

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040386.D
 Acq On : 30 Sep 2020 02:17
 Operator : SY/MD
 Sample : L4186-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0H6

Quant Time: Sep 30 02:58:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119240	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123052	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53053	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27547	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.92	69	27632	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.58	63	47186	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.65	46	160479	54.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.46%
24) Chloroform-d	5.08	84	73247	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.72	65	46555	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.75	84	129731	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	46523	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	100216	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	16820	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	111251	51.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44831	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	47980	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

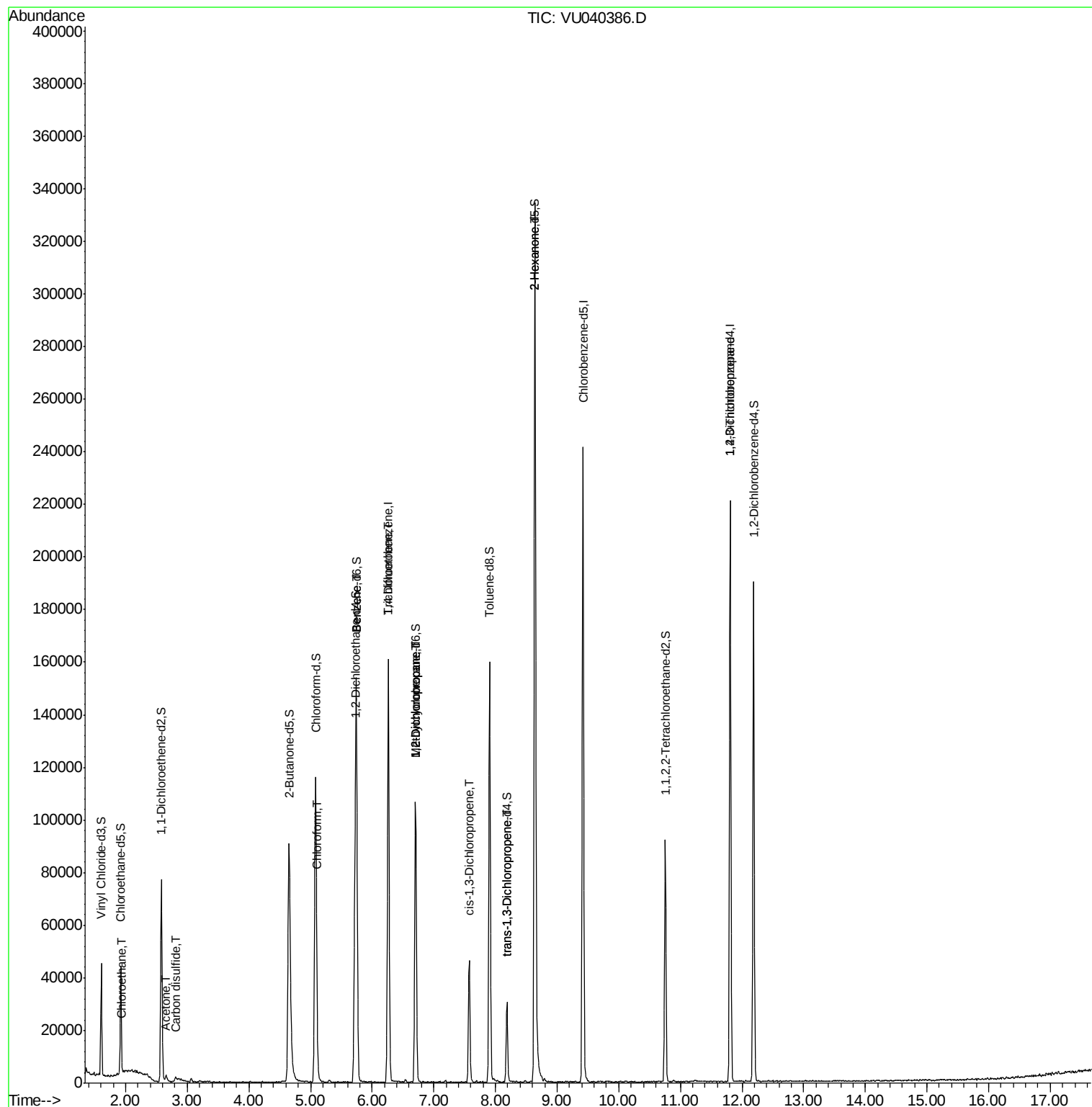
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	1634	0.239	ug/L #	44
13) Acetone	2.66	43	3510	1.436	ug/L	93
14) Carbon disulfide	2.81	76	1511	0.053	ug/L #	88
25) Chloroform	5.11	83	1901	0.097	ug/L	98
33) Benzene	5.74	78	989	0.024	ug/L	100
34) Trichloroethene	6.27	95	2078	0.190	ug/L #	8
35) Methylcyclohexane	6.70	83	11254	0.701	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5426	0.472	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1264	0.082	ug/L	88
44) trans-1,3-Dichloropropene	8.19	75	695	0.049	ug/L #	66
48) 2-Hexanone	8.64	43	15779	2.380	ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	8078	0.970	ug/L	94

