

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040187.D
 Acq On : 17 Sep 2020 17:31
 Operator : SY/MD
 Sample : L4063-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF2

Quant Time: Sep 18 04:04:01 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	104267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	101993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26516	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.92	69	24513	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	45534	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.66	46	113065	49.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	5.08	84	57359	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	40146	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.75	84	115000	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	38458	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	92029	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	15444	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.64	63	77982	45.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34057	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	38139	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

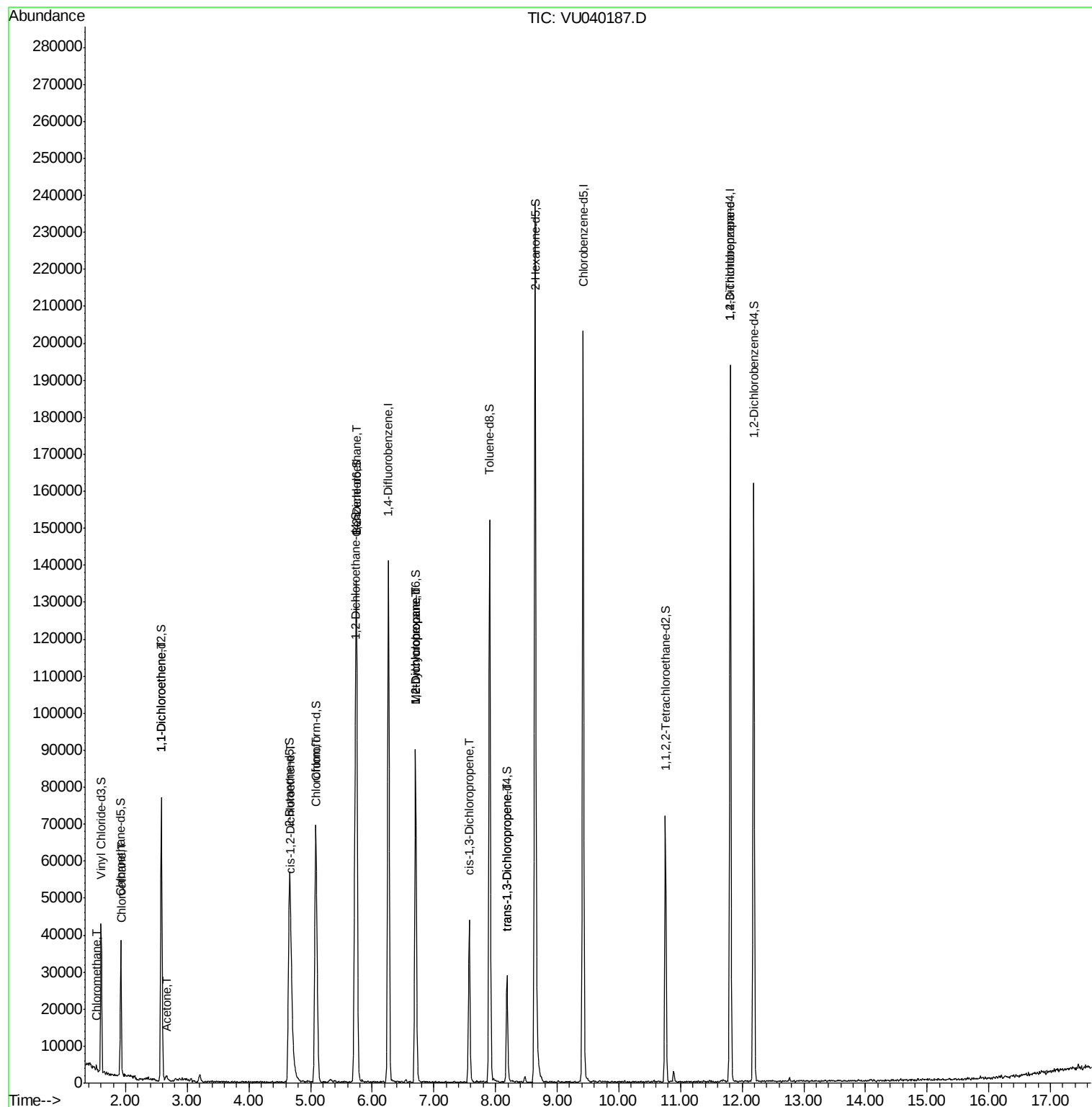
					Ovalue
3) Chloromethane	1.53	50	586	0.059 ug/L #	44
8) Chloroethane	1.94	64	199	0.033 ug/L #	42
12) 1,1-Dichloroethene	2.58	96	1077	0.133 ug/L #	1
13) Acetone	2.67	43	2597	1.232 ug/L	68
22) cis-1,2-Dichloroethene	4.69	96	2501	0.268 ug/L	89
25) Chloroform	5.10	83	7276	0.398 ug/L	93
27) 1,2-Dichloroethane	5.75	62	894	0.067 ug/L #	78
35) Methylcyclohexane	6.70	83	8842	0.590 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4806	0.486 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1204	0.083 ug/L #	64
44) trans-1,3-Dichloropropene	8.18	75	793	0.059 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	6895	0.942 ug/L #	82

