

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040186.D
 Acq On : 17 Sep 2020 17:08
 Operator : SY/MD
 Sample : L4041-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF1

Quant Time: Sep 18 04:03:53 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	103196	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26731	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.92	69	24682	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.58	63	46208	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.66	46	117991	52.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	5.08	84	58848	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.72	65	40311	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.75	84	115402	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.70	67	38852	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.91	98	92737	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.19	79	15231	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	84392	49.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33543	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	39145	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

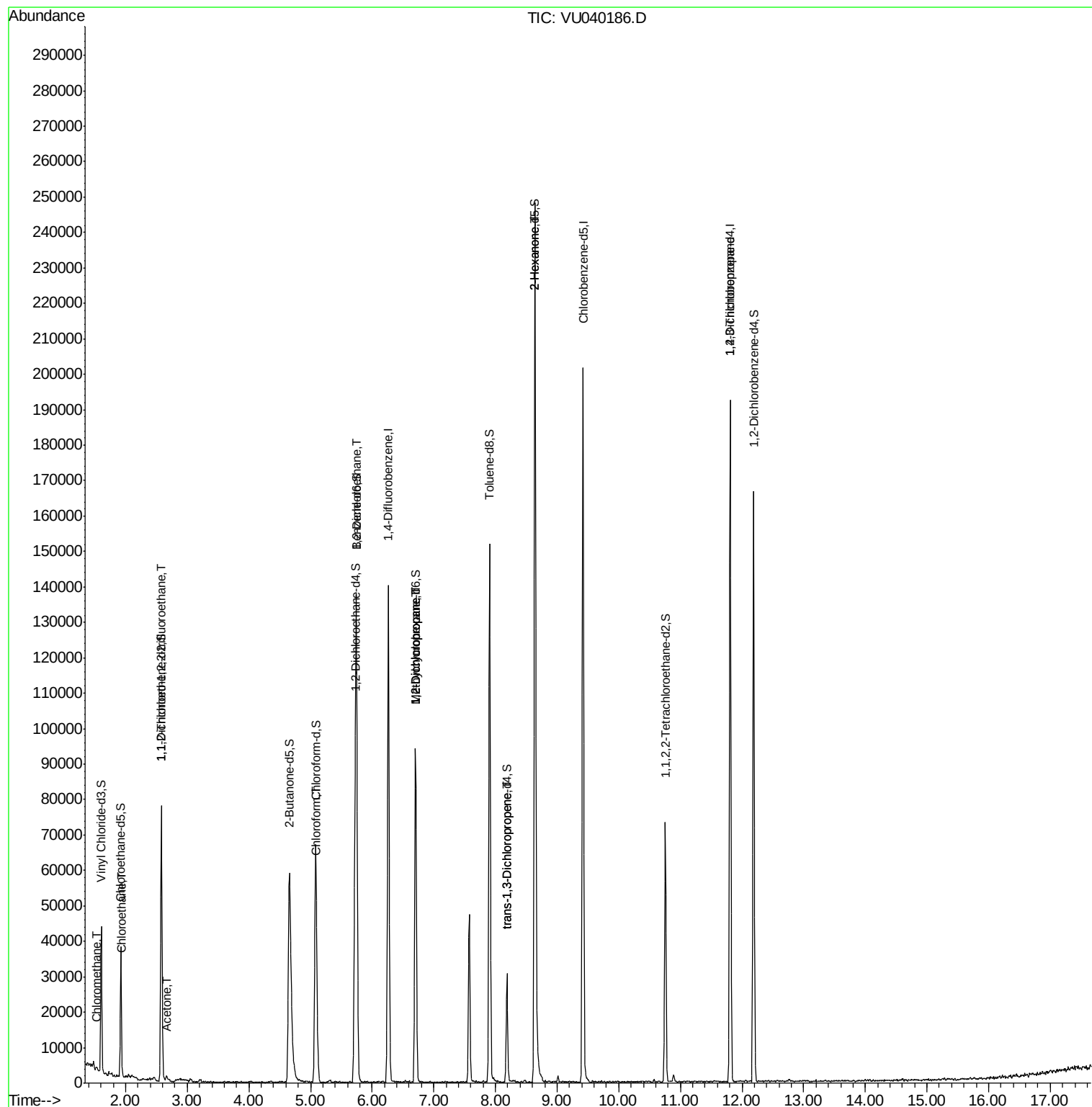
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1015	0.104	ug/L	89
8) Chloroethane	1.94	64	420	0.070	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	409	0.044	ug/L #	22
13) Acetone	2.67	43	2481	1.189	ug/L	79
25) Chloroform	5.11	83	7380	0.408	ug/L	92
27) 1,2-Dichloroethane	5.74	62	704	0.053	ug/L #	78
35) Methylcyclohexane	6.70	83	9495	0.632	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5109	0.516	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	763	0.056	ug/L #	35
48) 2-Hexanone	8.64	43	11651	1.967	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	6628	0.904	ug/L	90

