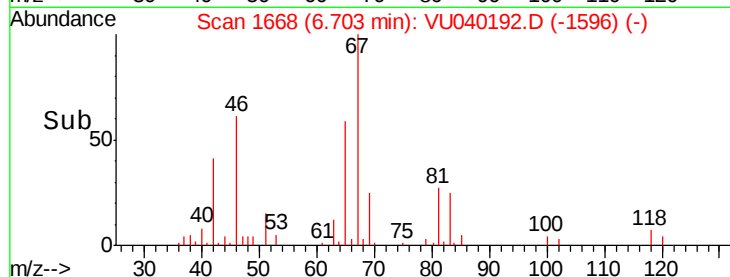
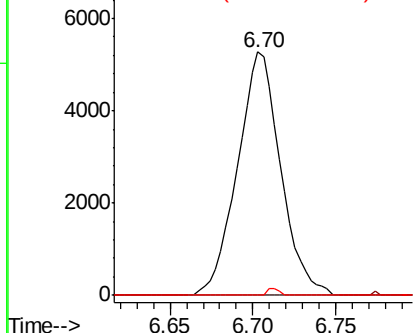
#35
Methvlcvclohexane
Concen: 0.641 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040192.D
Acq: 17 Sep 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
C0AF7

Tot Ion: 83 Resp: 9543
Ion Ratio Lower Upper
83 100
55 0.2 70.5 105.7#
98 0.8 37.8 56.6#

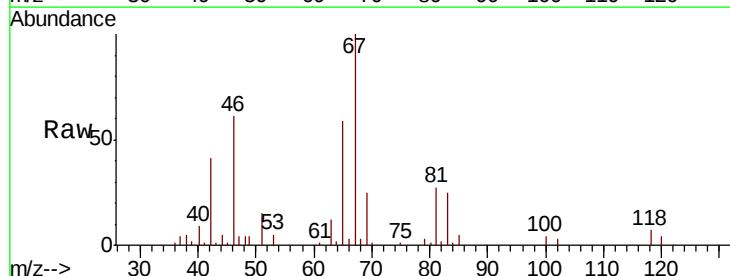


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

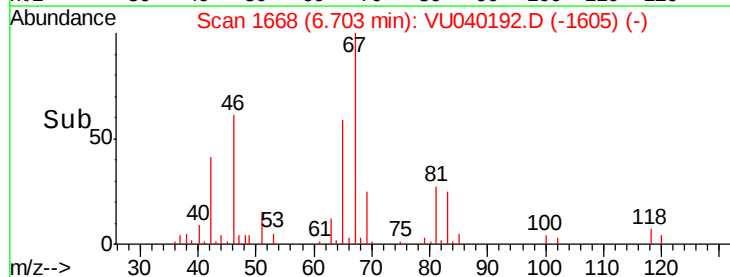
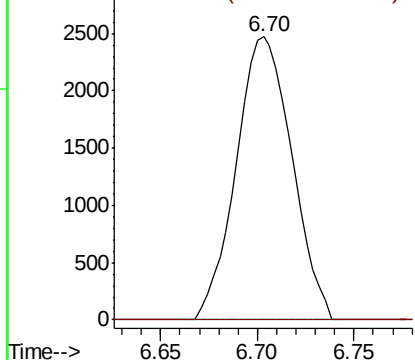


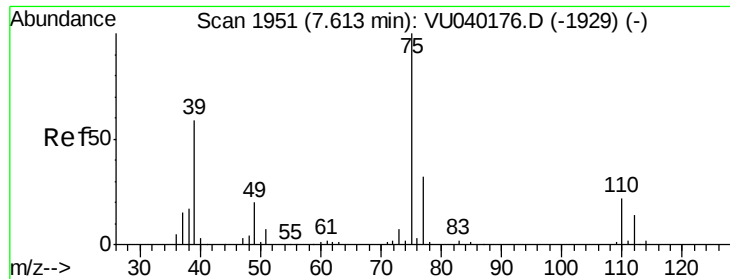
#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040192.D
Acq: 17 Sep 2020 19:29