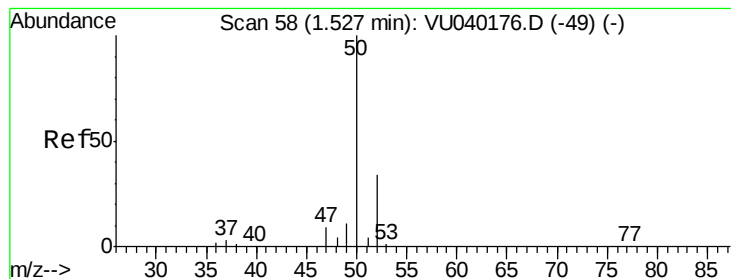
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 04:01:22 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.059 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040187.D

Acq: 17 Sep 2020 17:31

Instrument :

MSVOA_U

ClientSampleId :

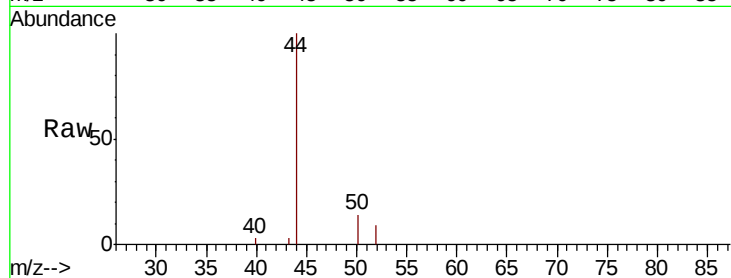
C0AF2

Tot Ion: 50 Resp: 586

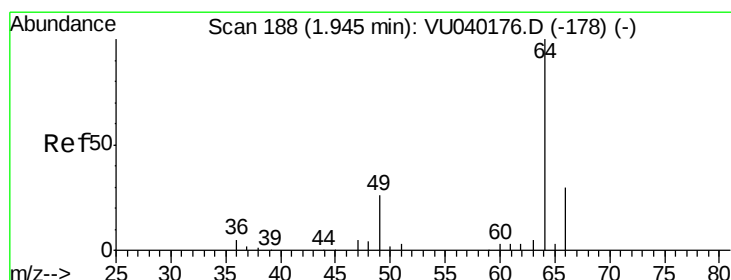
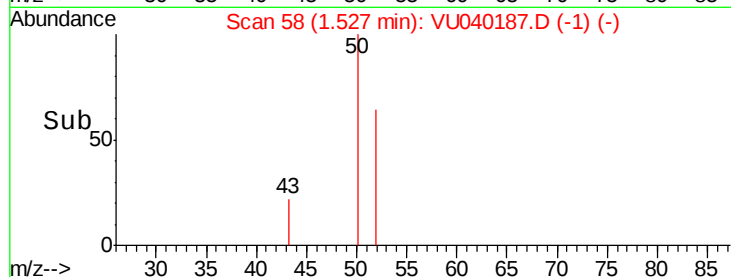
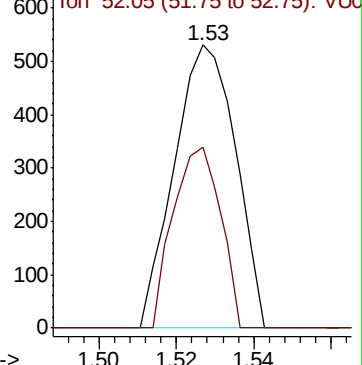
Ion Ratio Lower Upper

50 100

52 63.8 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VU040187.D (-1) (-)



