

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110420\
 Data File : VU041102.D
 Acq On : 04 Nov 2020 16:25
 Operator : SY/MD
 Sample : L4575-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 00:52:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 05 00:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	48937	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19242	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.92	69	15954	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	29984	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.64	46	73267	54.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.24%
24) Chloroform-d	5.08	84	38537	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.72	65	24708	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.74	84	71512	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	25124	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	7.90	98	60504	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.19	79	9486	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.64	63	51049	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20977	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	22984	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

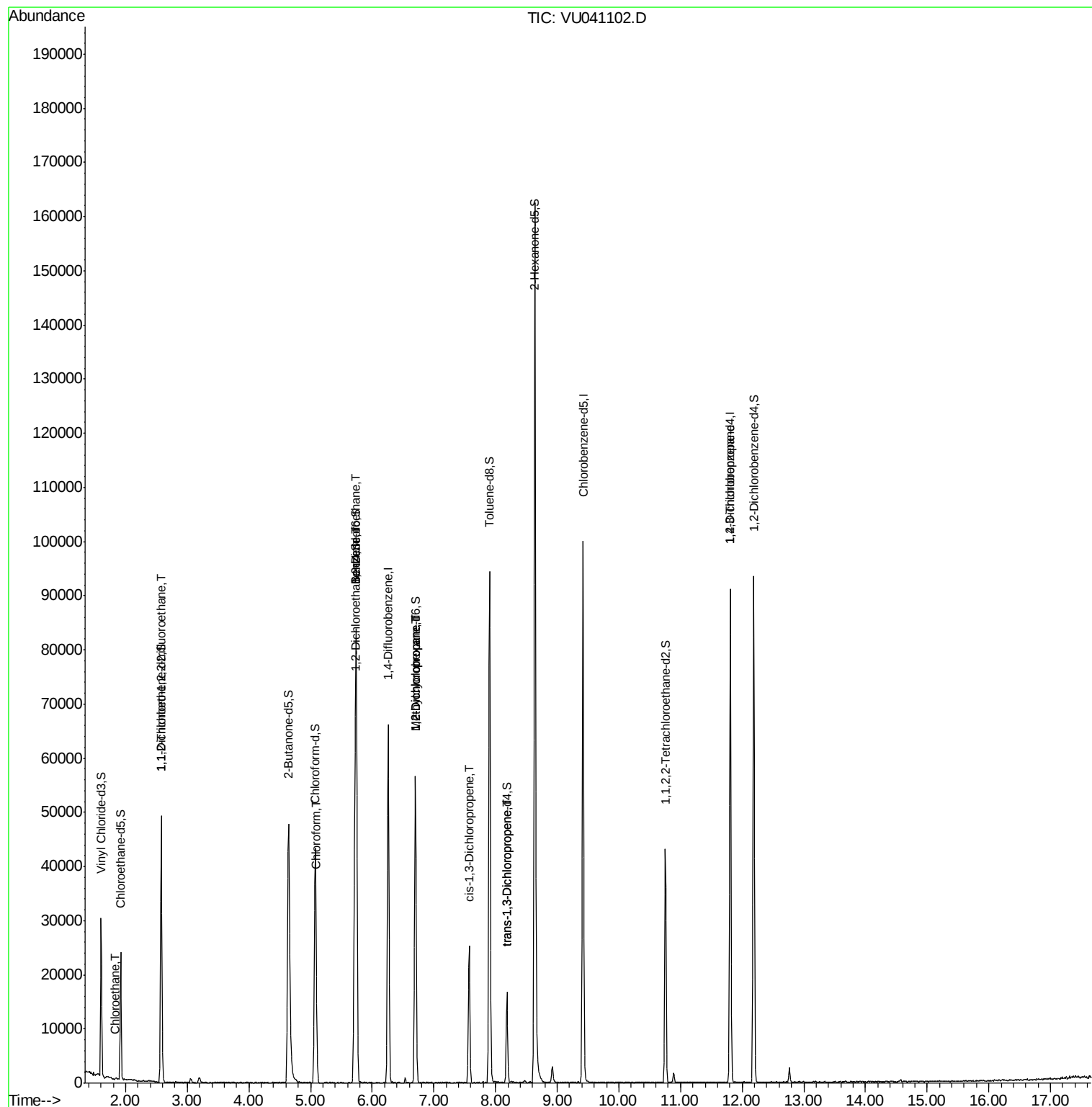
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.83	64	91	0.031	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	198	0.054	ug/L #	22
25) Chloroform	5.10	83	719	0.102	ug/L	85
27) 1,2-Dichloroethane	5.75	62	407	0.078	ug/L #	74
33) Benzene	5.74	78	534	0.035	ug/L	100
35) Methylcyclohexane	6.70	83	5308	0.913	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	2844	0.686	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	568	0.100	ug/L #	67
44) trans-1,3-Dichloropropene	8.19	75	401	0.075	ug/L	88
59) 1,2,3-Trichloropropane	11.81	75	3104	1.005	ug/L	94

