

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041054.D
 Acq On : 02 Nov 2020 16:34
 Operator : SY/MD
 Sample : L4550-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:49:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22778	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19558	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	15636	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.58	63	29270	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.65	46	79292	55.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.26%
24) Chloroform-d	5.08	84	36254	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.72	65	23604	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	67271	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	23206	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	55599	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	8.19	79	9607	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	55966	51.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21504	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	21048	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

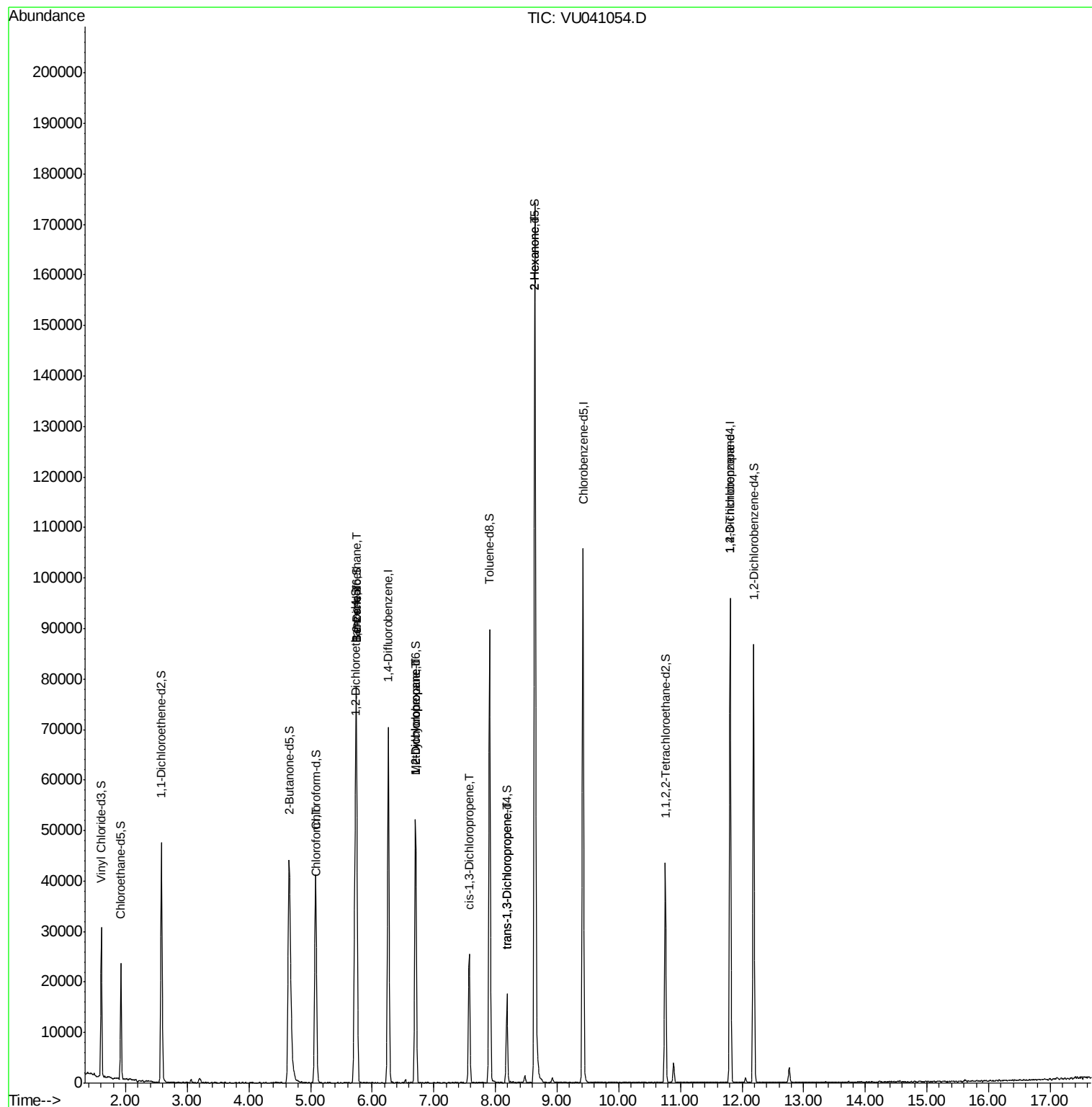
					Ovalue
25) Chloroform	5.10	83	580	0.078 ug/L #	74
27) 1,2-Dichloroethane	5.74	62	412	0.075 ug/L #	74
33) Benzene	5.75	78	519	0.033 ug/L	100
35) Methylcyclohexane	6.70	83	5438	0.902 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	2723	0.634 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	638	0.108 ug/L #	80
44) trans-1,3-Dichloropropene	8.18	75	406	0.073 ug/L	96
48) 2-Hexanone	8.64	43	8346	3.236 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	3327	1.039 ug/L	97