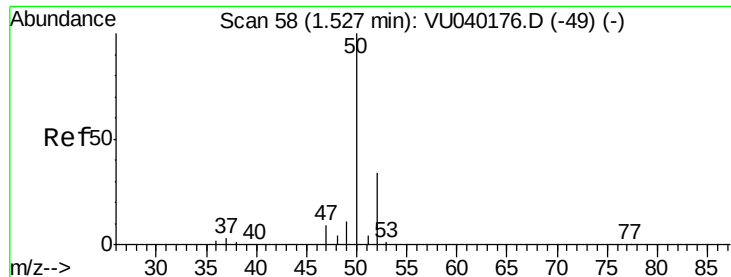
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.104 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040186.D

Acq: 17 Sep 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

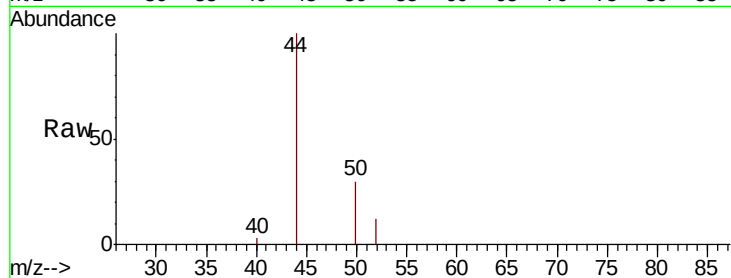
C0AF1

Tot Ion: 50 Resp: 1015

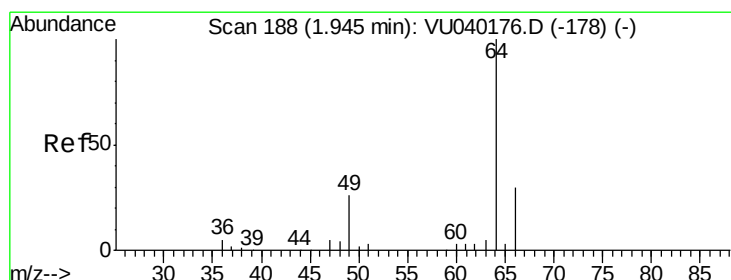
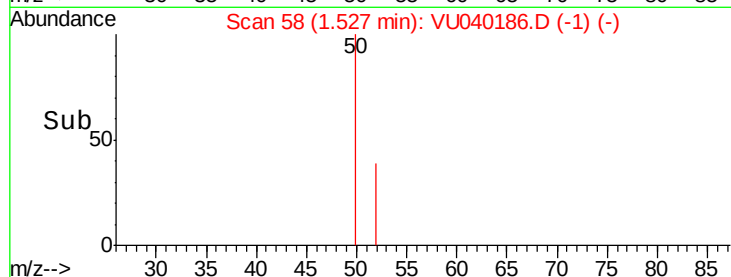
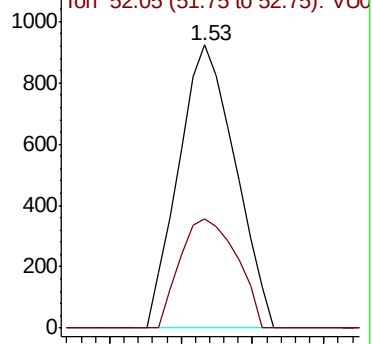
Ion Ratio Lower Upper

50 100

52 38.7 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040186.D (-1) (-)



