

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040373.D
 Acq On : 29 Sep 2020 21:14
 Operator : SY/MD
 Sample : L4186-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E1

Quant Time: Sep 30 02:56:45 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	126664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57749	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28623	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.92	69	28813	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.58	63	47928	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.65	46	166718	53.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.04%
24) Chloroform-d	5.08	84	73338	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	45744	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.75	84	130094	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.70	67	47334	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.91	98	99403	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	16857	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	114591	51.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44673	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47076	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

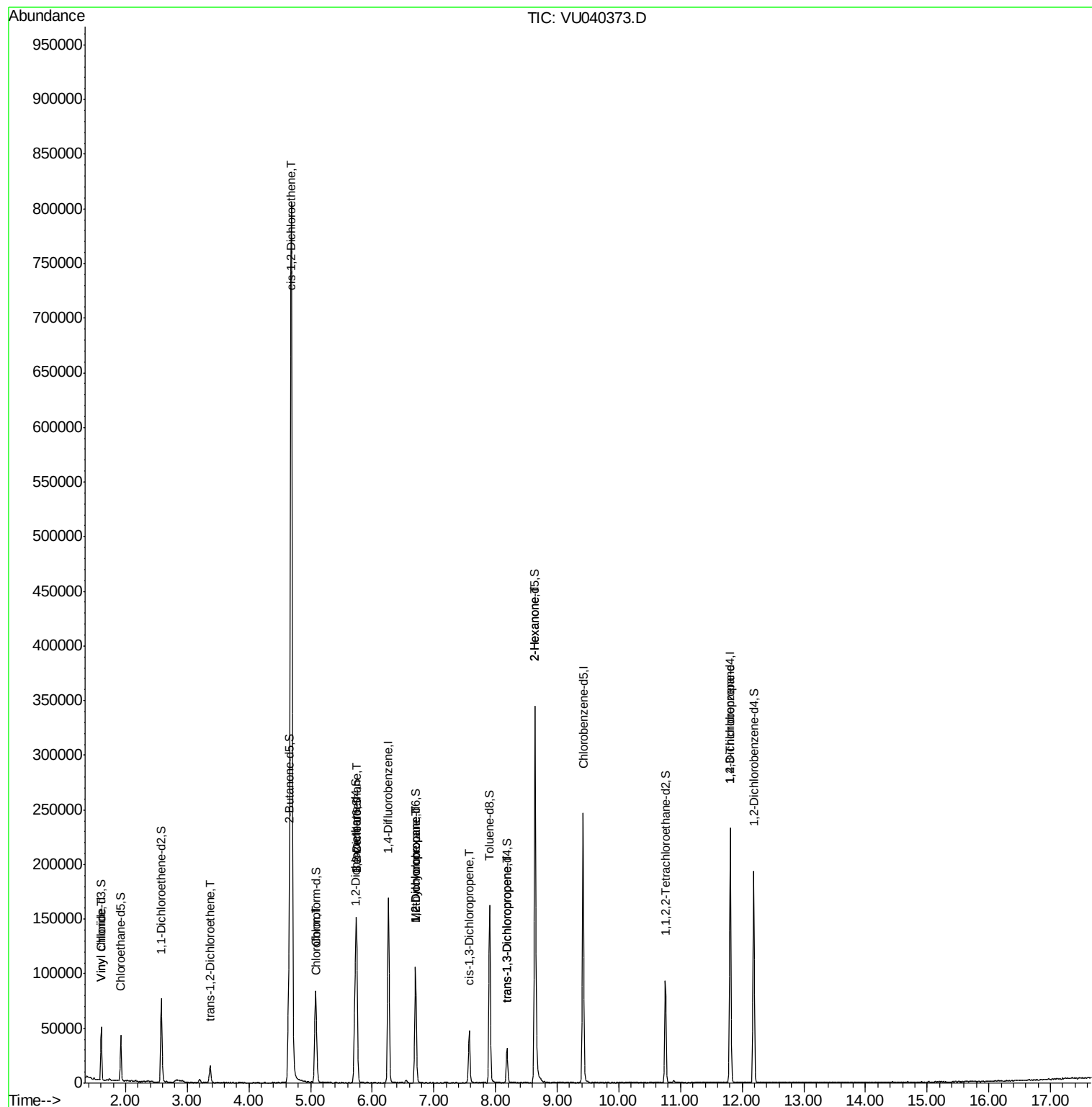
					Ovalue
5) Vinyl chloride	1.61	62	3834	0.313 ug/L	87
18) trans-1,2-Dichloroethene	3.37	96	5930	0.595 ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	381665	34.588 ug/L	100
25) Chloroform	5.11	83	2187	0.105 ug/L	88
27) 1,2-Dichloroethane	5.74	62	921	0.064 ug/L #	74
35) Methylcyclohexane	6.70	83	11339	0.684 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5357	0.452 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1401	0.088 ug/L	100
44) trans-1,3-Dichloropropene	8.19	75	846	0.058 ug/L #	68
48) 2-Hexanone	8.64	43	18311	2.675 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7836	0.911 ug/L #	88