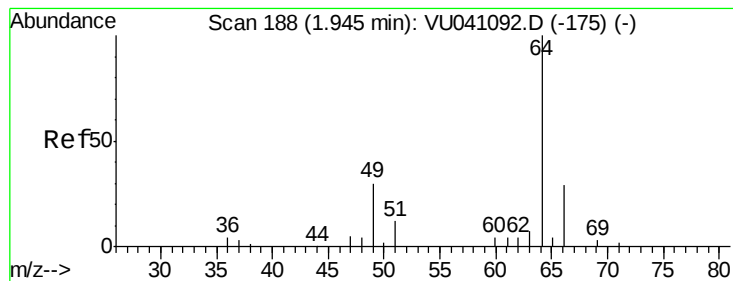
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 05 00:43:32 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.031 ug/L

RT: 1.83 min Scan# 152

Delta R.T. -0.12 min

Lab File: VU041102.D

Acq: 04 Nov 2020 16:25

Instrument :

MSVOA_U

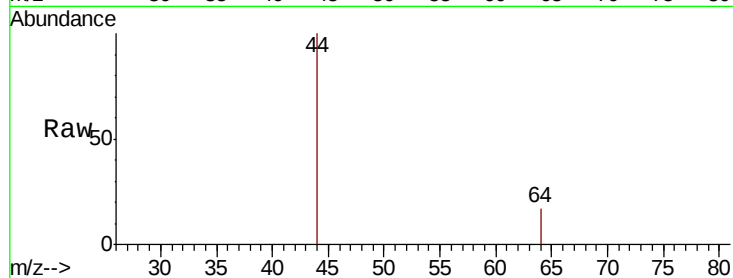
ClientSampled :

Tot Ion: 64 Resp: 91

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU041102.D (-95) (-)

Ion 66.05 (65.75 to 66.75): VU041102.D (-95) (-)

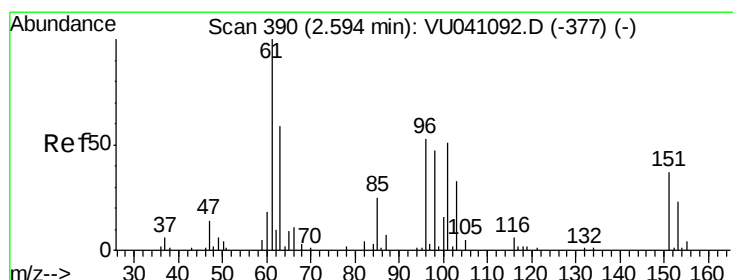
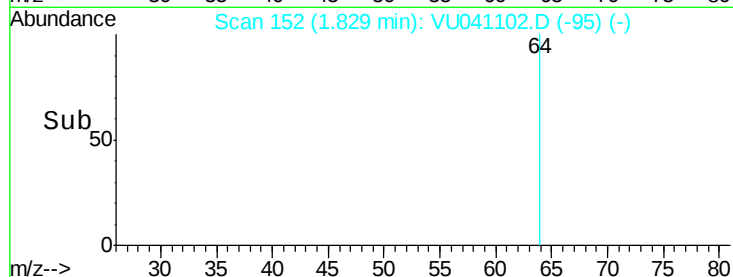
1.83