#8

Chloroethane

Concen: 0.070 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040186.D

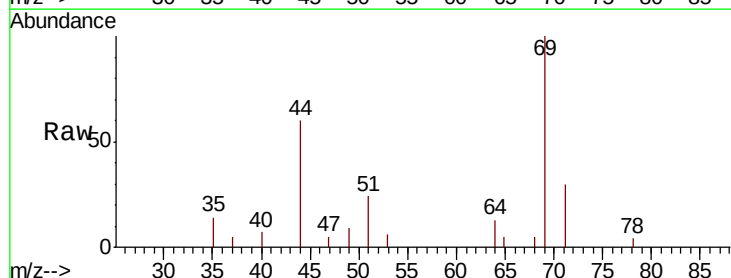
Acq: 17 Sep 2020 17:08

Tgt Ion: 64 Resp: 420

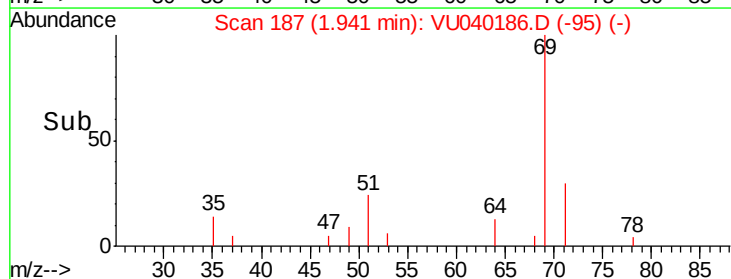
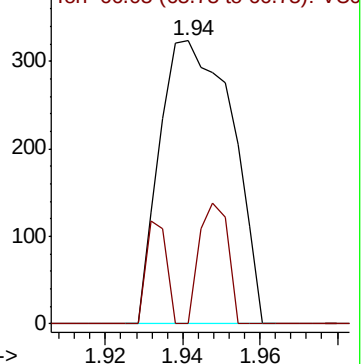
Ion Ratio Lower Upper

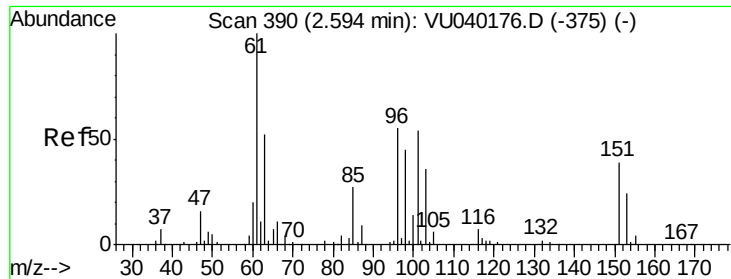
64 100

66 0.0 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU040186.D (-95) (-)





#10

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

Concen: 0.044 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040186.D

Acq: 17 Sep 2020 17:08

Instrument :

MSVOA_U

ClientSampled :