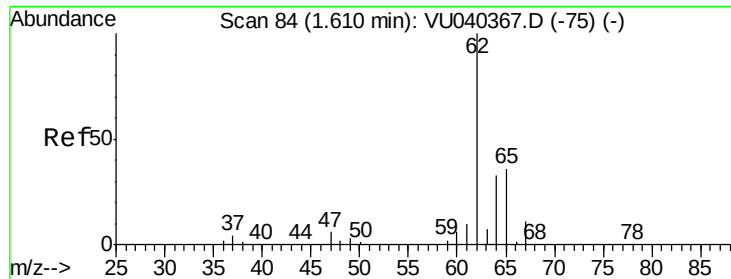
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.313 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040373.D

Acq: 29 Sep 2020 21:14

Instrument :

MSVOA_U

ClientSampled :

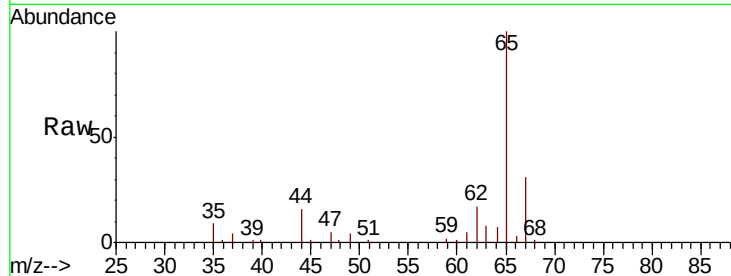
BG0E1

Tot Ion: 62 Resp: 3834

Ion Ratio Lower Upper

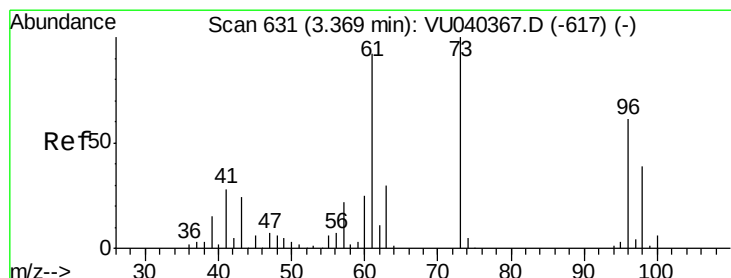
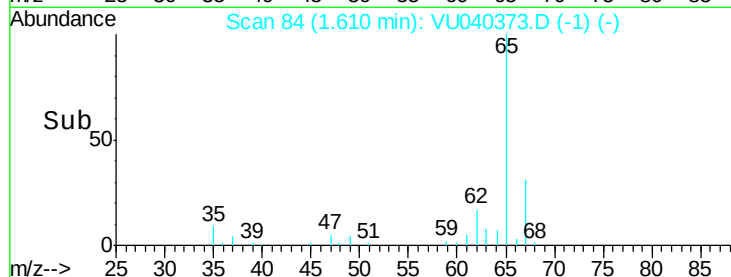
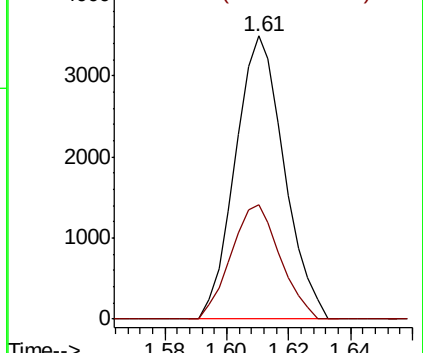
62 100