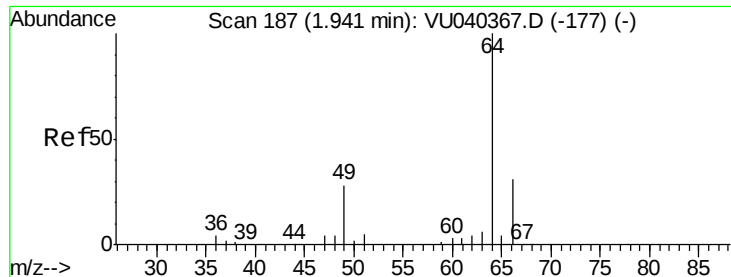
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 02:48:48 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.239 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU040386.D

Acq: 30 Sep 2020 02:17

Instrument :

MSVOA_U

ClientSampleId :

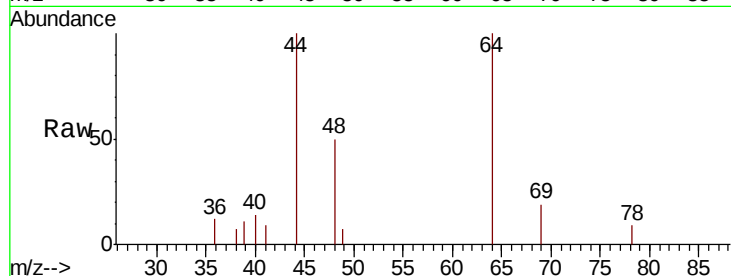
BG0H6

Tot Ion: 64 Resp: 1634

Ion Ratio Lower Upper

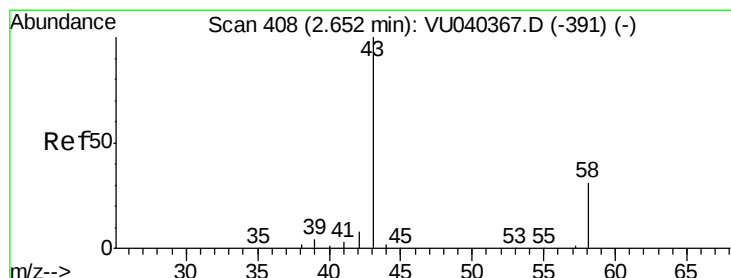
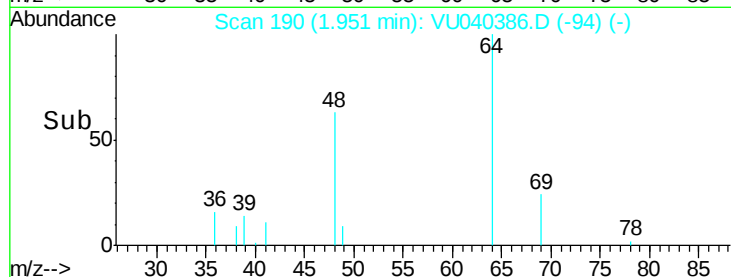
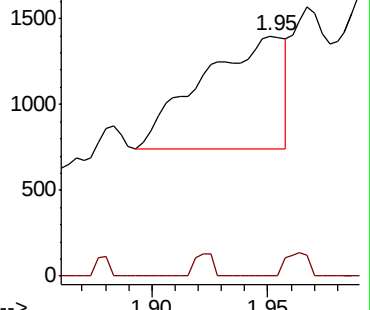
64 100

66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU040386.D (-194) (-)

Ion 66.05 (65.75 to 66.75): VU040386.D (-194) (-)