#8

Chloroethane

Concen: 0.033 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU040187.D

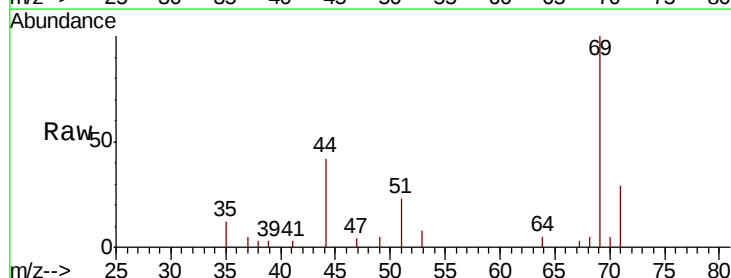
Acq: 17 Sep 2020 17:31

Tgt Ion: 64 Resp: 199

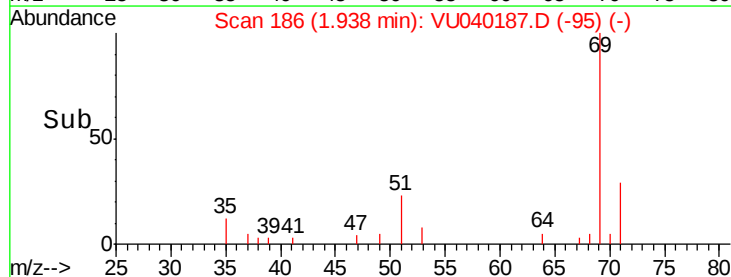
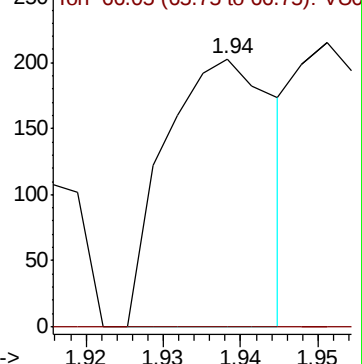
Ion Ratio Lower Upper

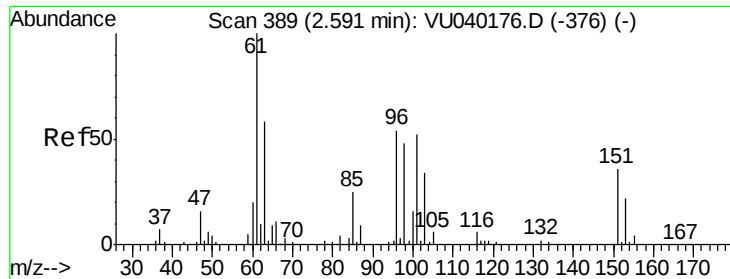
64 100

66 0.0 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU040187.D (-95) (-)





#12

1,1-Dichloroethene

Concen: 0.133 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040187.D

Acq: 17 Sep 2020 17:31

Instrument :

MSVOA_U

ClientSampleId :

C0AF2

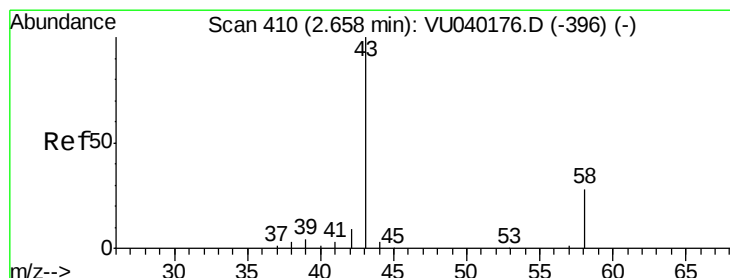
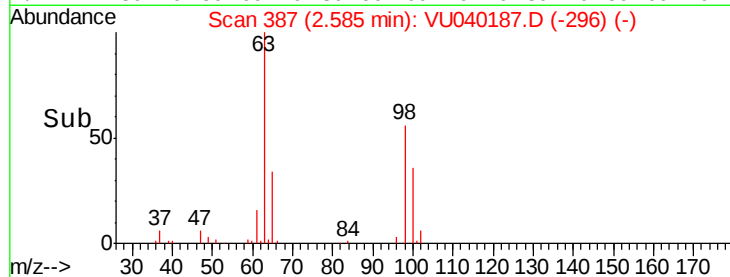
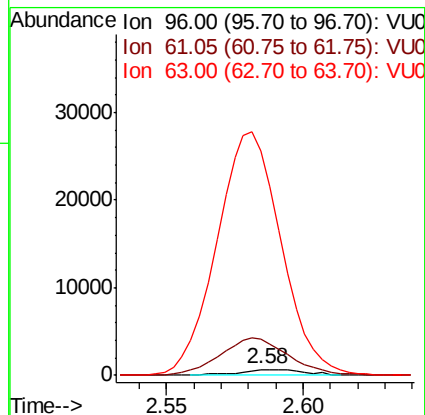
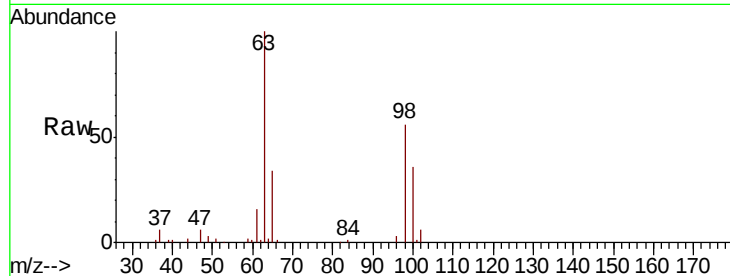
Tot Ion: 96 Resp: 1077