100

50

0

Time-->



#10

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

Concen: 0.054 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041102.D

Acq: 04 Nov 2020 16:25

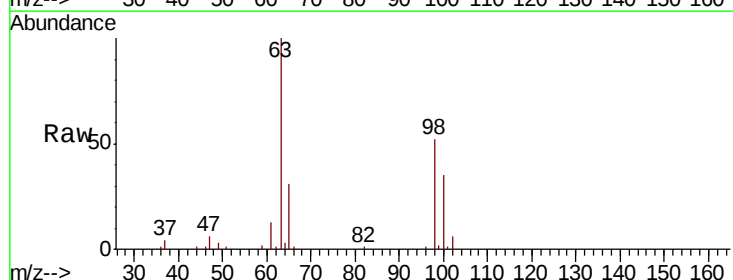
Tgt Ion: 101 Resp: 198

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): VU041102.D (-297) (-)

Ion 85.00 (84.70 to 85.70): VU041102.D (-297) (-)

Ion 151.00 (150.70 to 151.70): VU041102.D (-297) (-)

2.58

250

200

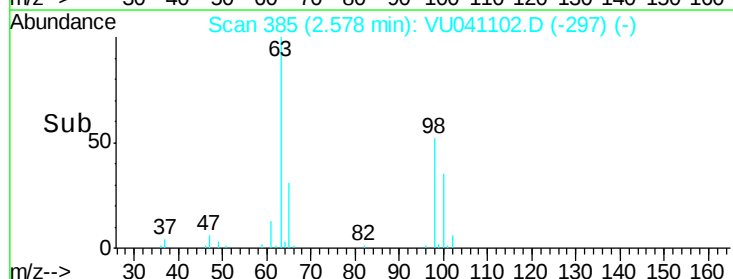
150