#13

Acetone

Concen: 1.436 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU040386.D

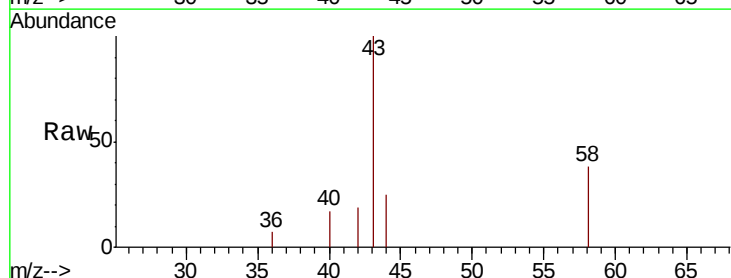
Acq: 30 Sep 2020 02:17

Tgt Ion: 43 Resp: 3510

Ion Ratio Lower Upper

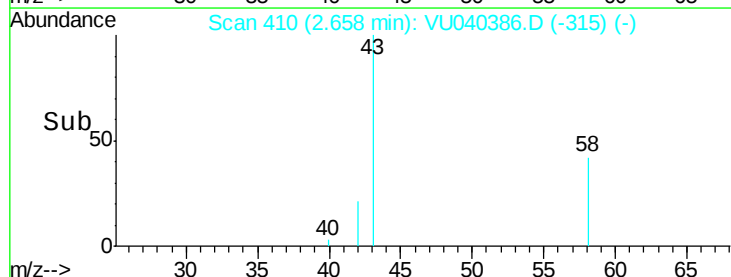
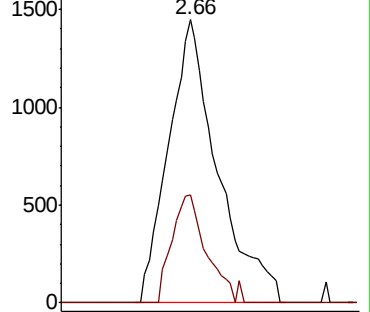
43 100

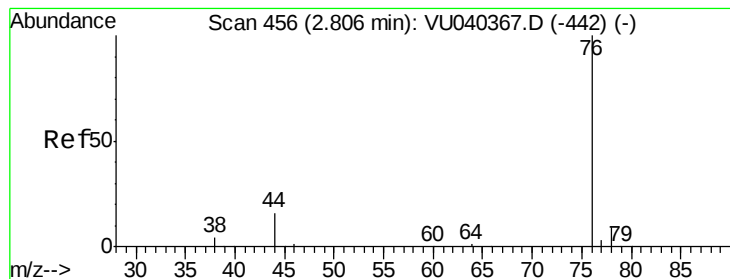
58 27.3 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040386.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU040386.D (-315) (-)





#14

Carbon disulfide

Concen: 0.053 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040386.D

Acq: 30 Sep 2020 02:17

Instrument :

MSVOA_U

ClientSampleId :

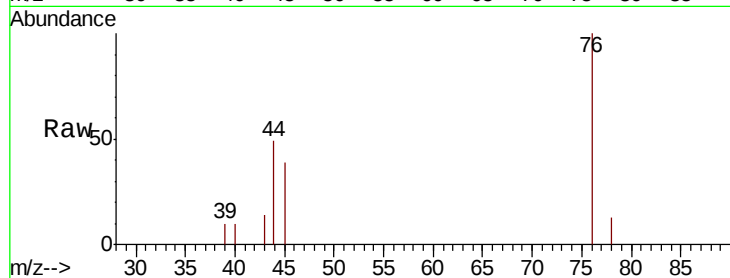
BG0H6

Tot Ion: 76 Resp: 1511

Ion Ratio Lower Upper

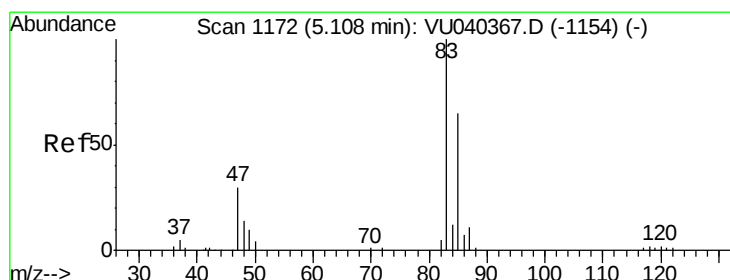
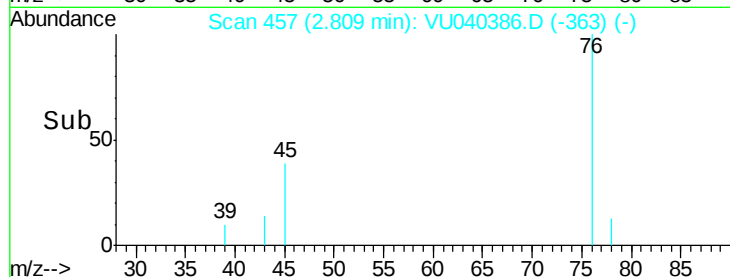
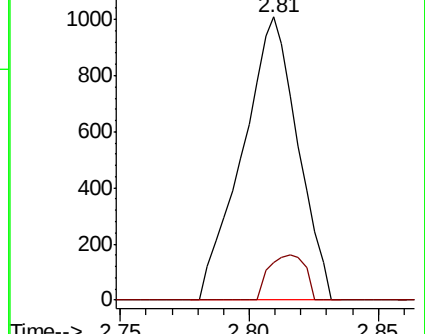
76 100