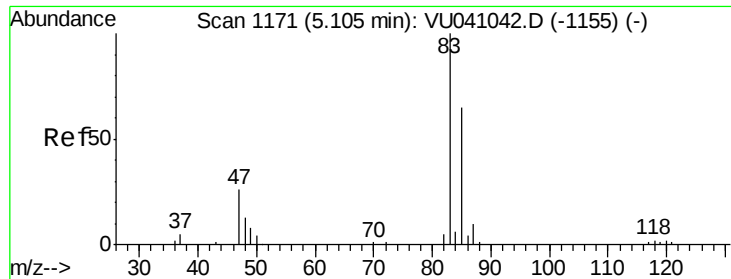
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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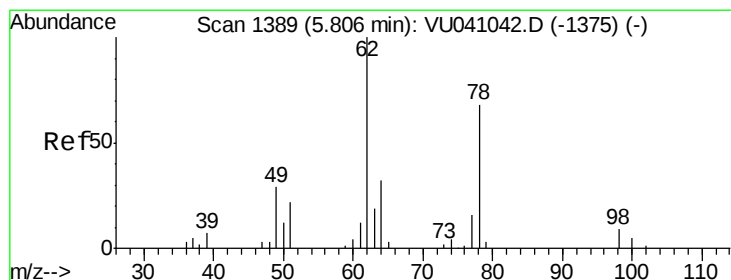
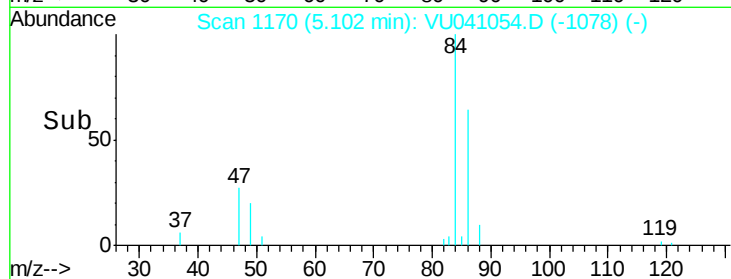
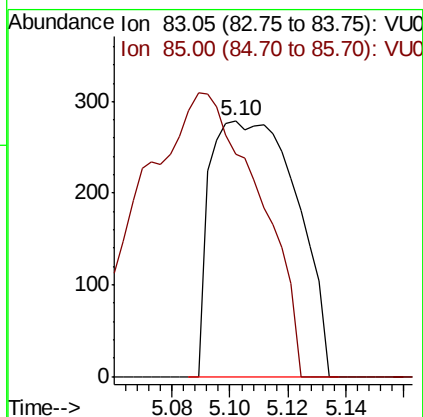
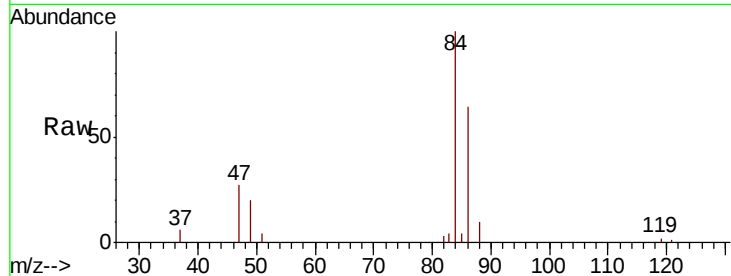