Ion Ratio Lower Upper

96 100

61 627.5 138.3 256.8#

63 3909.9 77.6 144.2#



#13

Acetone

Concen: 1.232 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU040187.D

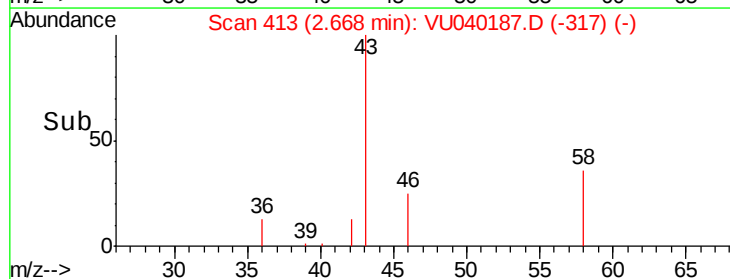
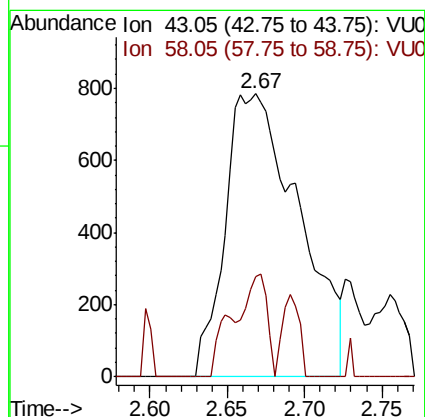
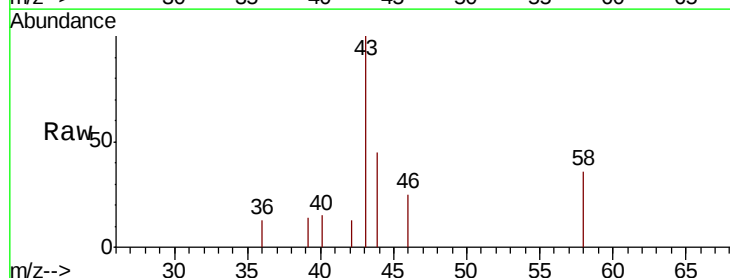
Acq: 17 Sep 2020 17:31

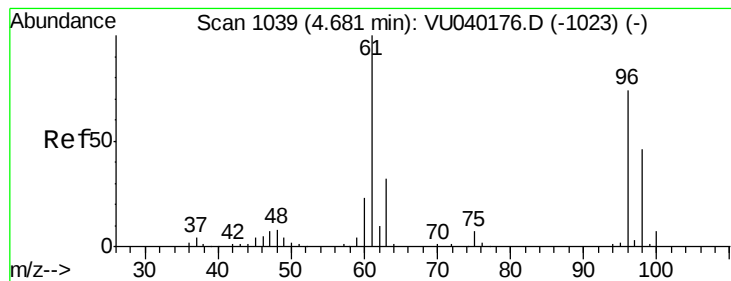
Tgt Ion: 43 Resp: 2597

Ion Ratio Lower Upper

43 100

58 11.1 0.0 55.4





#22

cis-1,2-Dichloroethene

Concen: 0.268 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU040187.D

Acq: 17 Sep 2020 17:31

Instrument :

MSVOA_U

ClientSampleId :