78 13.4 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU040367.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040367.D (-442) (-)



#25

Chloroform

Concen: 0.097 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU040386.D

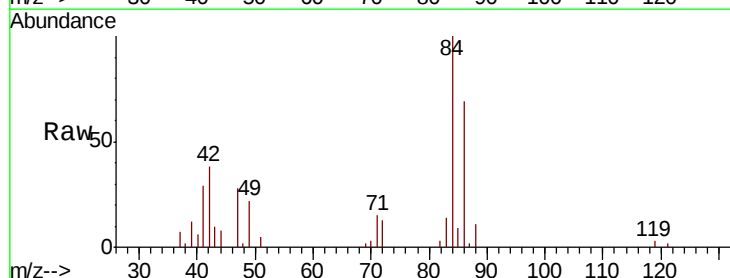
Acq: 30 Sep 2020 02:17

Tgt Ion: 83 Resp: 1901

Ion Ratio Lower Upper

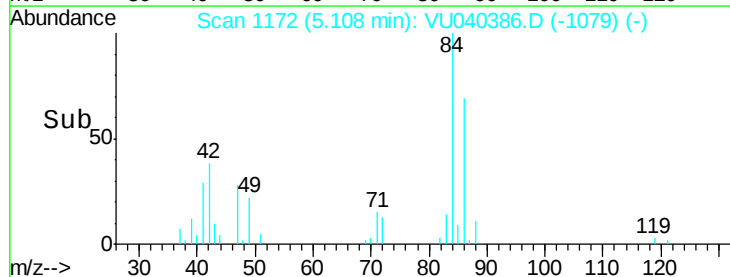
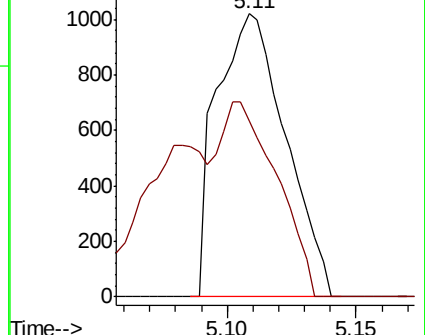
83 100

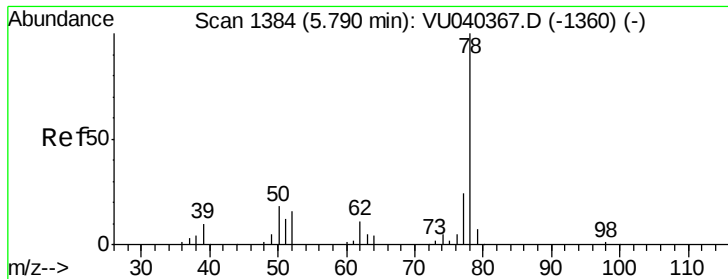
85 62.0 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU040367.D (-1154) (-)

Ion 85.00 (84.70 to 85.70): VU040367.D (-1154) (-)





#33

Benzene

Concen: 0.024 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU040386.D

Acq: 30 Sep 2020 02:17

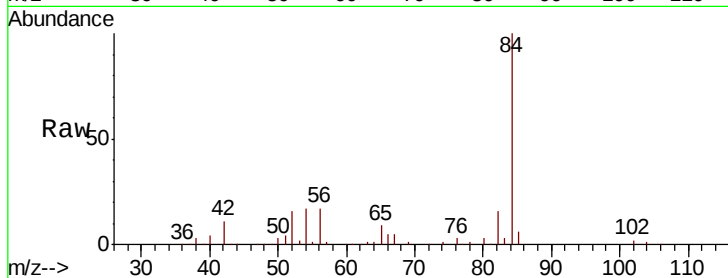
Instrument :