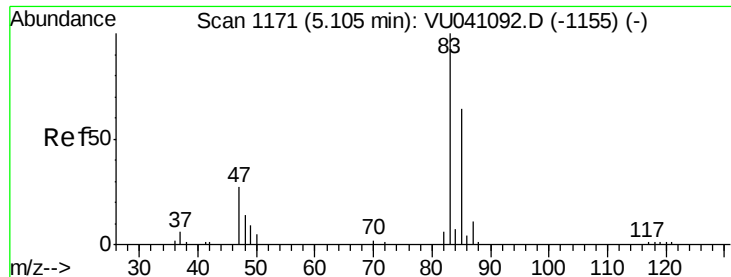
100

50

0

Time-->

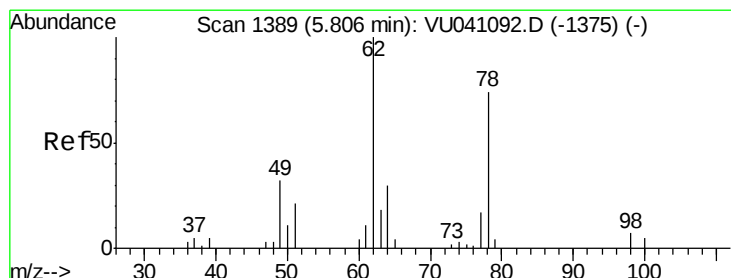
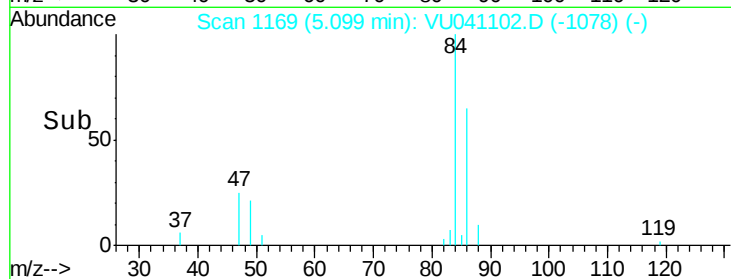
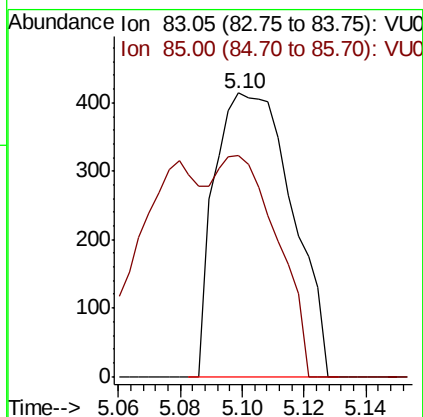
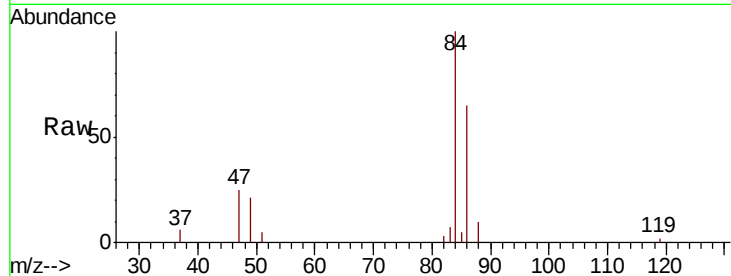




#25
Chloroform
Concen: 0.102 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041102.D
Acq: 04 Nov 2020 16:25

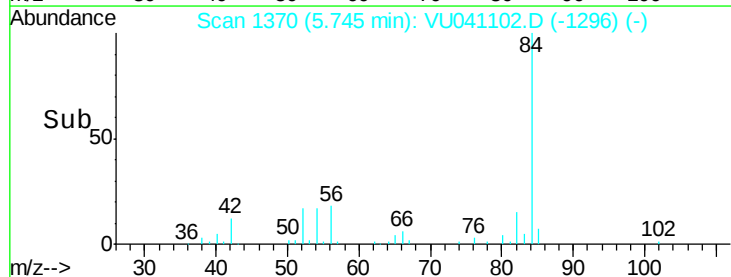
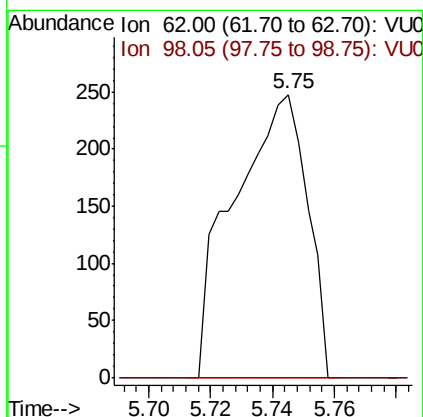
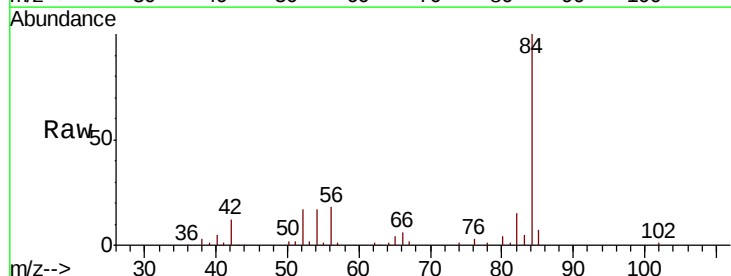
Instrument :
MSVOA_U
ClientSampleId :

