

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040370.D
 Acq On : 29 Sep 2020 20:05
 Operator : SY/MD
 Sample : L4186-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0D7

Quant Time: Sep 30 02:56:15 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	130118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28475	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	27901	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	46622	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	156291	48.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.68%
24) Chloroform-d	5.08	84	71743	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	45118	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.75	84	125693	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	44858	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.91	98	99035	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	17541	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	107518	46.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43663	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45009	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

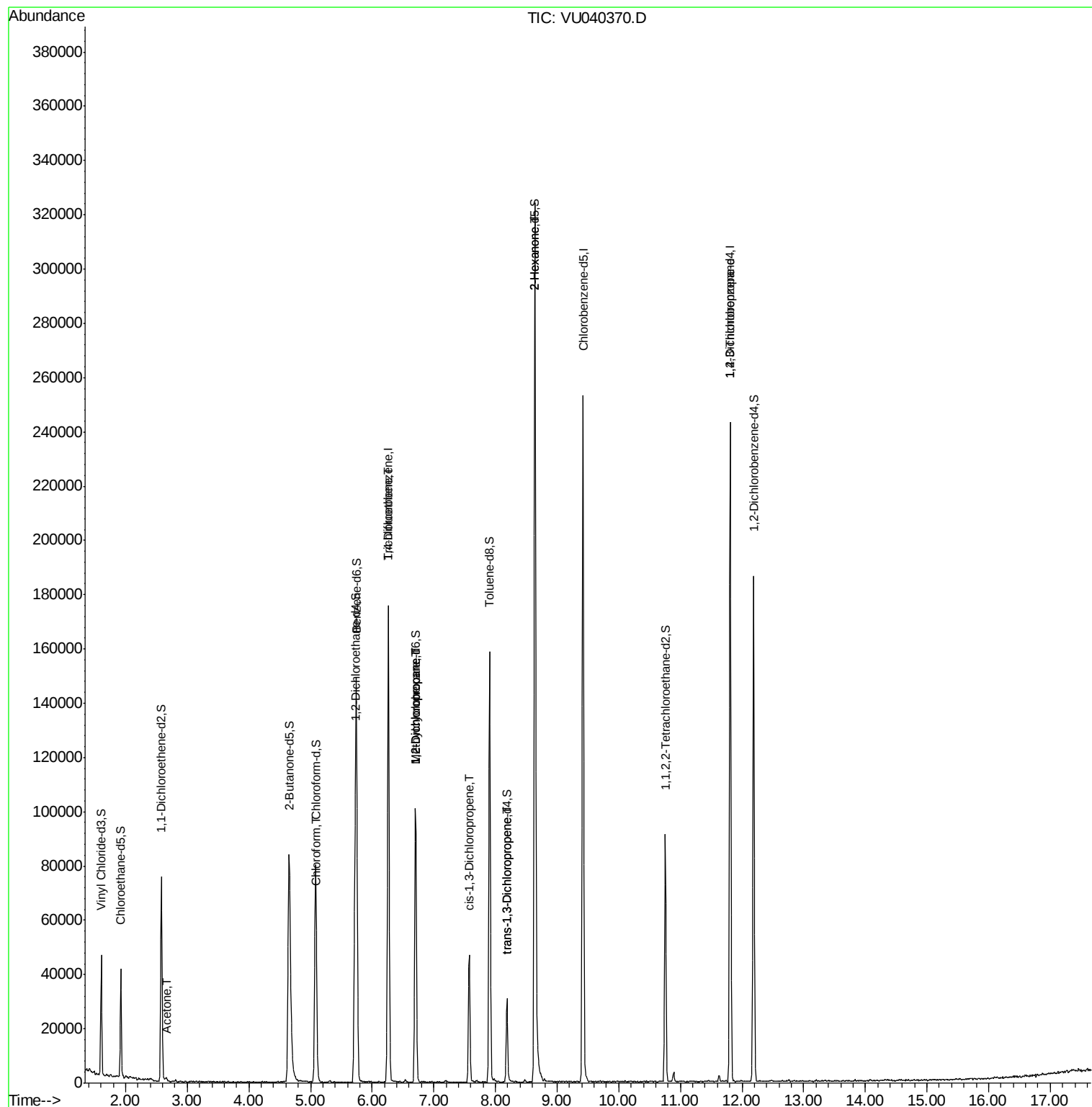
					Ovalue
13) Acetone	2.66	43	1748	0.656 ug/L	99
25) Chloroform	5.11	83	2535	0.118 ug/L	88
34) Trichloroethene	6.27	95	2065	0.176 ug/L #	8
35) Methylcyclohexane	6.70	83	10535	0.611 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5005	0.406 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1166	0.070 ug/L	90
44) trans-1,3-Dichloropropene	8.19	75	914	0.060 ug/L #	58
48) 2-Hexanone	8.64	43	15679	2.202 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	8318	0.930 ug/L	95