C0AF1

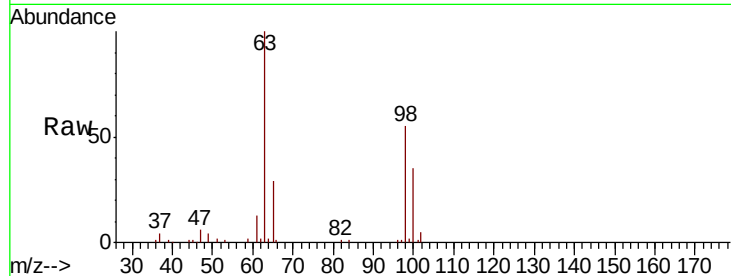
Tot Ion:101 Resp: 409

Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

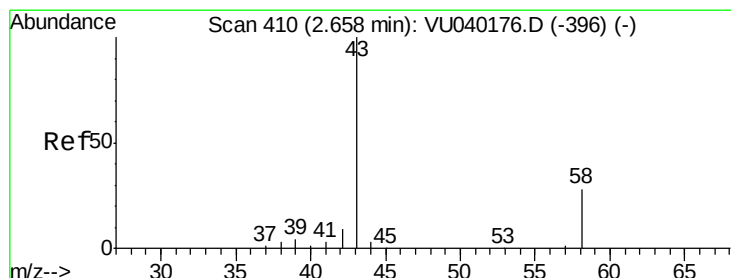
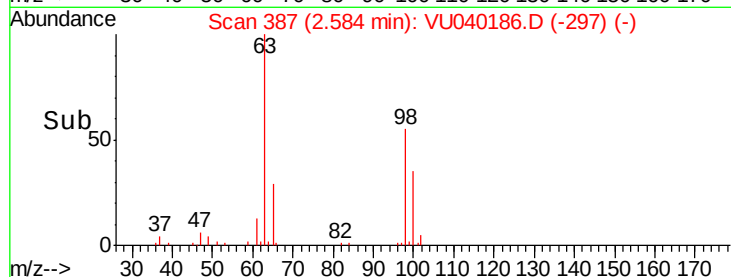
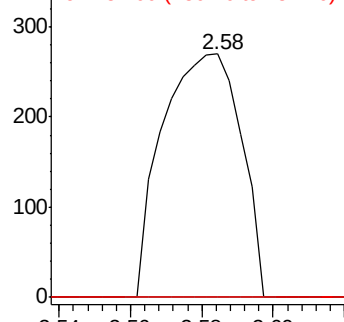
151 0.0 53.9 80.9#



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: 1.189 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU040186.D

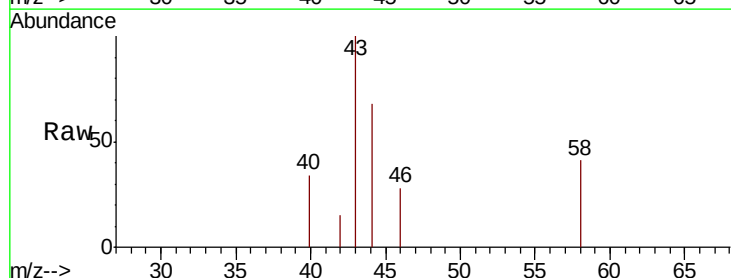
Acq: 17 Sep 2020 17:08

Tgt Ion: 43 Resp: 2481

Ion Ratio Lower Upper

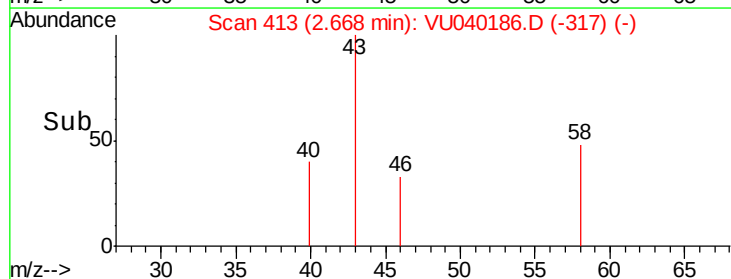
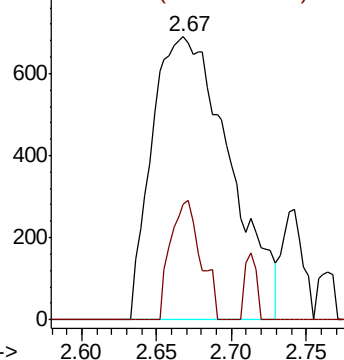
43 100

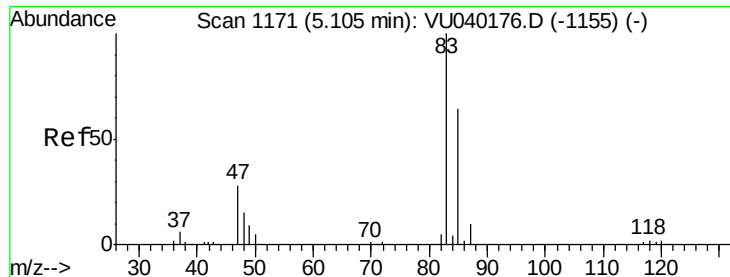
58 16.4 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