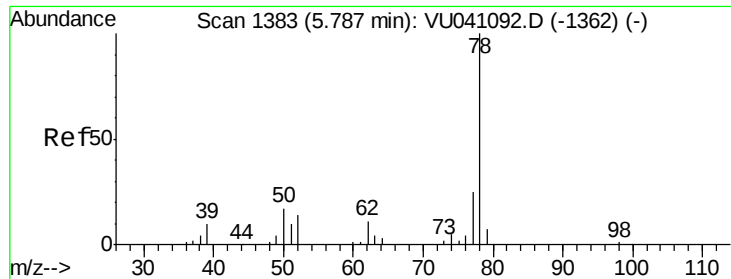
Tot Ion: 83 Resp: 719
Ion Ratio Lower Upper
83 100
85 78.0 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041102.D
Acq: 04 Nov 2020 16:25

Tgt Ion: 62 Resp: 407
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

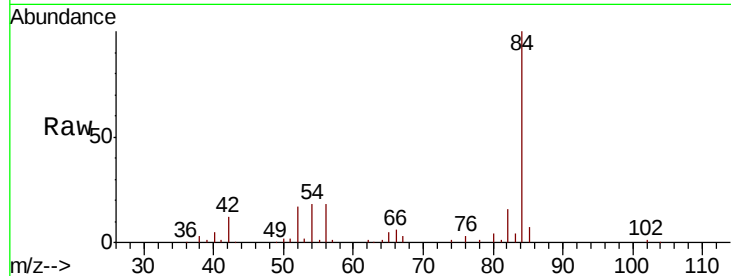




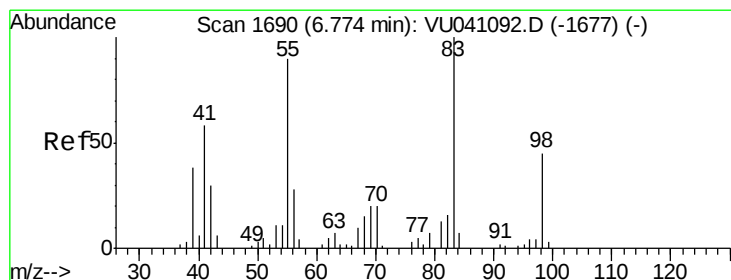
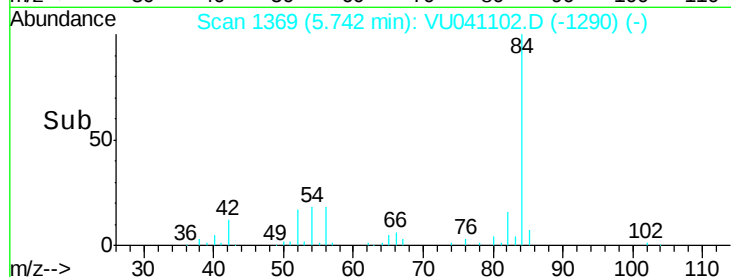
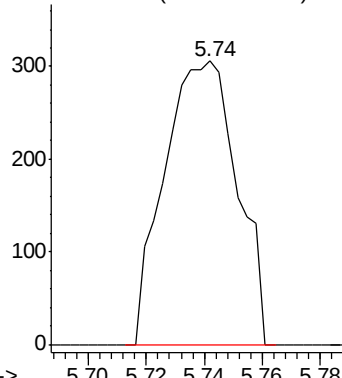
#33
Benzene
Concen: 0.035 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.05 min
Lab File: VU041102.D
Acq: 04 Nov 2020 16:25