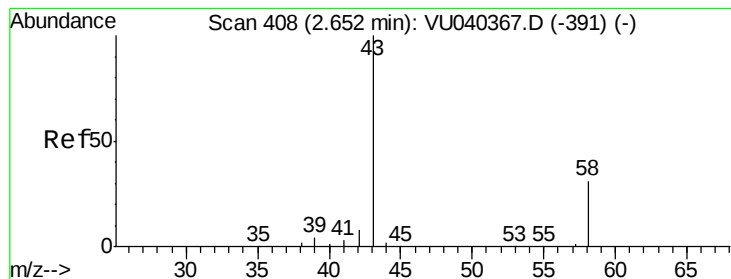
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.656 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU040370.D

Acq: 29 Sep 2020 20:05

Instrument :

MSVOA_U

ClientSampled :

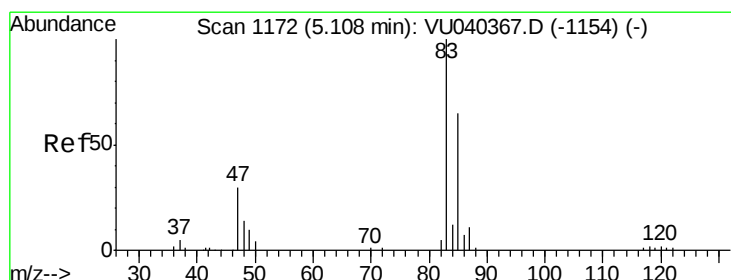
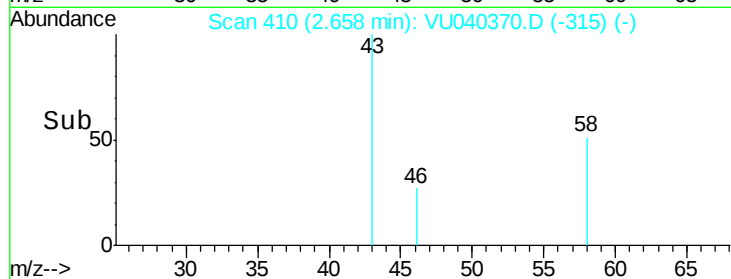
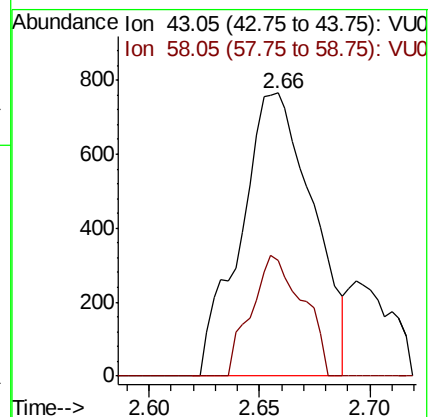
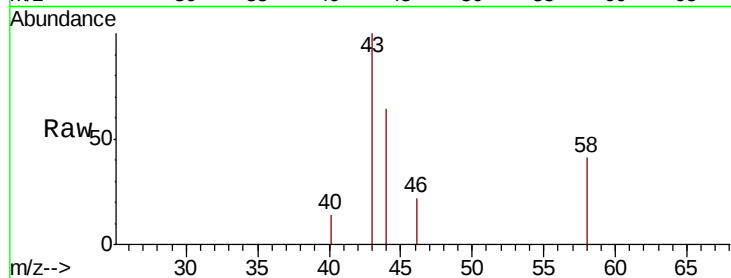
BG0D7