C0AF2

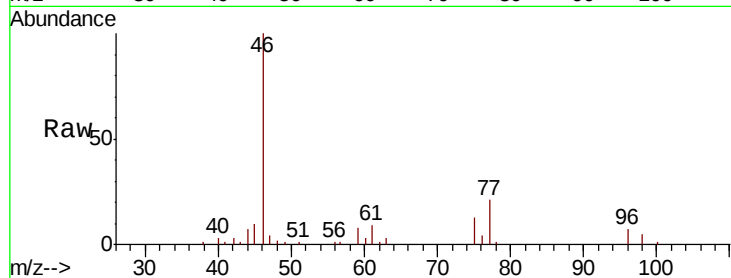
Tot Ion: 96 Resp: 2501

Ion Ratio Lower Upper

96 100

61 128.0 98.8 183.4

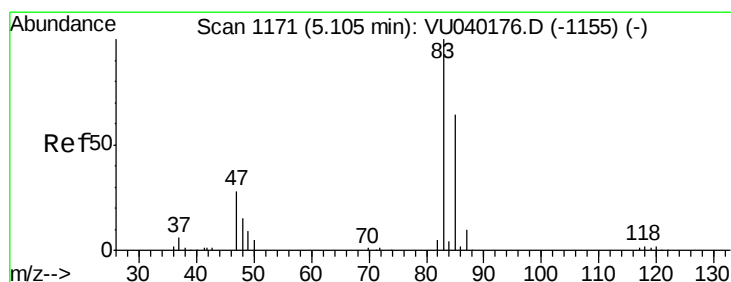
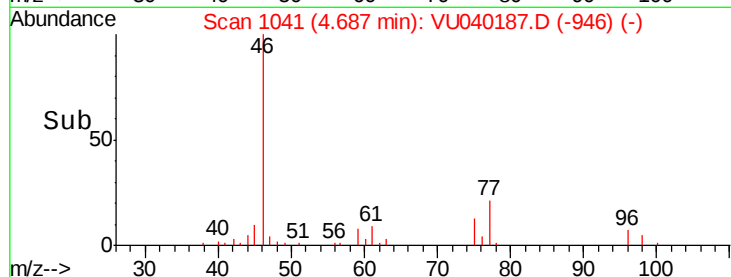
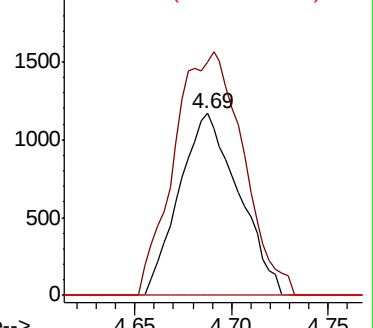
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#25

Chloroform

Concen: 0.398 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040187.D

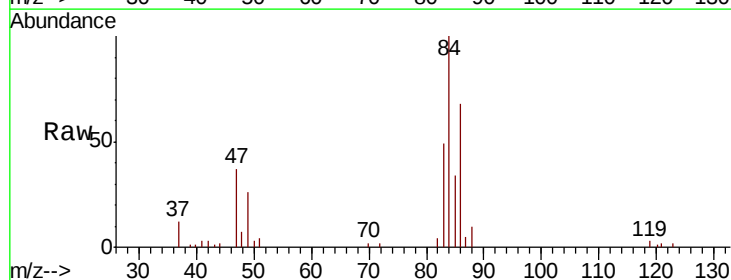
Acq: 17 Sep 2020 17:31

Tgt Ion: 83 Resp: 7276

Ion Ratio Lower Upper

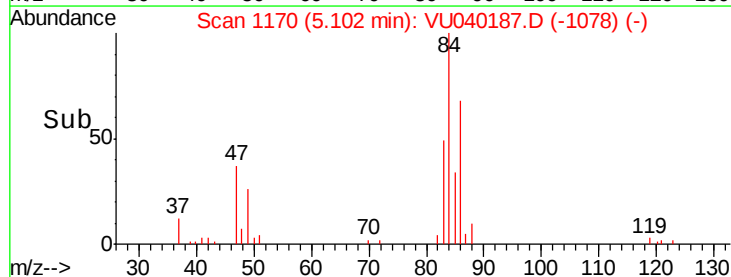
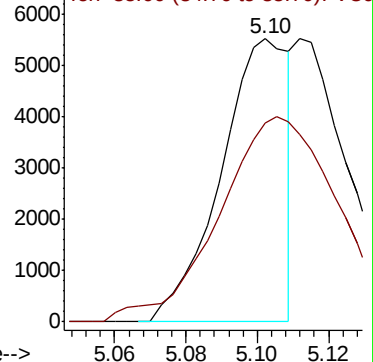
83 100

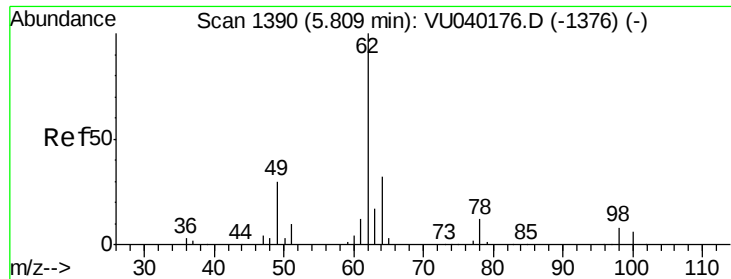
85 70.3 45.3 84.1



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

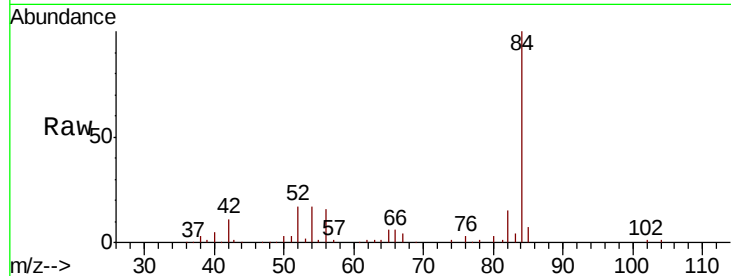




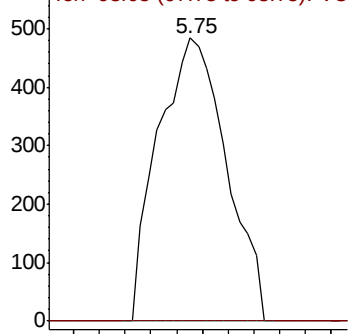
#27
 1,2-Dichloroethane
 Concen: 0.067 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU040187.D
 Acq: 17 Sep 2020 17:31