64 40.5 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.595 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU040373.D

Acq: 29 Sep 2020 21:14

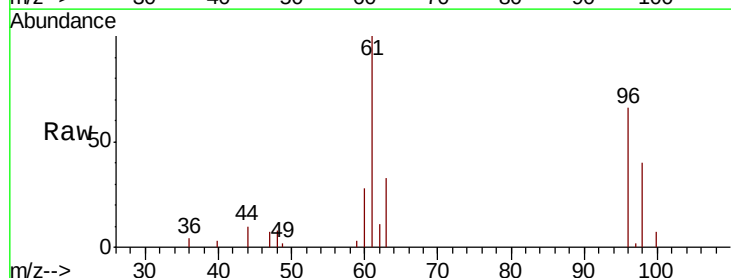
Tgt Ion: 96 Resp: 5930

Ion Ratio Lower Upper

96 100

61 151.8 109.3 203.1

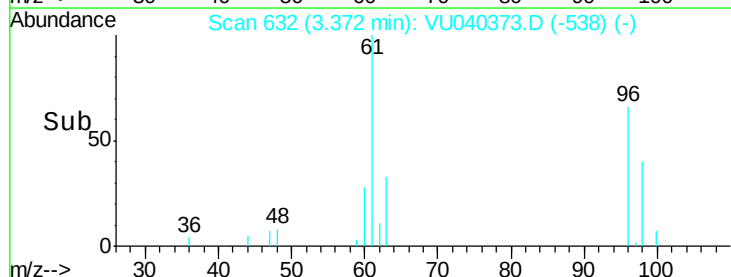
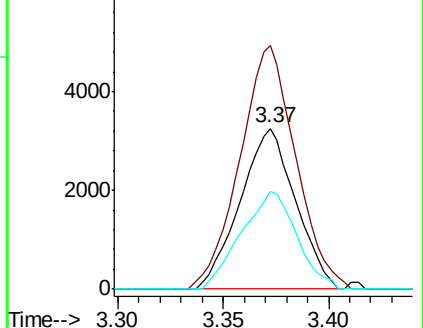
98 60.7 45.8 85.0

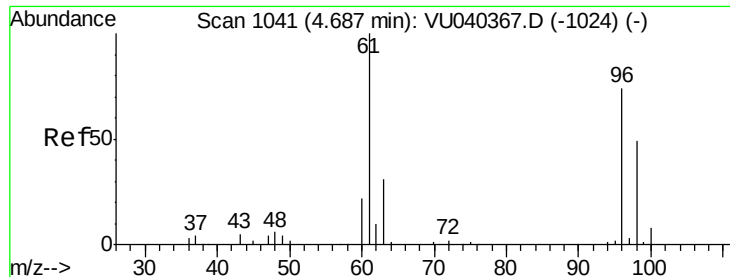


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 34.588 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040373.D