Tot Ion: 43 Resp: 1748

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.8



#25

Chloroform

Concen: 0.118 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040370.D

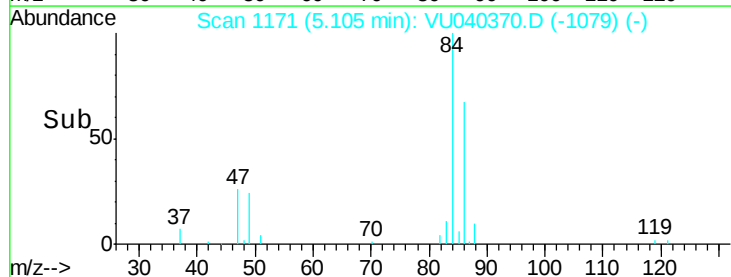
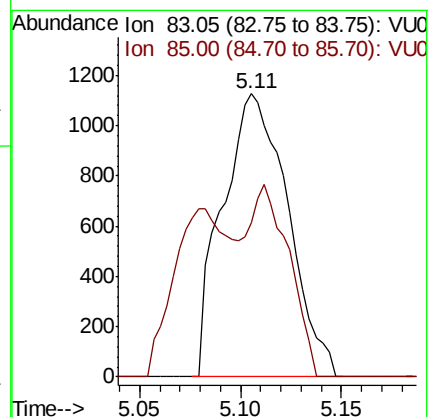
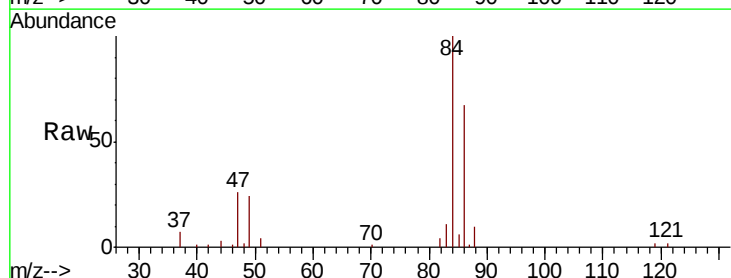
Acq: 29 Sep 2020 20:05