MSVOA_U

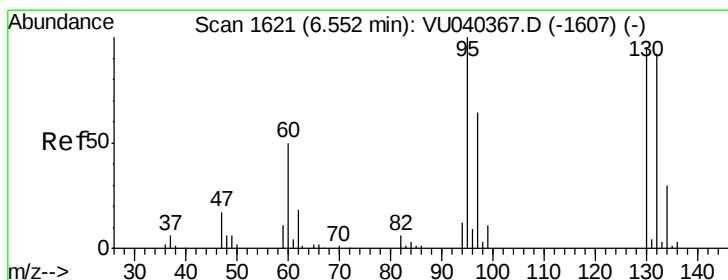
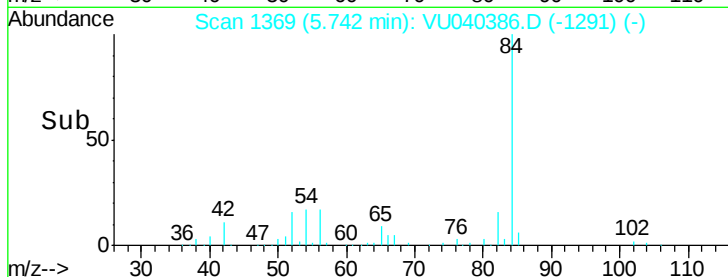
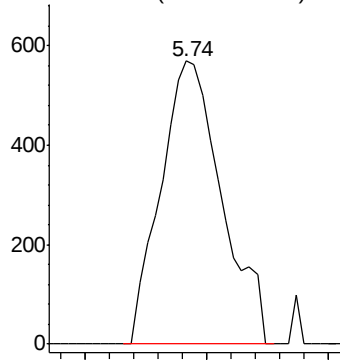
ClientSampled :

BG0H6

Tgt Ion: 78 Resp: 989



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.190 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU040386.D

Acq: 30 Sep 2020 02:17

Tgt Ion: 95 Resp: 2078

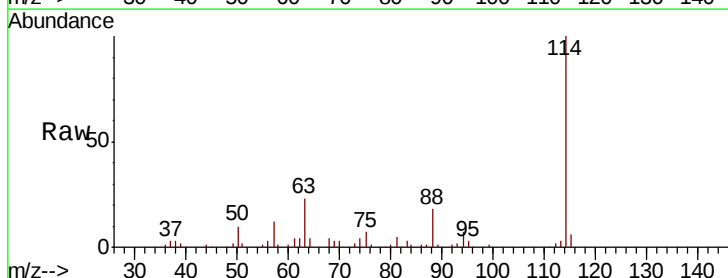
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 60.5 112.3#

130 0.0 64.3 119.3#

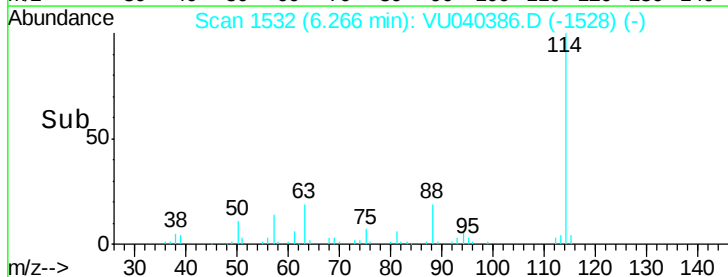
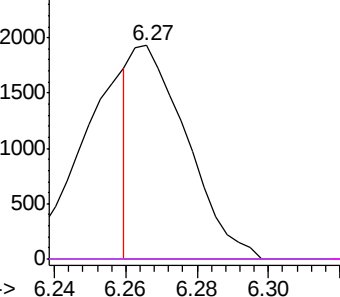


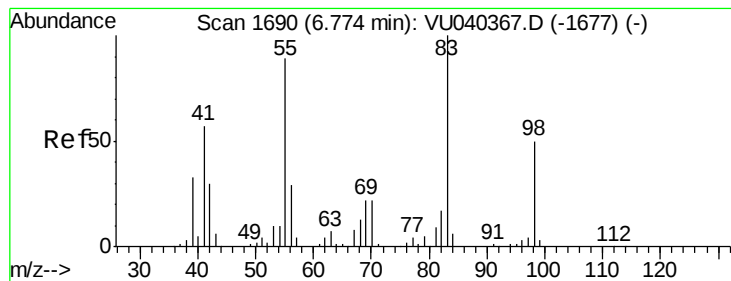
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Methvlcvclohexane

Concen: 0.701 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040386.D

Acq: 30 Sep 2020 02:17

Instrument :

MSVOA_U

ClientSampleId :