Instrument :
 MSVOA_U
 ClientSampled :
 C0AF2

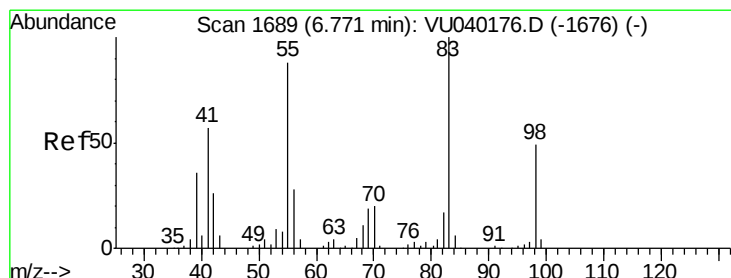
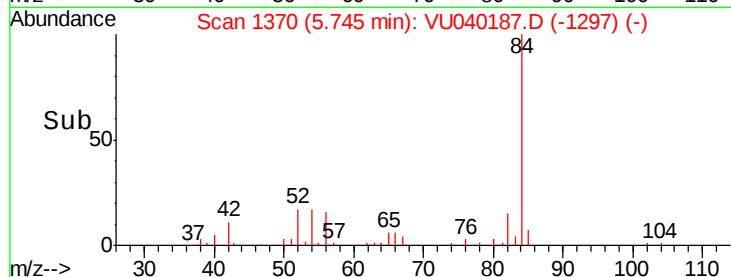
Tot Ion: 62 Resp: 894
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.1 9.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

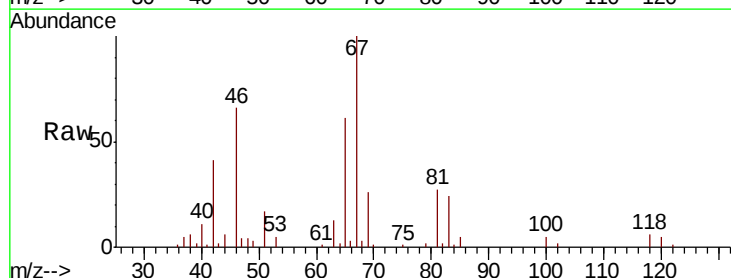


Time-->

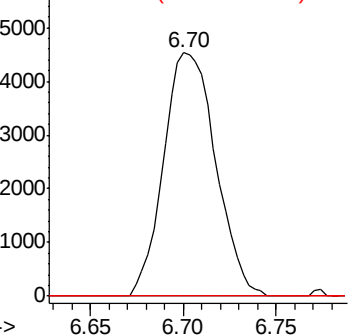


#35
 Methylcyclohexane
 Concen: 0.590 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU040187.D
 Acq: 17 Sep 2020 17:31

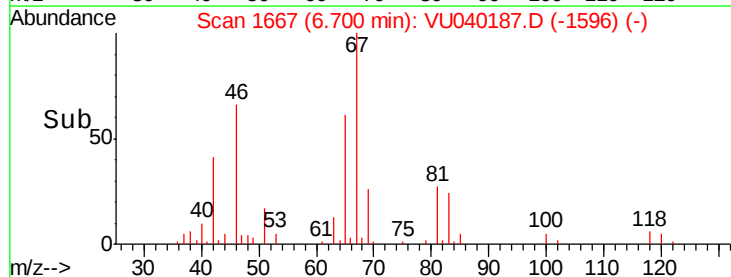
Tgt Ion: 83 Resp: 8842
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.0 37.8 56.6#