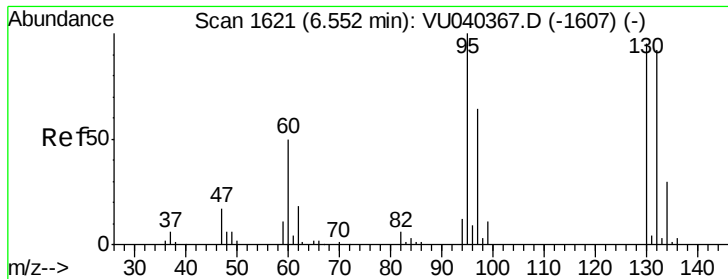
Tgt Ion: 83 Resp: 2535

Ion Ratio Lower Upper

83 100

85 54.5 44.6 82.8

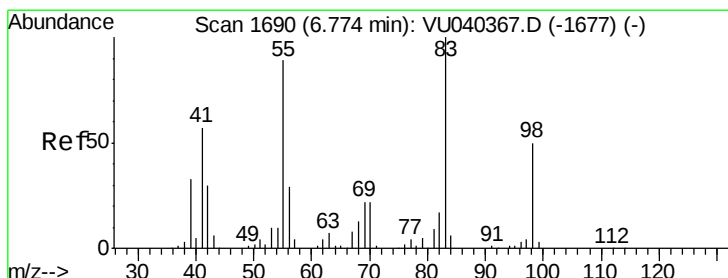
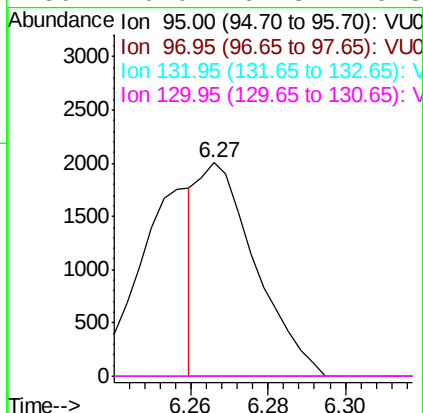
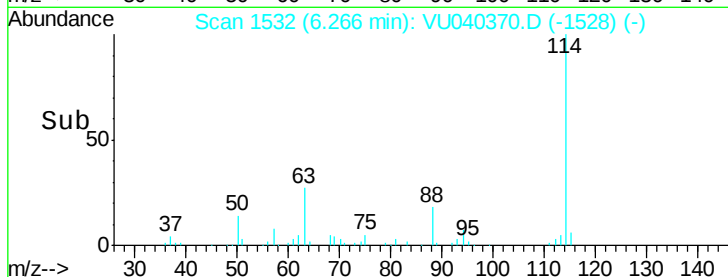
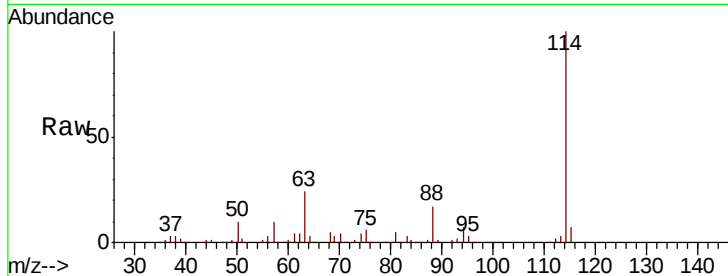




#34
 Trichloroethene
 Concen: 0.176 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040370.D
 Acq: 29 Sep 2020 20:05

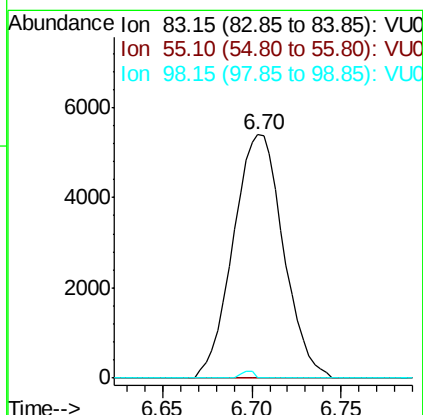
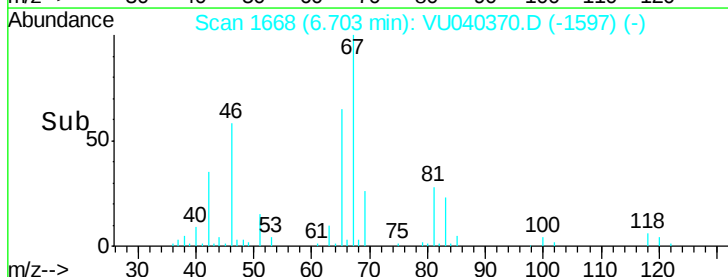
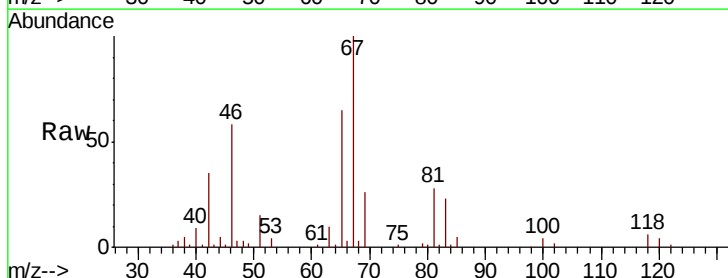
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0D7