BG0H6

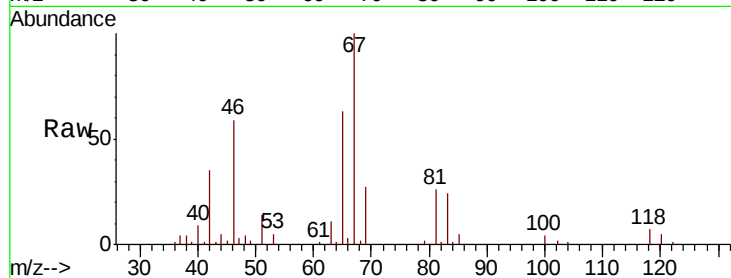
Tot Ion: 83 Resp: 11254

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

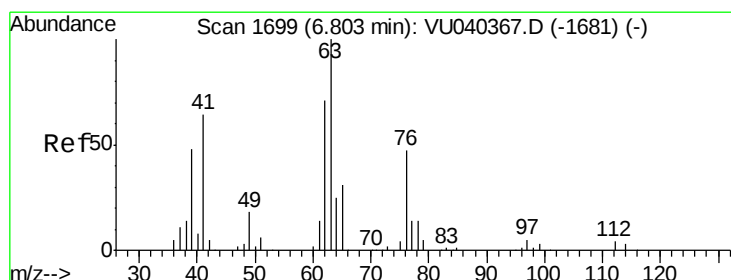
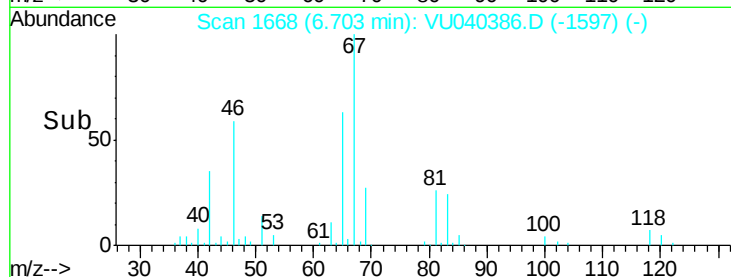
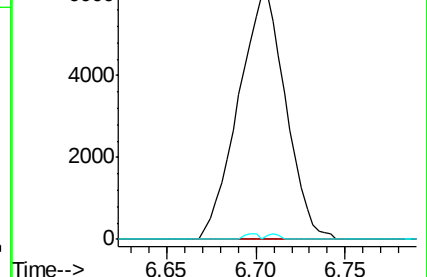
98 0.6 38.5 57.7#



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: 0.472 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU040386.D

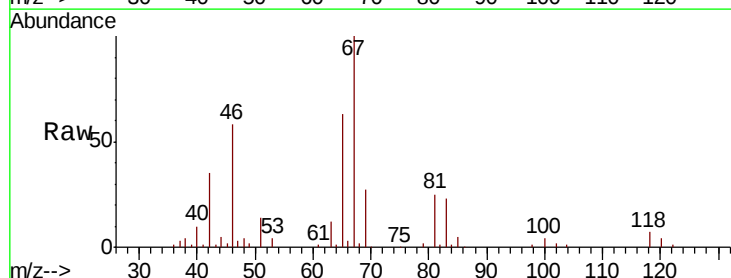
Acq: 30 Sep 2020 02:17

Tgt Ion: 63 Resp: 5426

Ion Ratio Lower Upper

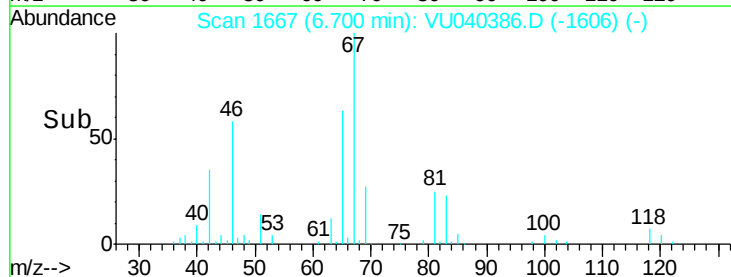
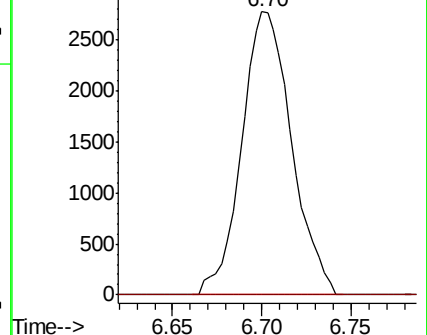
63 100