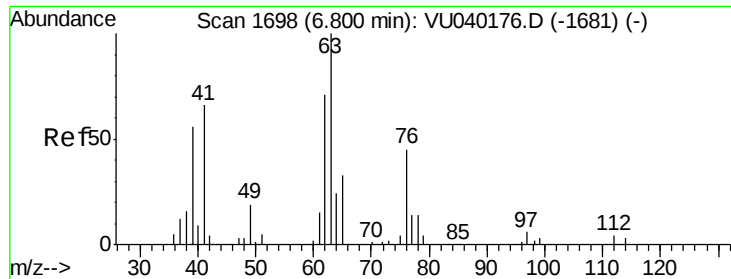


Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0



Time-->

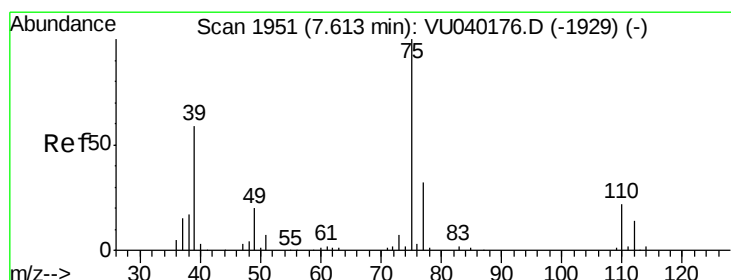
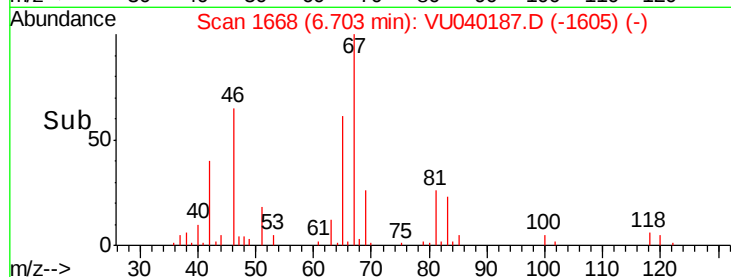
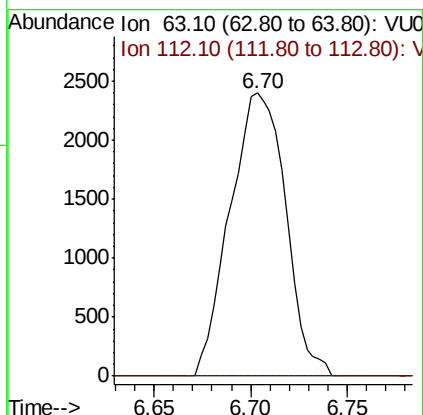
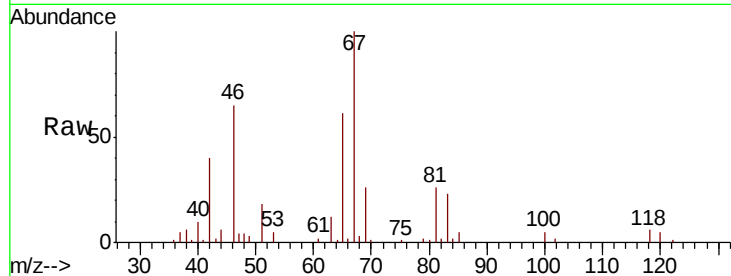




#37
 1,2-Dichloropropane
 Concen: 0.486 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040187.D
 Acq: 17 Sep 2020 17:31

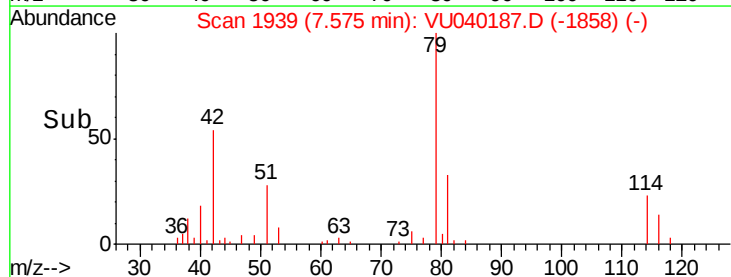
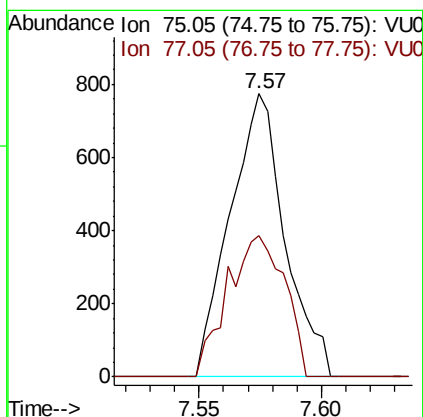
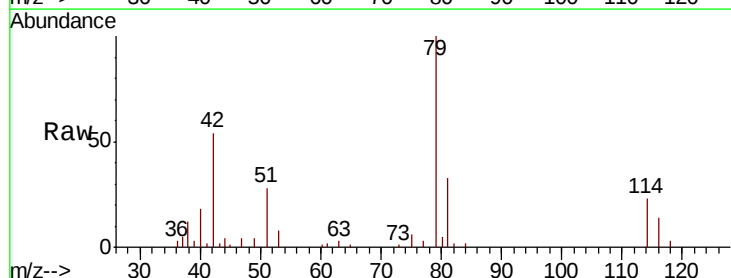
Instrument :
 MSVOA_U
 ClientSampled :
 C0AF2