#25
Chloroform
Concen: 0.078 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041054.D
Acq: 02 Nov 2020 16:34

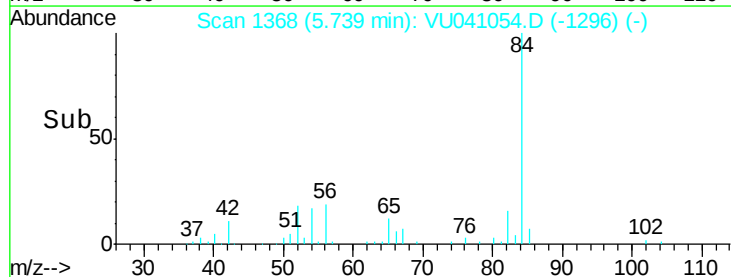
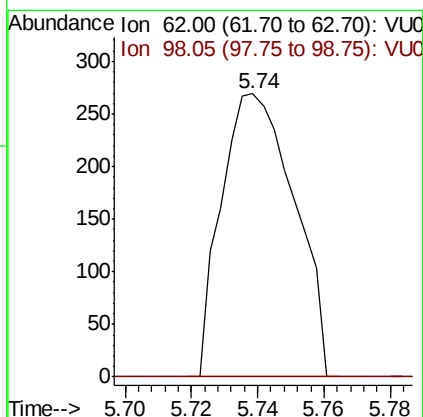
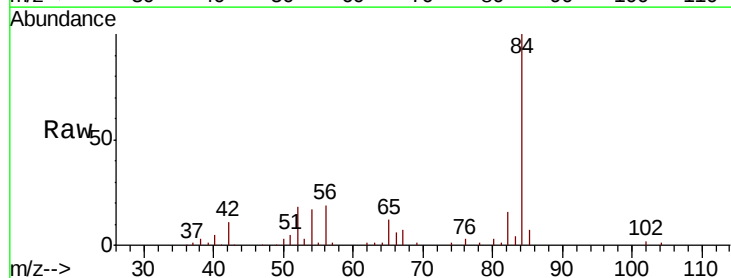
Instrument :
MSVOA_U
ClientSampleId :

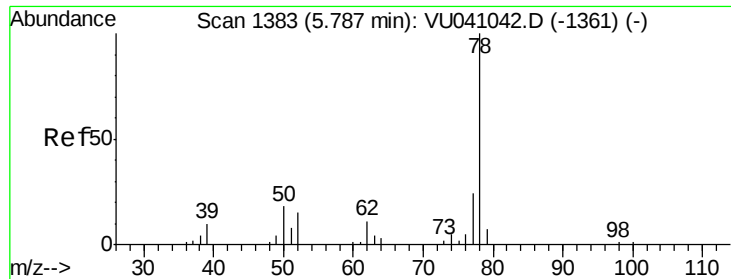
Tot Ion: 83 Resp: 580
Ion Ratio Lower Upper
83 100
85 86.7 46.1 85.7#



#27
1,2-Dichloroethane
Concen: 0.075 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041054.D
Acq: 02 Nov 2020 16:34