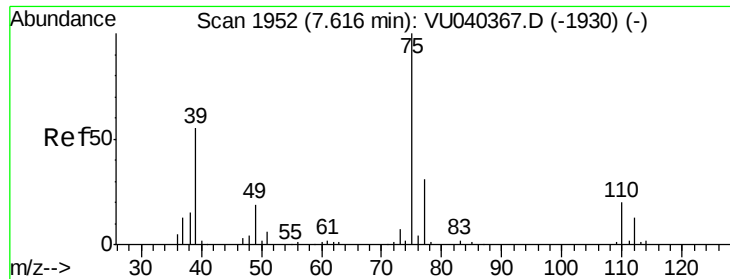
112 0.0 3.2 4.8#



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: 0.082 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040386.D

Acq: 30 Sep 2020 02:17

Instrument :

MSVOA_U

ClientSampled :

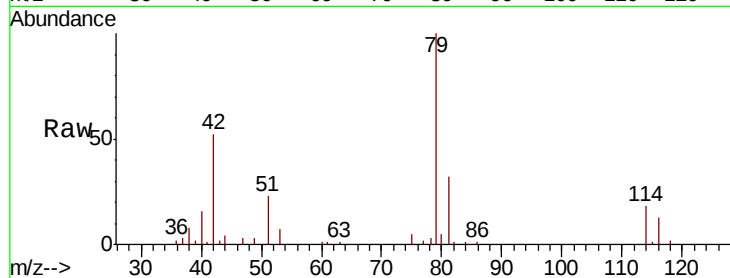
BG0H6

Tot Ion: 75 Resp: 1264

Ion Ratio Lower Upper

75 100

77 40.2 23.5 43.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.58

800

600

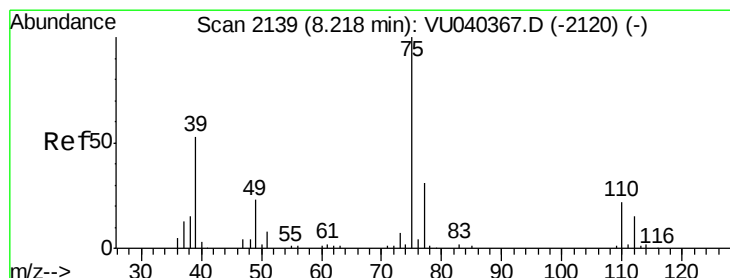
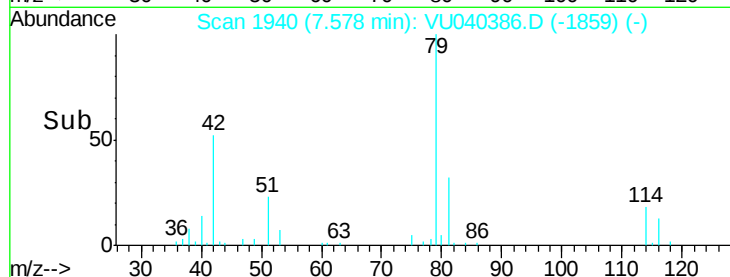
400

200

0

7.55 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.049 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040386.D