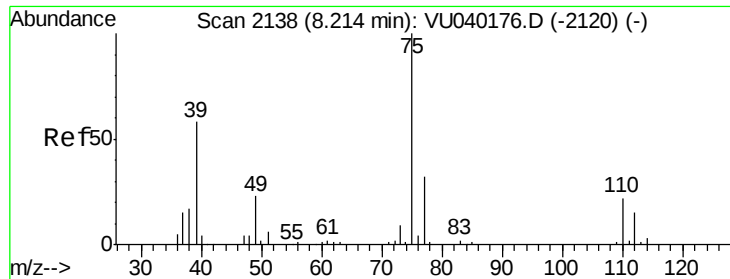
Tot Ion: 63 Resp: 4806
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040187.D
 Acq: 17 Sep 2020 17:31

Tgt Ion: 75 Resp: 1204
 Ion Ratio Lower Upper
 75 100
 77 49.9 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: VU040187.D

Acq: 17 Sep 2020 17:31

Instrument :

MSVOA_U

ClientSampled :

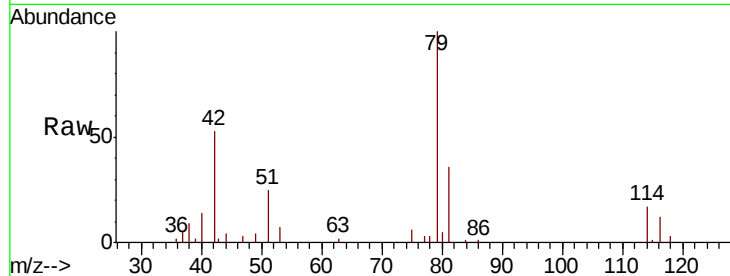
C0AF2

Tot Ion: 75 Resp: 793

Ion Ratio Lower Upper

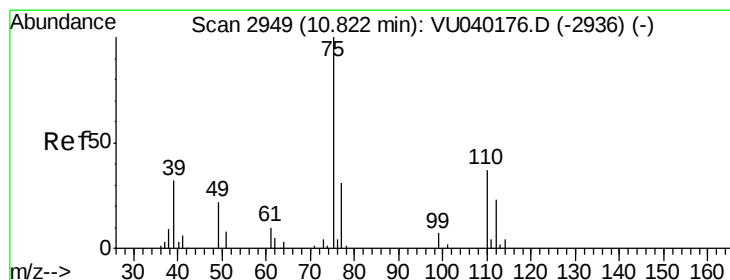
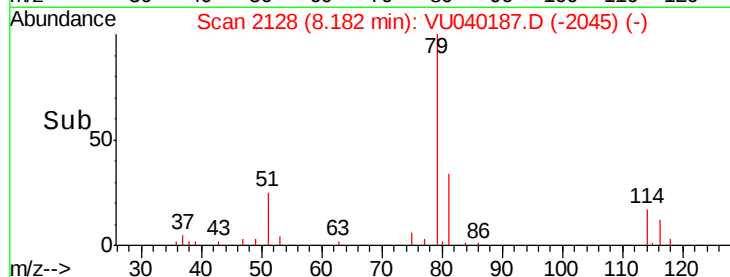
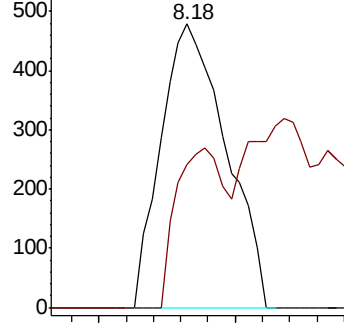
75 100

77 50.6 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.942 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040187.D

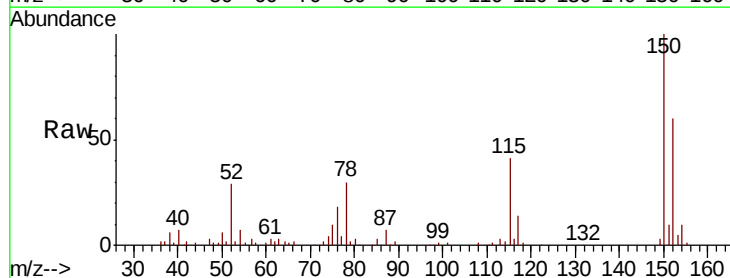
Acq: 17 Sep 2020 17:31

Tgt Ion: 75 Resp: 6895

Ion Ratio Lower Upper

75 100

77 41.1 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