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 78 Resp: 534

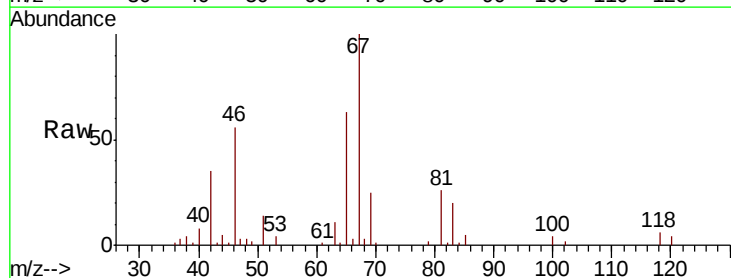


Abundance Ion 78.10 (77.80 to 78.80): VU0



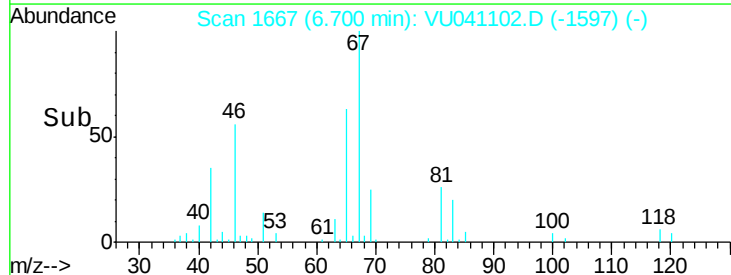
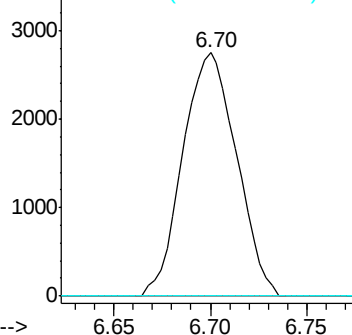
#35
Methylcyclohexane
Concen: 0.913 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041102.D
Acq: 04 Nov 2020 16:25

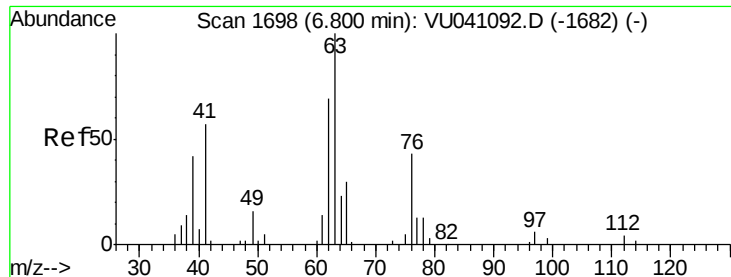
Tgt Ion: 83 Resp: 5308
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 2.7 36.6 55.0#



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

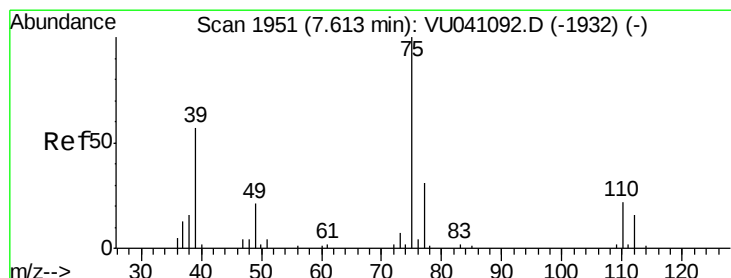
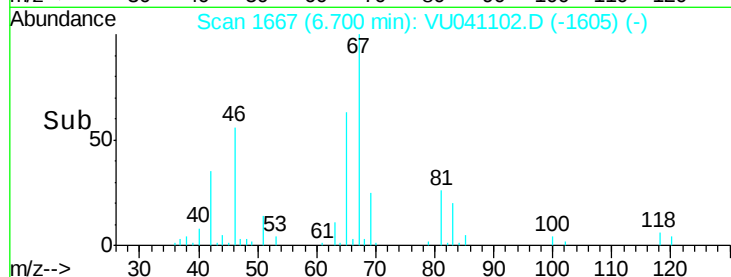
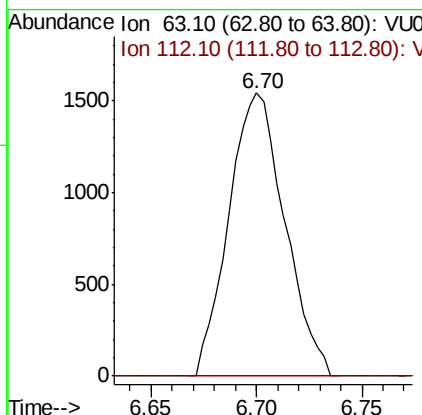
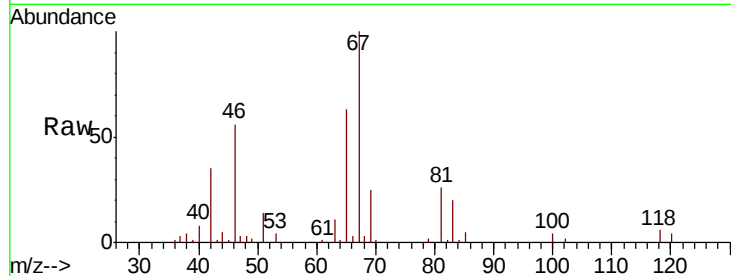