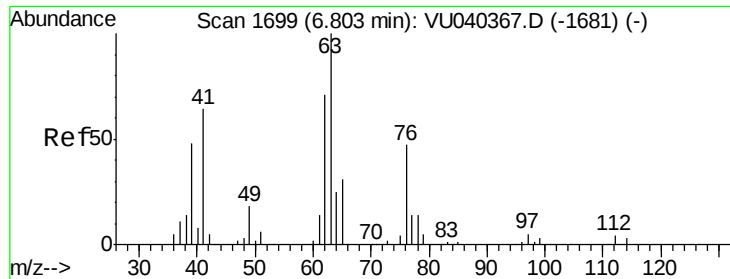
Tot Ion: 95 Resp: 2065
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.3 85.9#
 132 0.0 60.5 112.3#
 130 0.0 64.3 119.3#



#35
 Methylcyclohexane
 Concen: 0.611 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040370.D
 Acq: 29 Sep 2020 20:05

Tgt Ion: 83 Resp: 10535
 Ion Ratio Lower Upper
 83 100
 55 0.0 71.4 107.2#
 98 0.7 38.5 57.7#

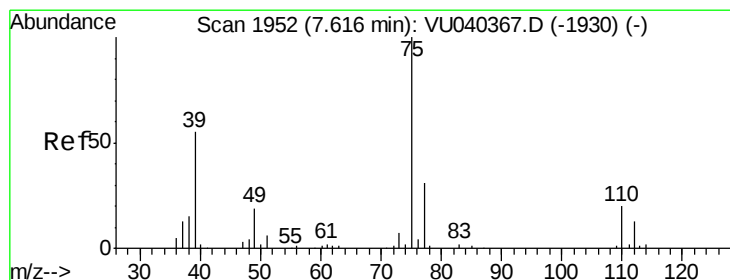
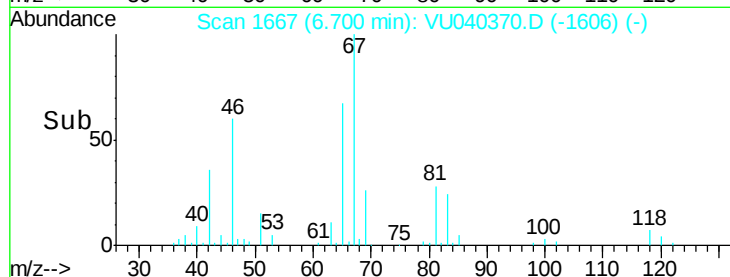
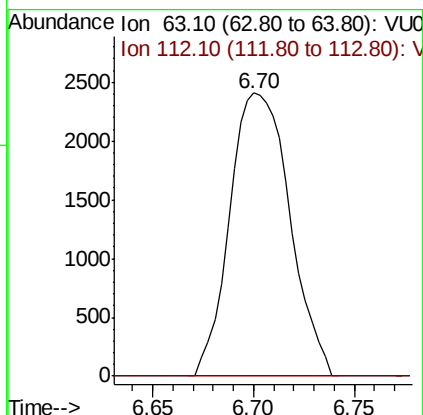
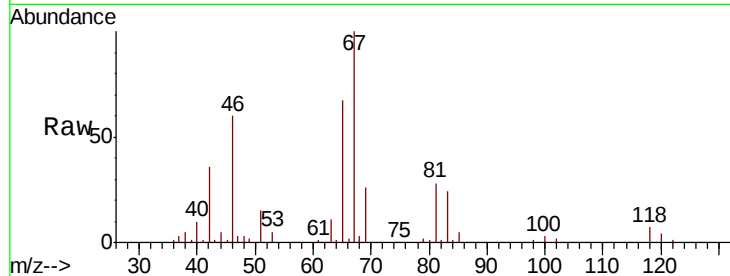




#37
 1,2-Dichloropropane
 Concen: 0.406 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040370.D
 Acq: 29 Sep 2020 20:05