Tgt Ion: 63 Resp: 4955
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

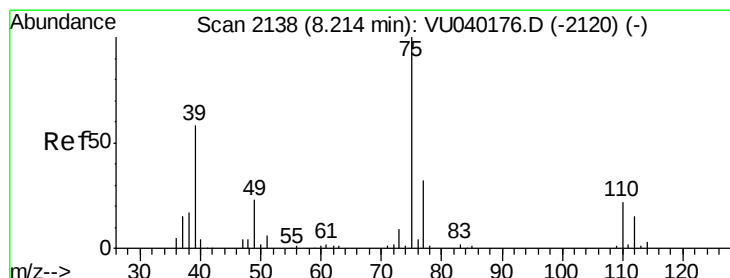
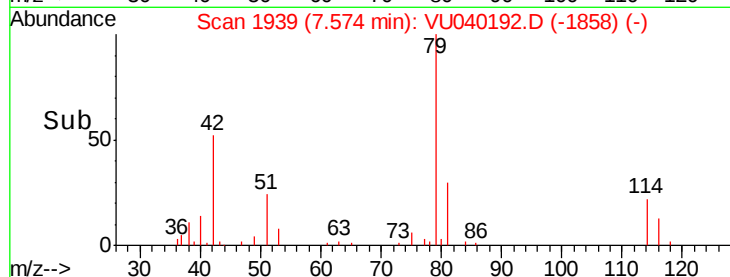
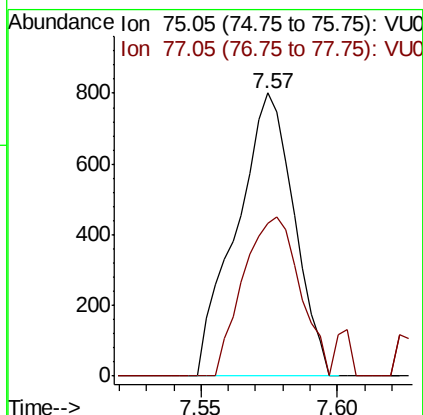
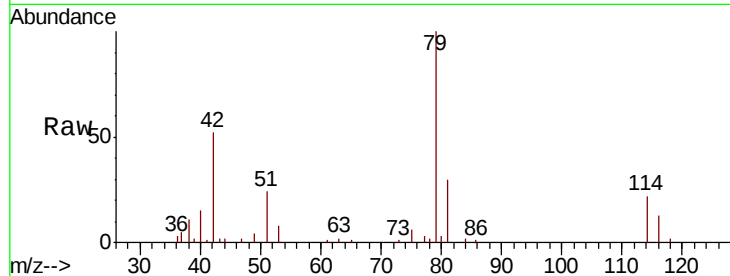




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040192.D
 Acq: 17 Sep 2020 19:29

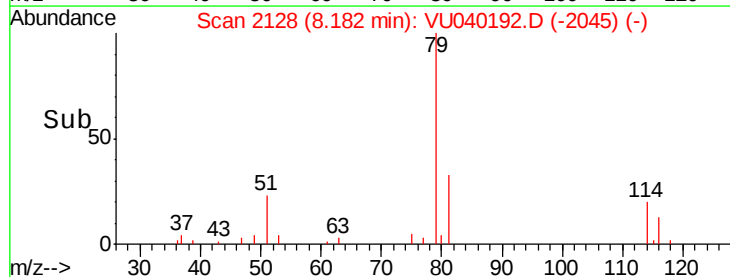
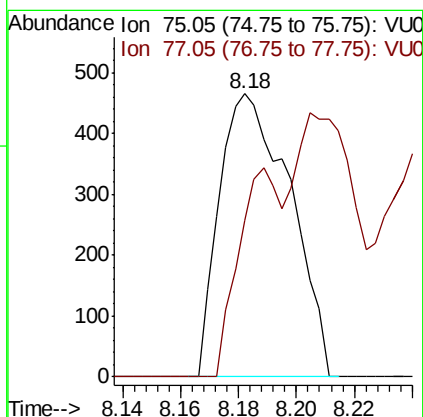
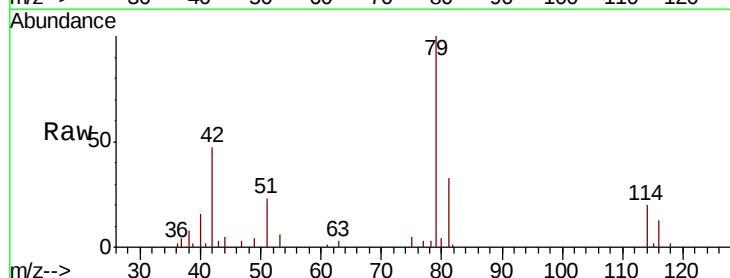
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 C0AF7