Acq: 29 Sep 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

BG0E1

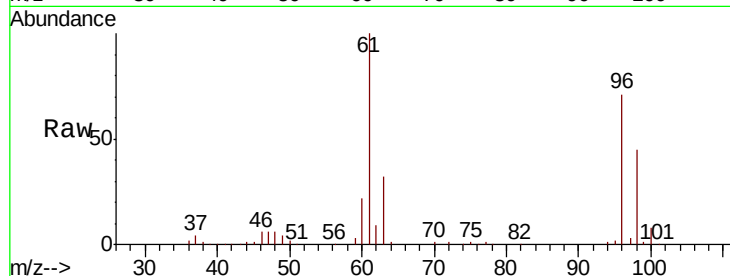
Tot Ion: 96 Resp: 381665

Ion Ratio Lower Upper

96 100

61 141.6 99.3 184.5

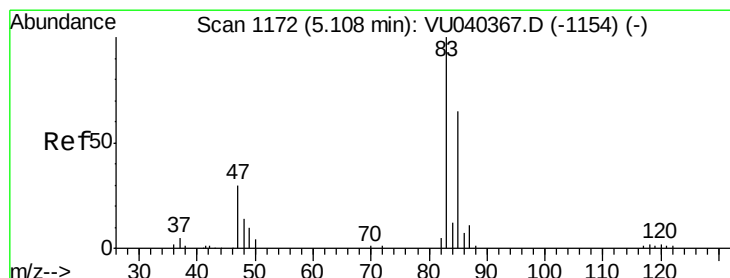
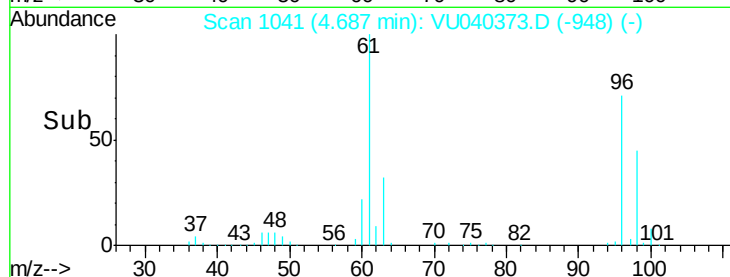
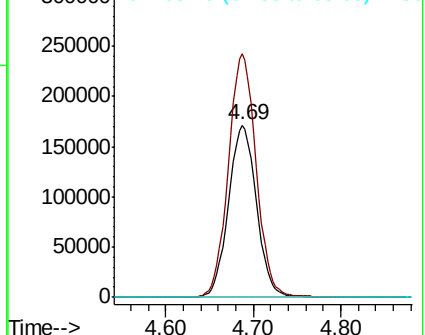
68 0.0 0.0 0.0



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: 0.105 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040373.D

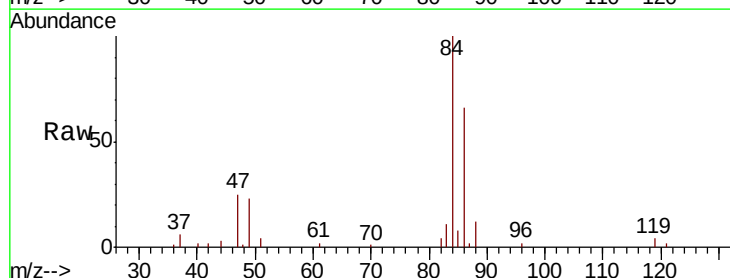
Acq: 29 Sep 2020 21:14

Tgt Ion: 83 Resp: 2187

Ion Ratio Lower Upper

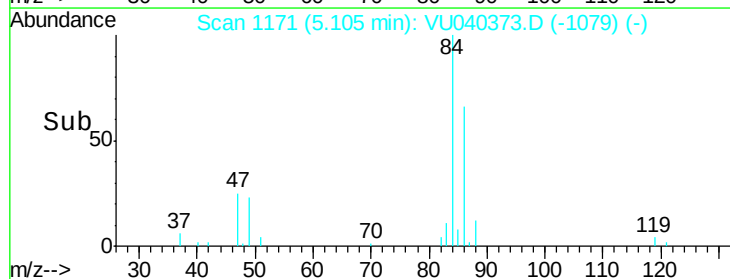
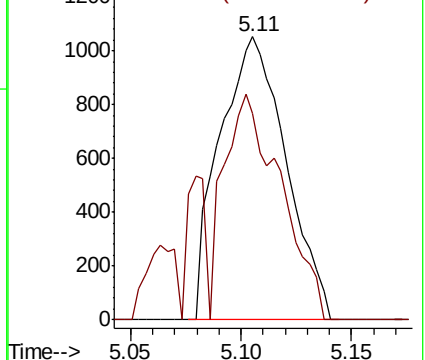
83 100

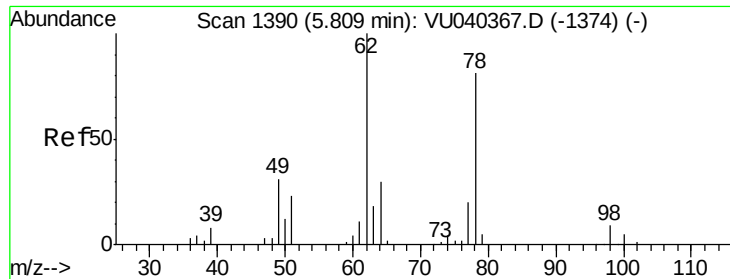
85 72.8 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0