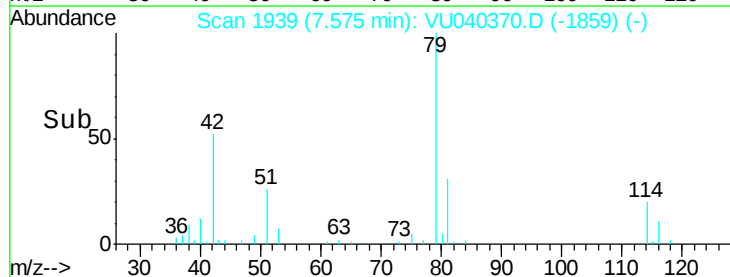
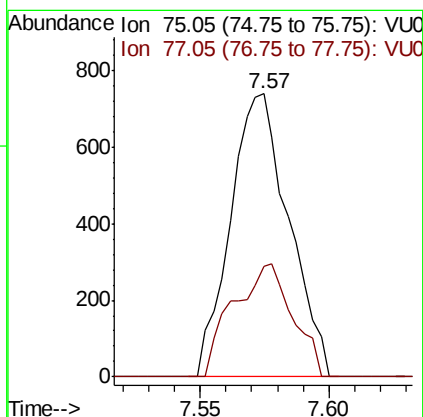
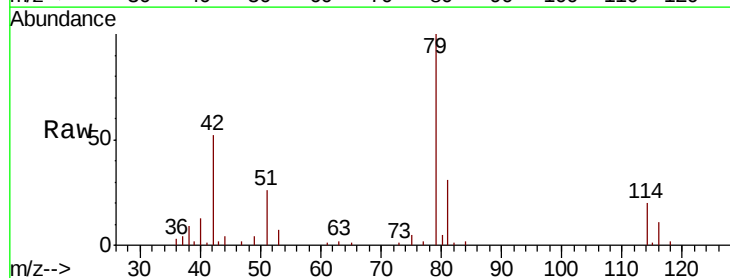
Instrument :
 MSVOA_U
 ClientSampled :
 BG0D7

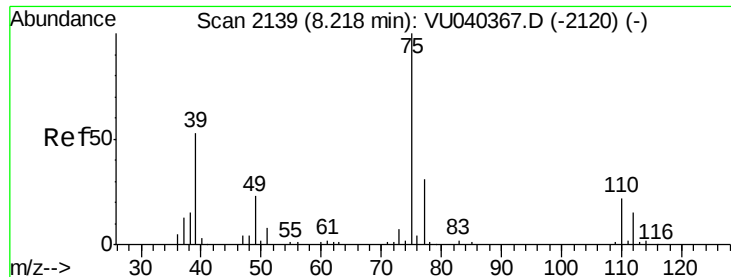
Tot Ion: 63 Resp: 5005
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.070 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040370.D
 Acq: 29 Sep 2020 20:05

Tgt Ion: 75 Resp: 1166
 Ion Ratio Lower Upper
 75 100
 77 39.2 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040370.D

Acq: 29 Sep 2020 20:05

Instrument :

MSVOA_U

ClientSampleId :