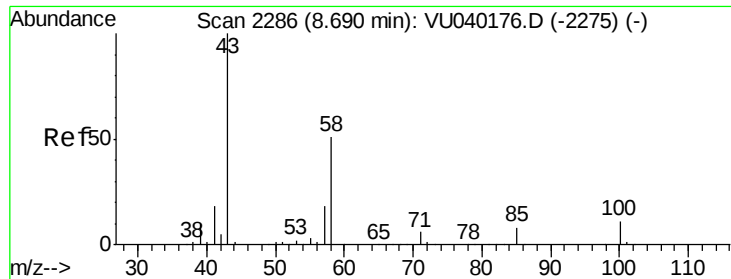
Tot Ion: 75 Resp: 1172
 Ion Ratio Lower Upper
 75 100
 77 53.9 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.059 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040192.D
 Acq: 17 Sep 2020 19:29

Tgt Ion: 75 Resp: 786
 Ion Ratio Lower Upper
 75 100
 77 55.3 23.9 44.3#

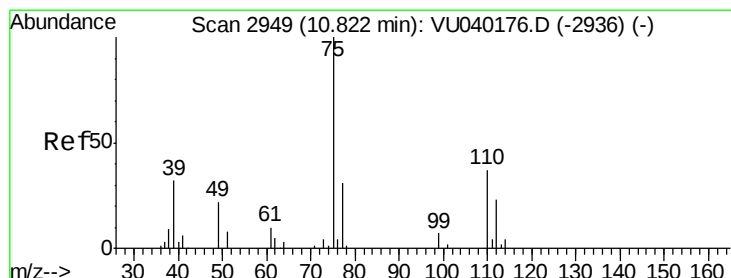
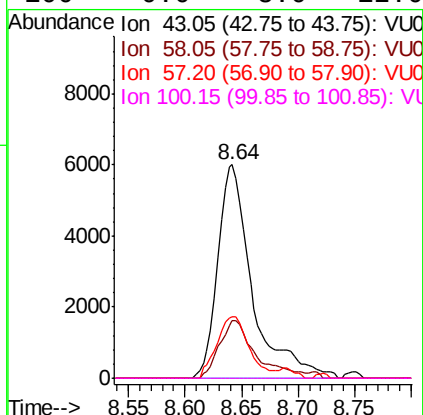
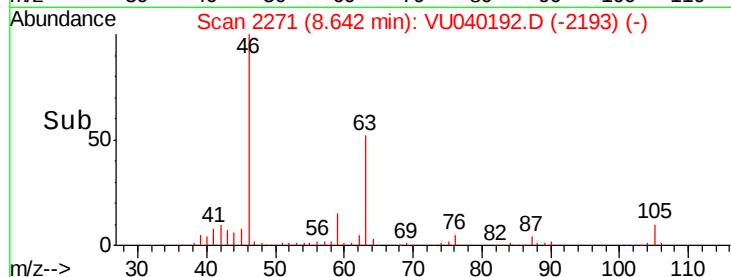
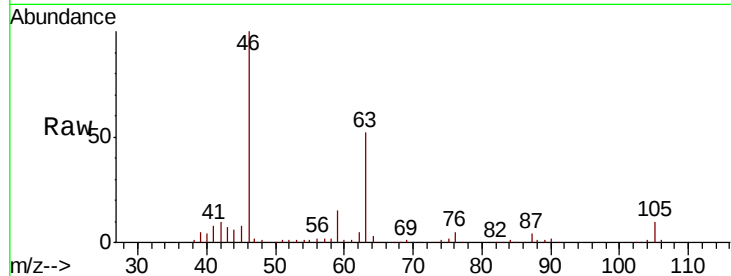




#48
2-Hexanone
Concen: 2.172 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040192.D
Acq: 17 Sep 2020 19:29

Instrument :
MSVOA_U
ClientSampleId :
C0AF7

Tot Ion: 43 Resp: 12758
Ion Ratio Lower Upper
43 100
58 28.7 39.6 59.4#
57 26.7 14.3 21.5#
100 0.0 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 0.900 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040192.D
Acq: 17 Sep 2020 19:29

Tgt Ion: 75 Resp: 6541
Ion Ratio Lower Upper
75 100
77 39.4 24.9 37.3#