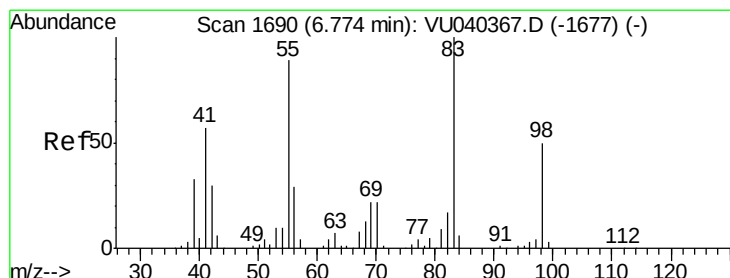
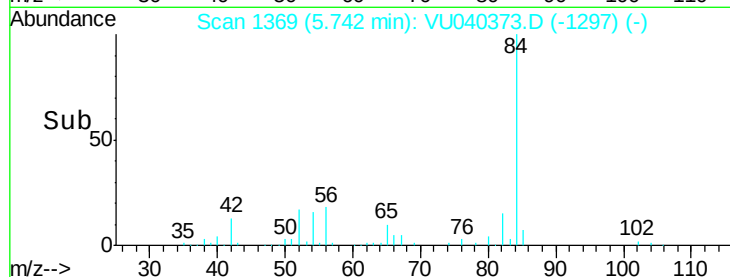
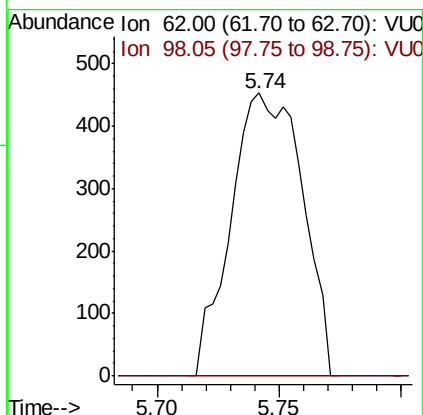
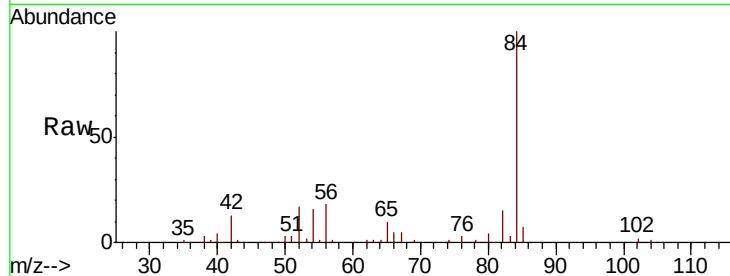




#27
 1,2-Dichloroethane
 Concen: 0.064 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU040373.D
 Acq: 29 Sep 2020 21:14

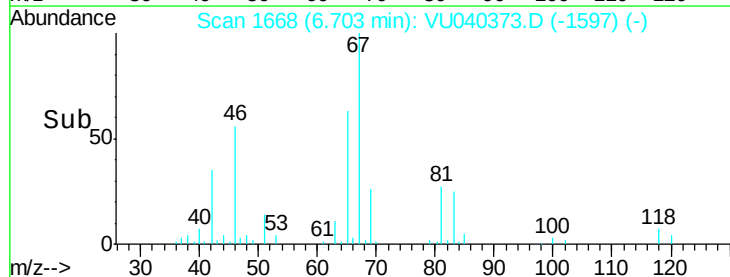
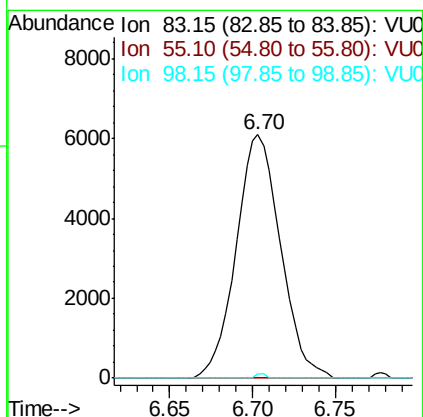
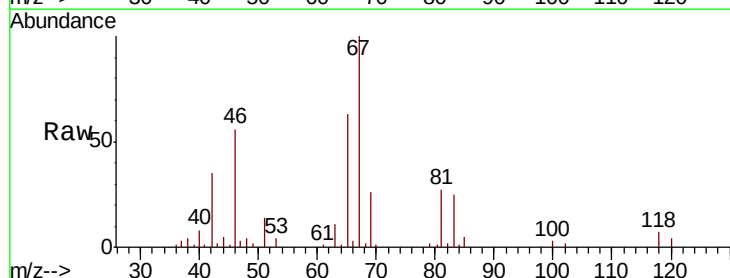
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E1