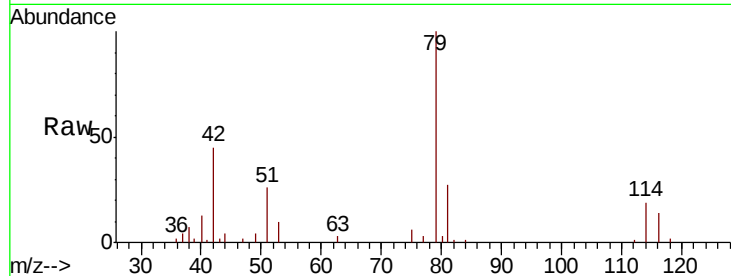
BG0D7

Tot Ion: 75 Resp: 914

Ion Ratio Lower Upper

75 100

77 54.9 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

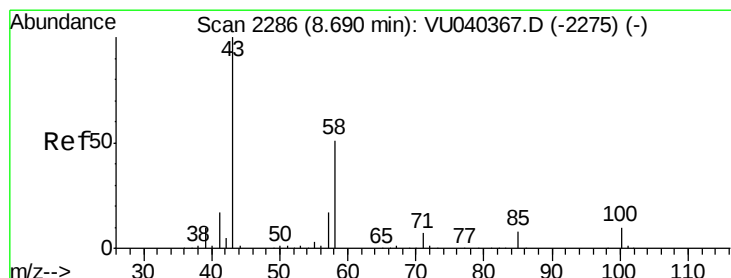
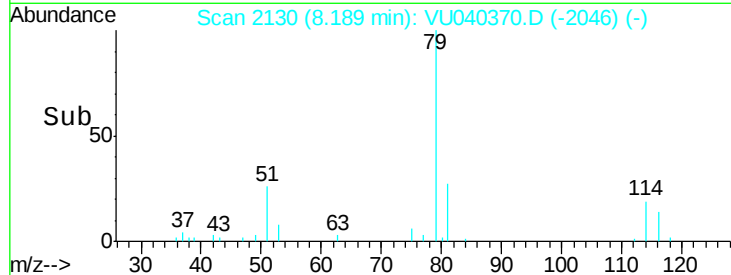
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 2.202 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU040370.D

Acq: 29 Sep 2020 20:05

Tgt Ion: 43 Resp: 15679

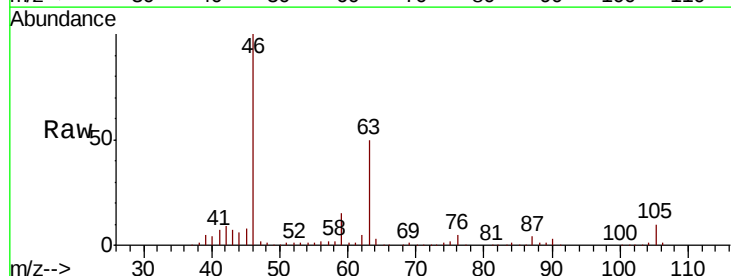
Ion Ratio Lower Upper

43 100

58 28.8 41.0 61.4#

57 28.2 14.6 22.0#

100 1.4 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

8.64

12000

10000

8000

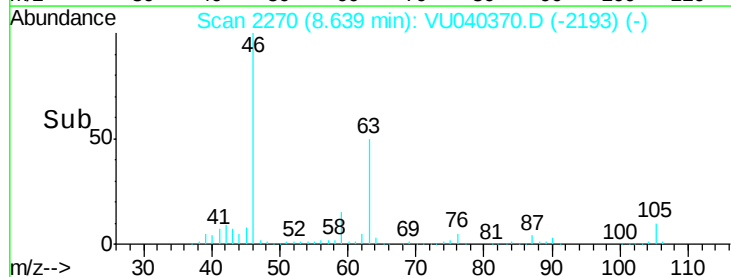
6000

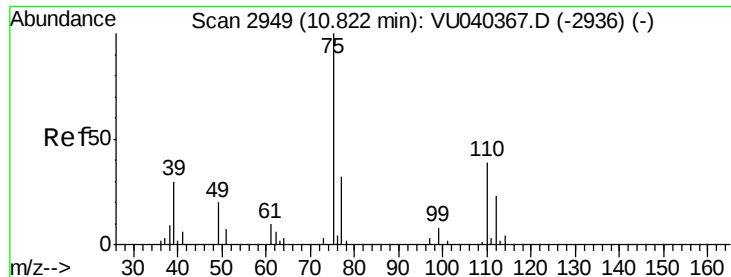
4000

2000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.930 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040370.D

Acq: 29 Sep 2020 20:05

Instrument :

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ClientSampleId :

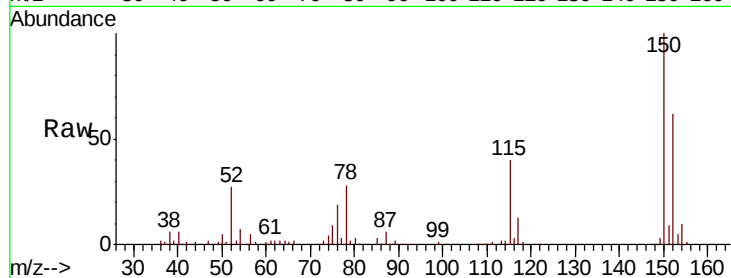
BG0D7

Tot Ion: 75 Resp: 8318

Ion Ratio Lower Upper

75 100

77 34.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