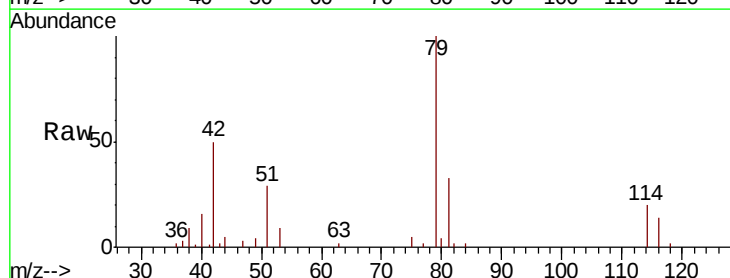
Acq: 30 Sep 2020 02:17

Tgt Ion: 75 Resp: 695

Ion Ratio Lower Upper

75 100

77 50.8 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

500

400

300

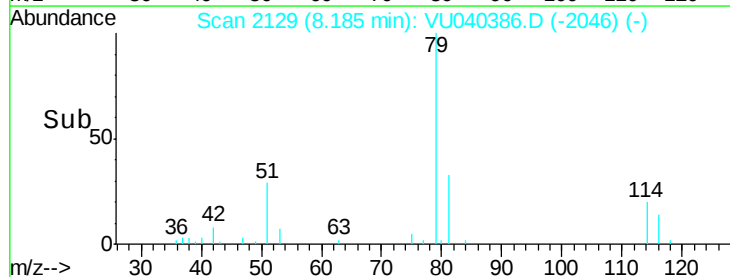
200

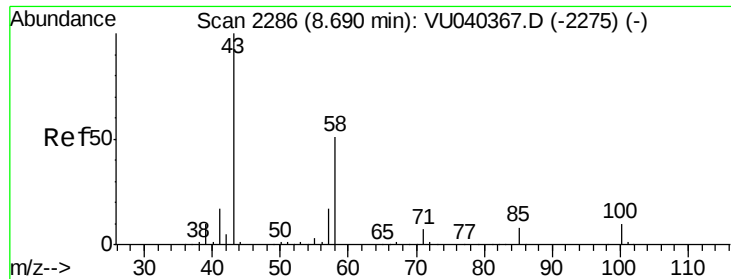
100

0

8.14 8.16 8.18 8.20 8.22

Time-->

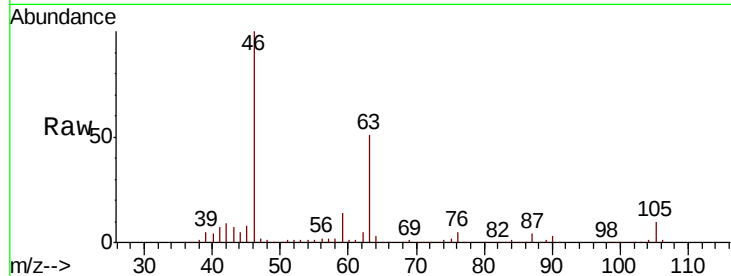




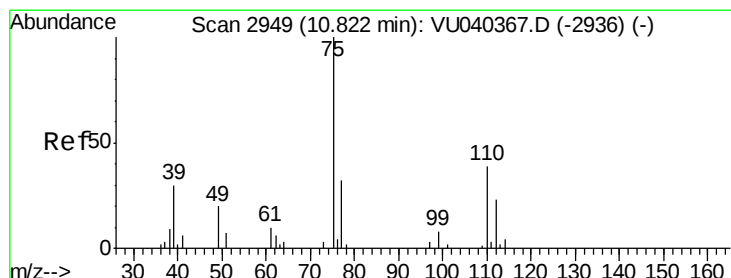
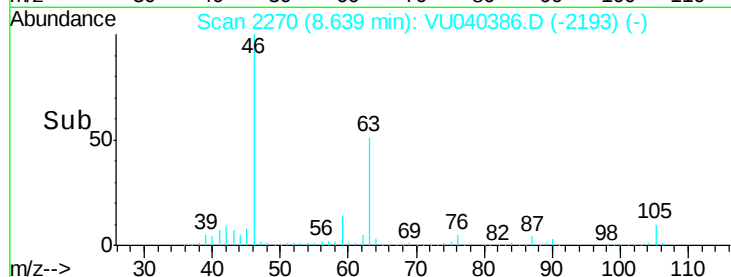
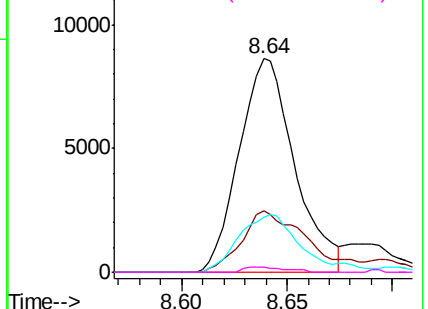
#48
 2-Hexanone
 Concen: 2.380 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040386.D
 Acq: 30 Sep 2020 02:17

Instrument :
 MSVOA_U
 ClientSampled :
 BG0H6

Tot Ion: 43 Resp: 15779
 Ion Ratio Lower Upper
 43 100
 58 33.6 41.0 61.4#
 57 30.3 14.6 22.0#
 100 1.9 8.2 12.4#

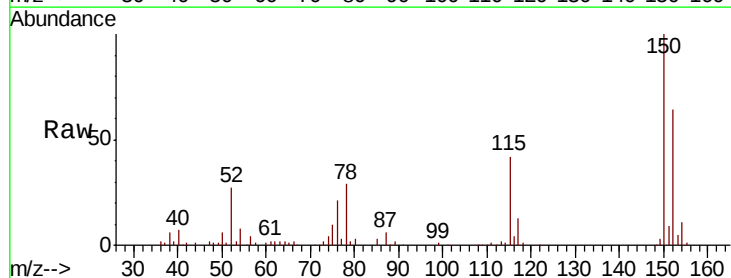


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 0.970 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040386.D
 Acq: 30 Sep 2020 02:17

Tgt Ion: 75 Resp: 8078
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