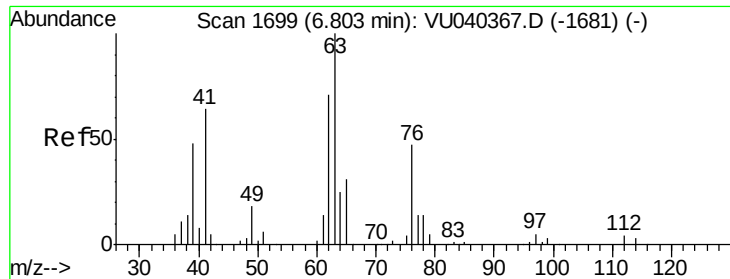
Tot Ion: 62 Resp: 921
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#35
 Methylcyclohexane
 Concen: 0.684 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040373.D
 Acq: 29 Sep 2020 21:14

Tgt Ion: 83 Resp: 11339
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 0.4 38.5 57.7#

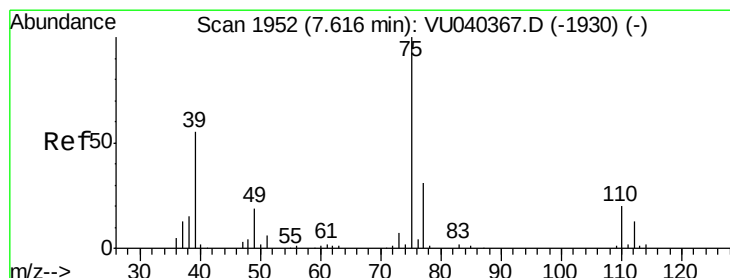
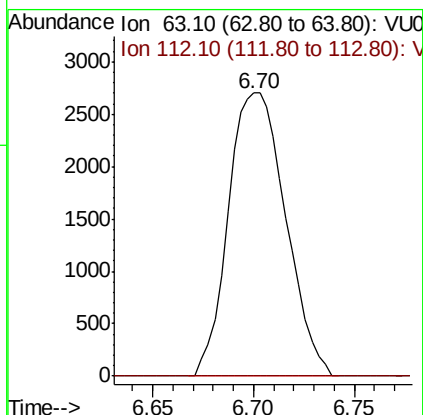
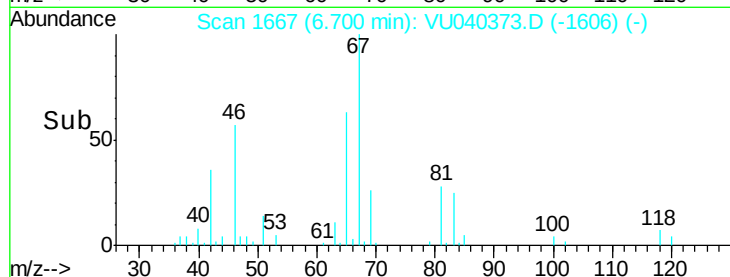
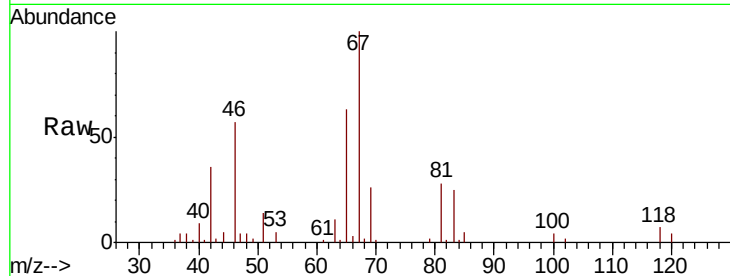




#37
 1,2-Dichloropropane
 Concen: 0.452 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040373.D
 Acq: 29 Sep 2020 21:14