#37
 1,2-Dichloropropane
 Concen: 0.686 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041102.D
 Acq: 04 Nov 2020 16:25

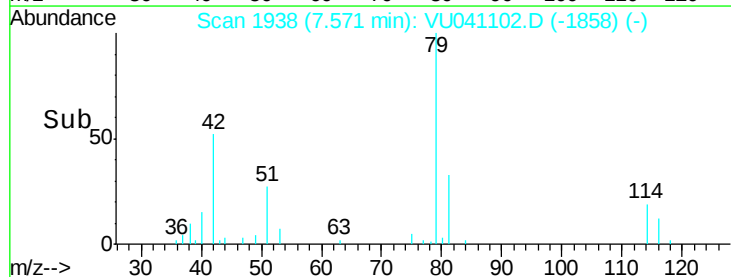
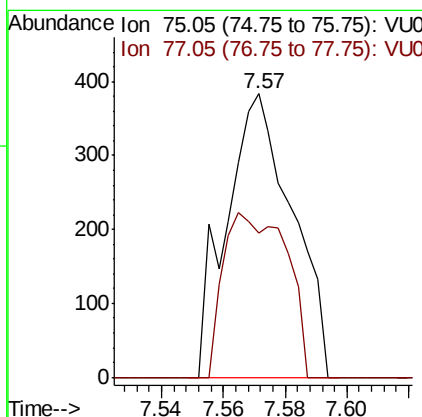
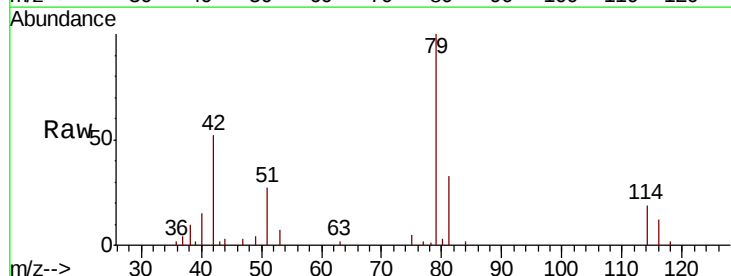
Instrument :
 MSVOA_U
 ClientSampleId :

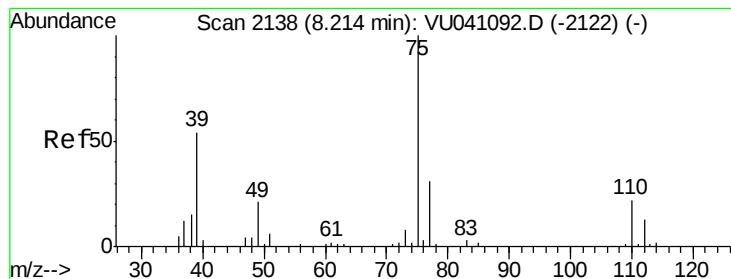
Tot Ion: 63 Resp: 2844
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041102.D
 Acq: 04 Nov 2020 16:25