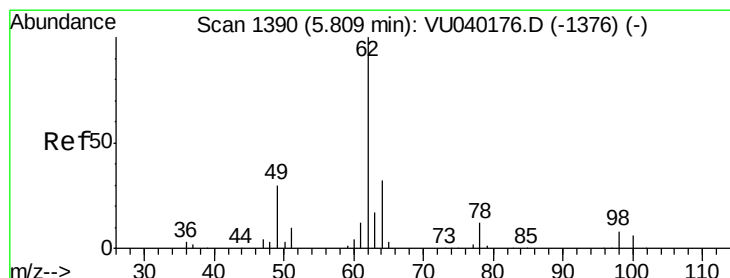
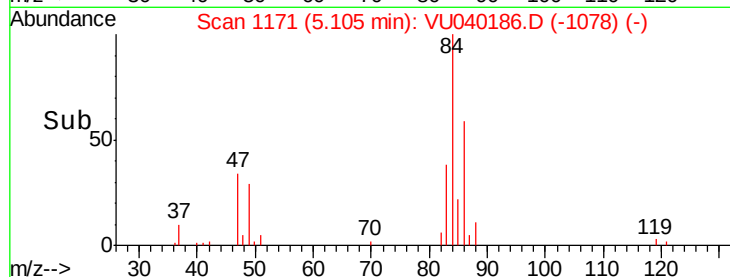
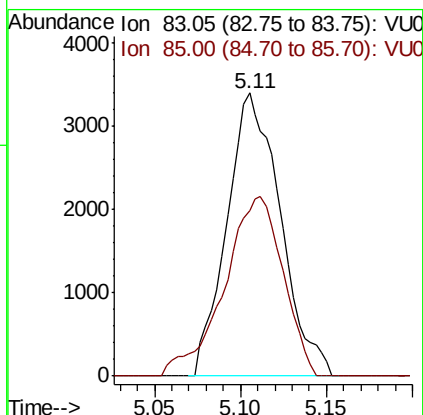
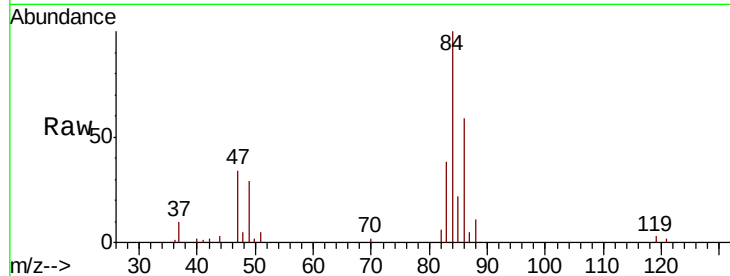




#25
Chloroform
Concen: 0.408 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040186.D
Acq: 17 Sep 2020 17:08

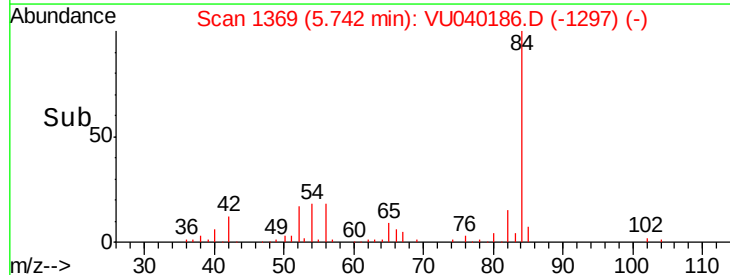
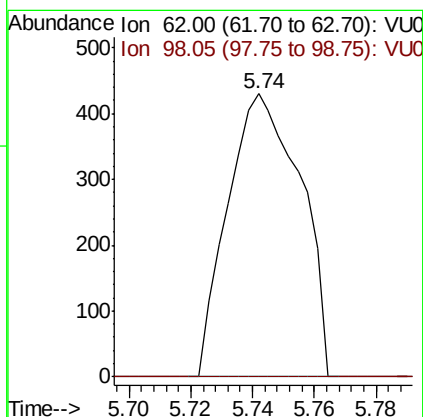
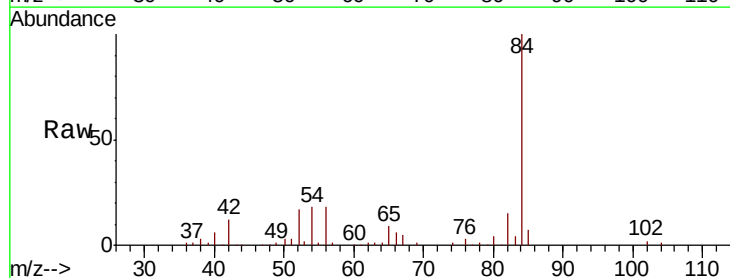
Instrument :
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C0AF1