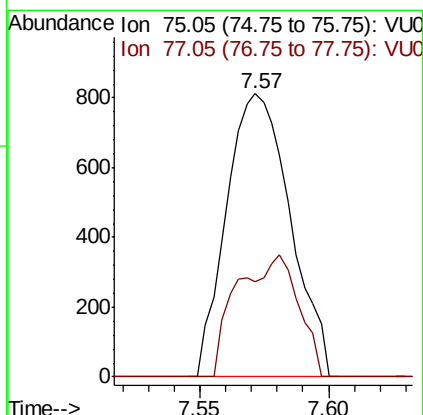
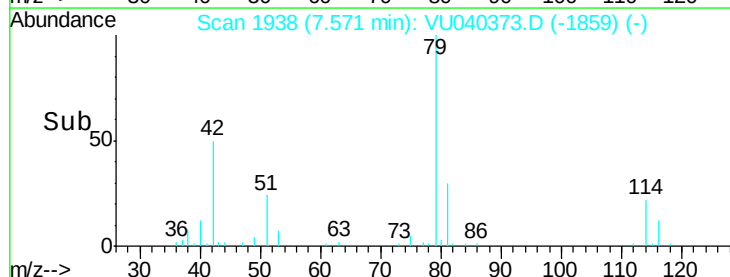
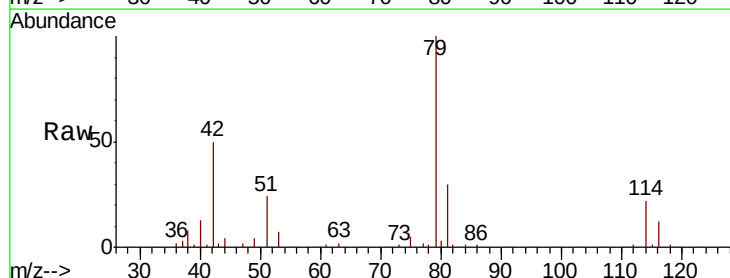
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E1

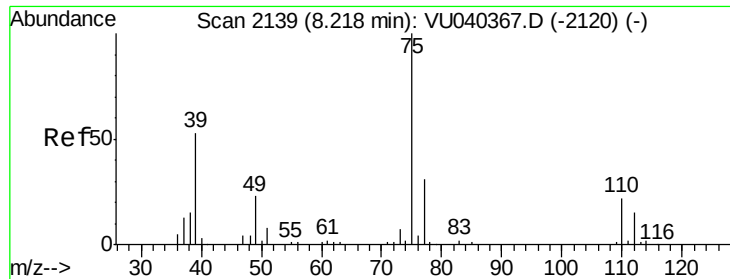
Tot Ion: 63 Resp: 5357
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040373.D
 Acq: 29 Sep 2020 21:14

Tgt Ion: 75 Resp: 1401
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.058 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040373.D