Tgt Ion: 75 Resp: 568
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041102.D

Acq: 04 Nov 2020 16:25

Instrument :

MSVOA_U

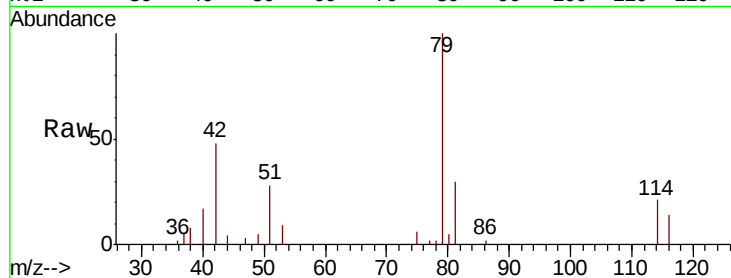
ClientSampleId :

Tot Ion: 75 Resp: 401

Ion Ratio Lower Upper

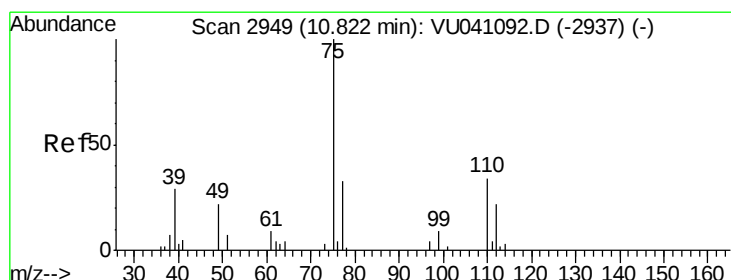
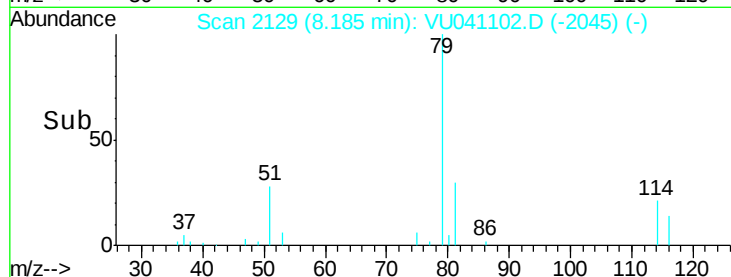
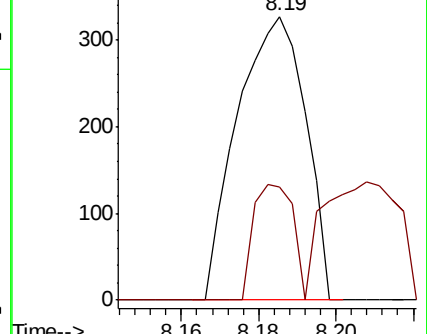
75 100

77 40.1 23.3 43.3



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: 1.005 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041102.D

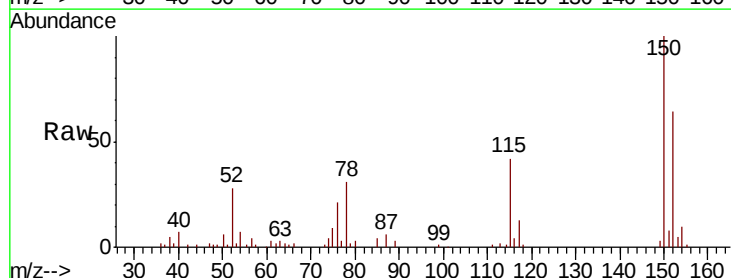
Acq: 04 Nov 2020 16:25

Tgt Ion: 75 Resp: 3104

Ion Ratio Lower Upper

75 100

77 35.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