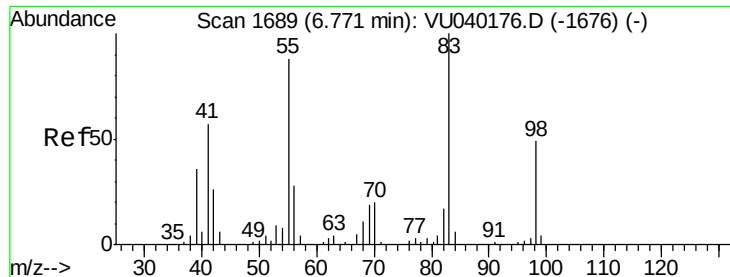
Tot Ion: 83 Resp: 7380
Ion Ratio Lower Upper
83 100
85 58.5 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.053 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040186.D
Acq: 17 Sep 2020 17:08

Tgt Ion: 62 Resp: 704
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

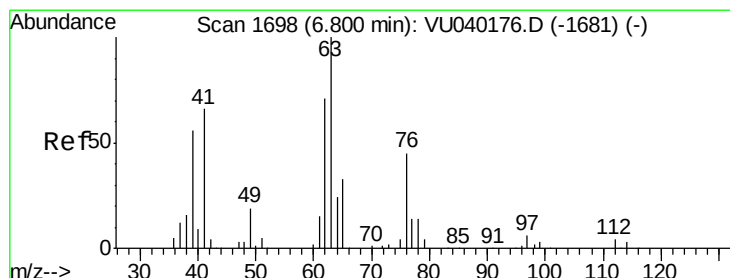
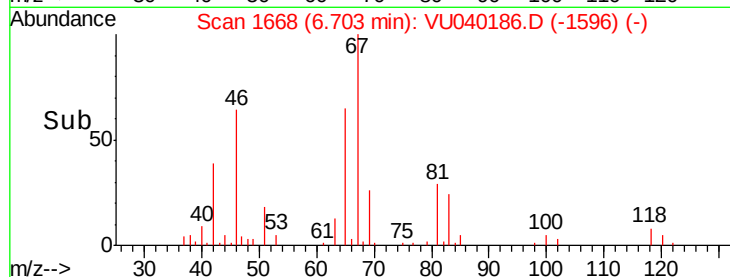
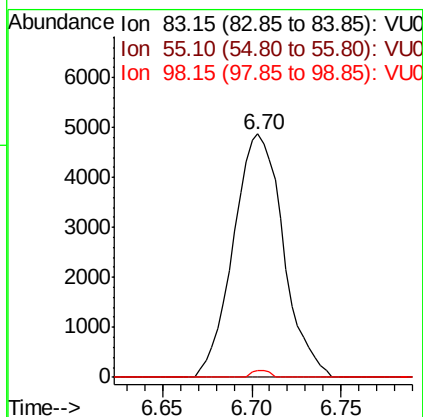
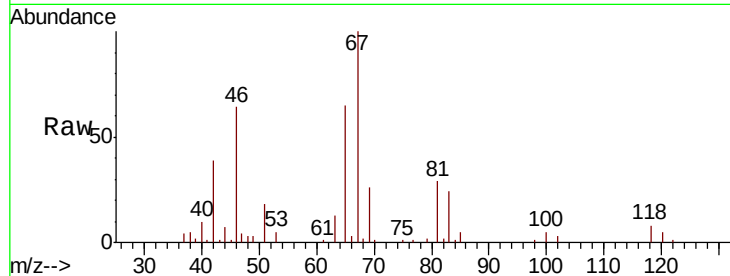




#35
Methvlcvclohexane
Concen: 0.632 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040186.D
Acq: 17 Sep 2020 17:08