Acq: 29 Sep 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

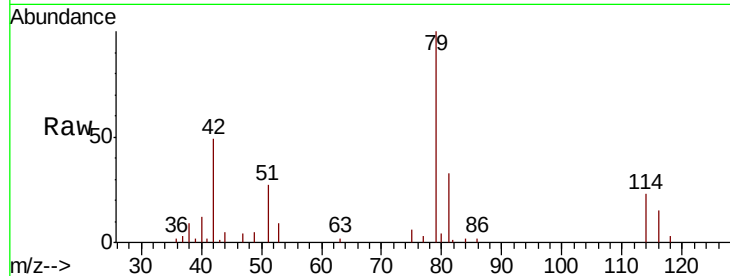
BG0E1

Tot Ion: 75 Resp: 846

Ion Ratio Lower Upper

75 100

77 49.8 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

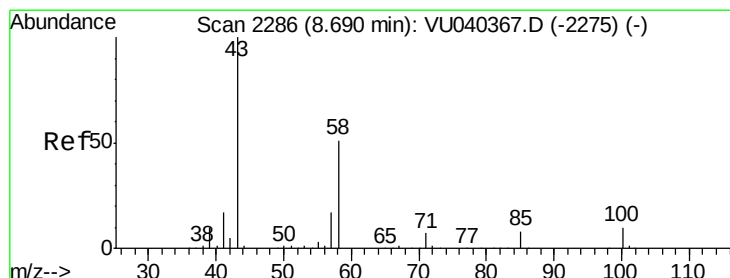
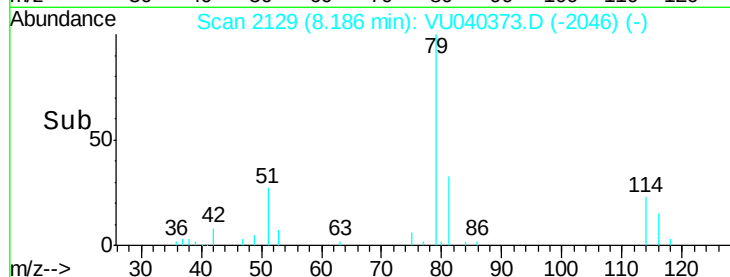
600

400

200

0

Time--> 8.14 8.16 8.18 8.20 8.22



#48

2-Hexanone

Concen: 2.675 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040373.D

Acq: 29 Sep 2020 21:14

Tgt Ion: 43 Resp: 18311

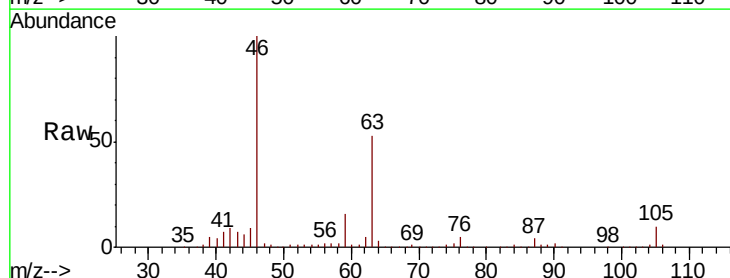
Ion Ratio Lower Upper

43 100

58 26.3 41.0 61.4#

57 24.1 14.6 22.0#

100 1.1 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

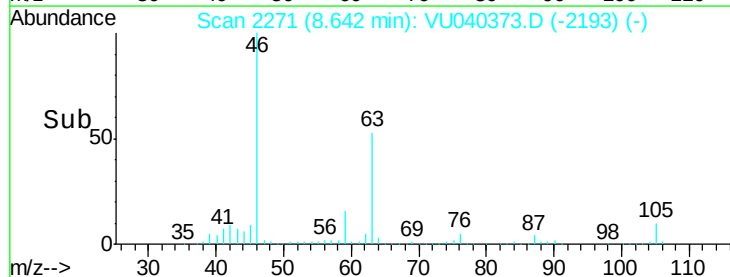
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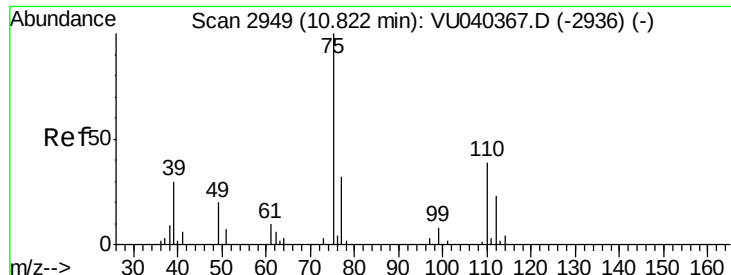
8.64

5000

0

Time--> 8.55 8.60 8.65 8.70 8.75





#59

1,2,3-Trichloropropane

Concen: 0.911 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040373.D

Acq: 29 Sep 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

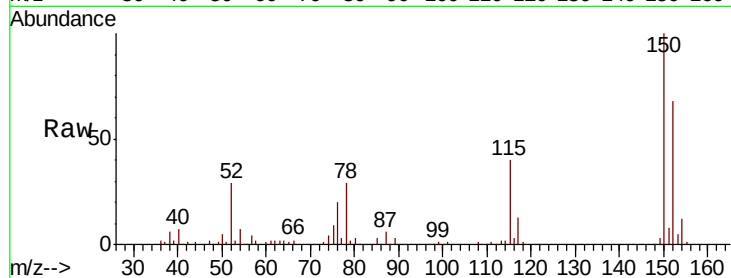
BG0E1

Tot Ion: 75 Resp: 7836

Ion Ratio Lower Upper

75 100

77 38.8 25.7 38.5#



Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