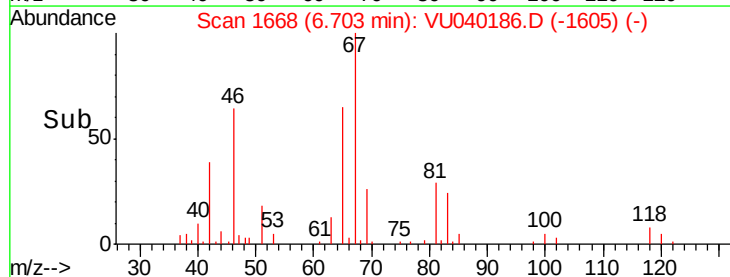
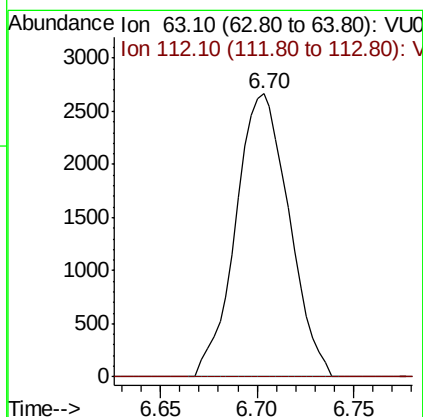
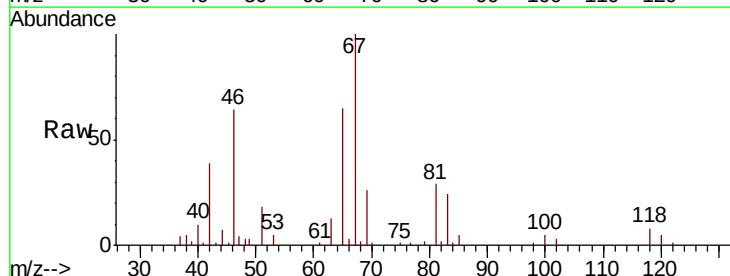
Instrument :
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ClientSampleId :
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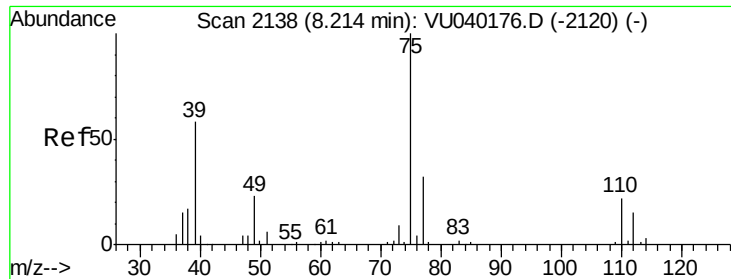
Tot Ion: 83 Resp: 9495
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040186.D
Acq: 17 Sep 2020 17:08

Tgt Ion: 63 Resp: 5109
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

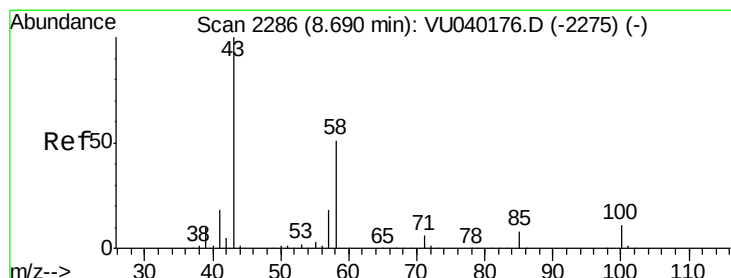
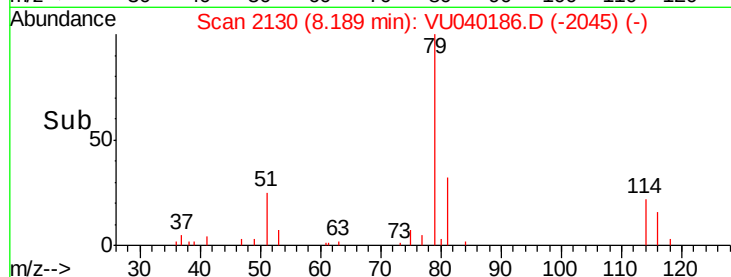
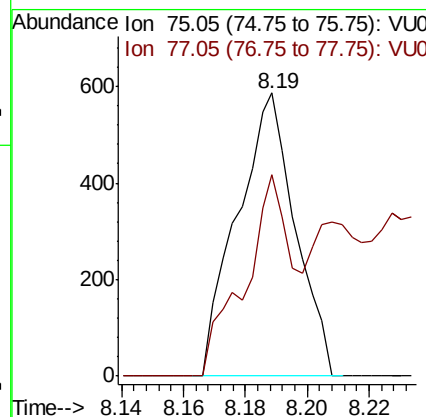
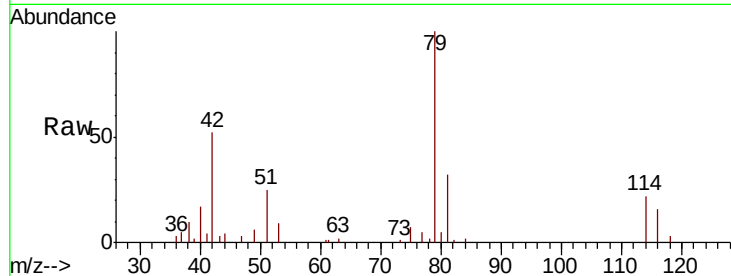




#44
trans-1,3-Dichloropropene
Concen: 0.056 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040186.D
Acq: 17 Sep 2020 17:08

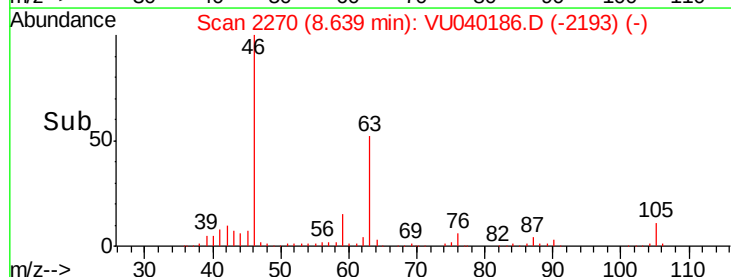
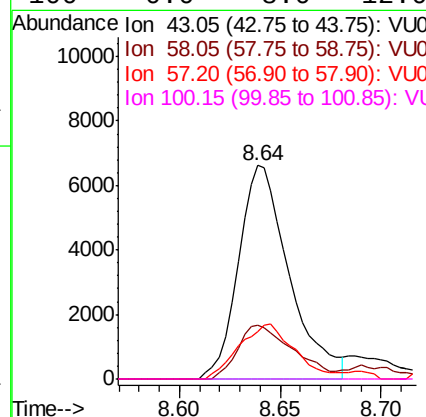
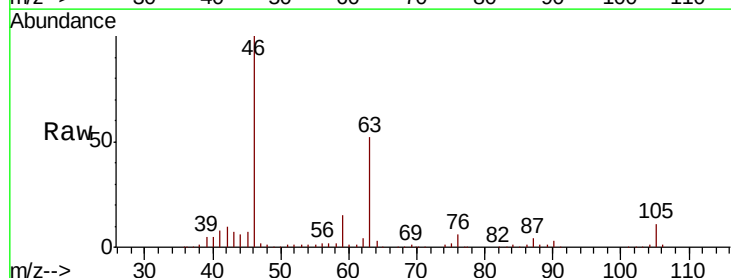
Instrument :
MSVOA_U
ClientSampled :
C0AF1

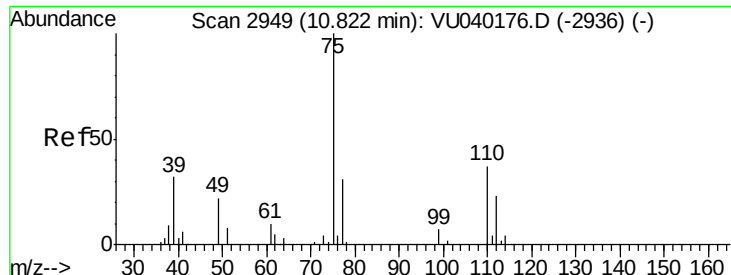
Tot Ion: 75 Resp: 763
Ion Ratio Lower Upper
75 100
77 71.2 23.9 44.3#



#48
2-Hexanone
Concen: 1.967 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040186.D
Acq: 17 Sep 2020 17:08

Tgt Ion: 43 Resp: 11651
Ion Ratio Lower Upper
43 100
58 27.6 39.6 59.4#
57 28.2 14.3 21.5#
100 0.0 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.904 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040186.D

Acq: 17 Sep 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

C0AF1

Tot Ion: 75 Resp: 6628

Ion Ratio Lower Upper

75 100

77 36.6 24.9 37.3