Tgt Ion: 62 Resp: 412
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

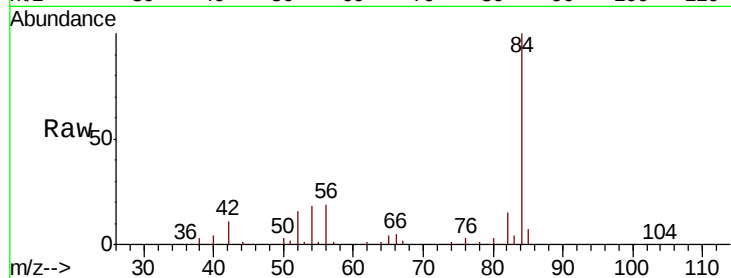




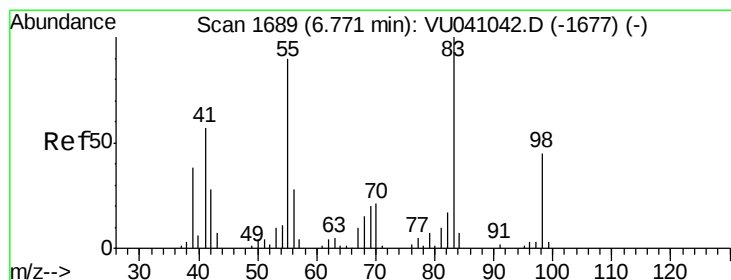
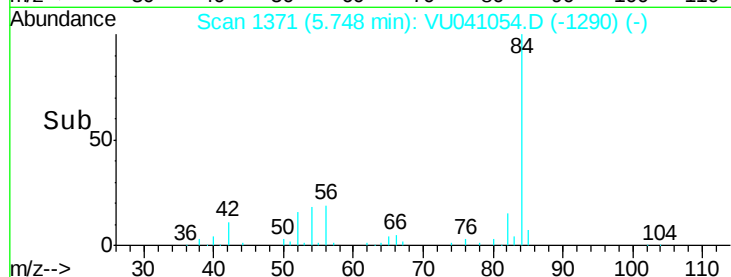
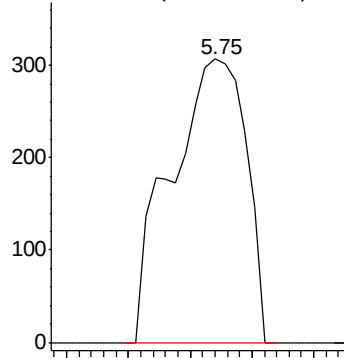
#33
Benzene
Concen: 0.033 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU041054.D
Acq: 02 Nov 2020 16:34

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 78 Resp: 519

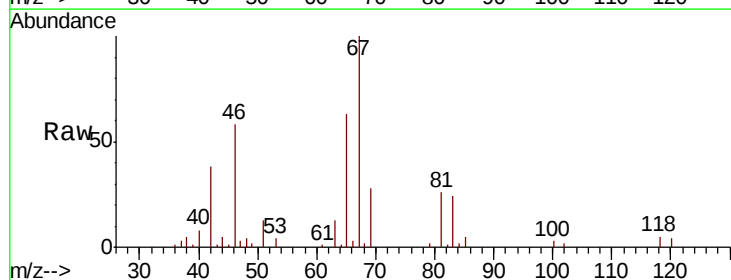


Abundance Ion 78.10 (77.80 to 78.80): VU0



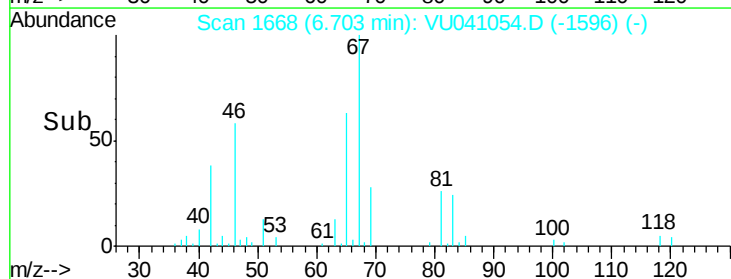
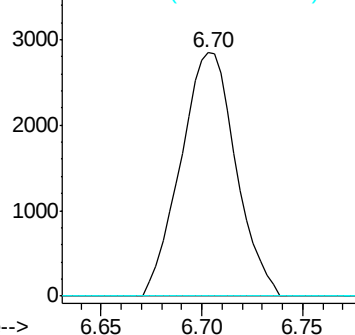
#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041054.D
Acq: 02 Nov 2020 16:34

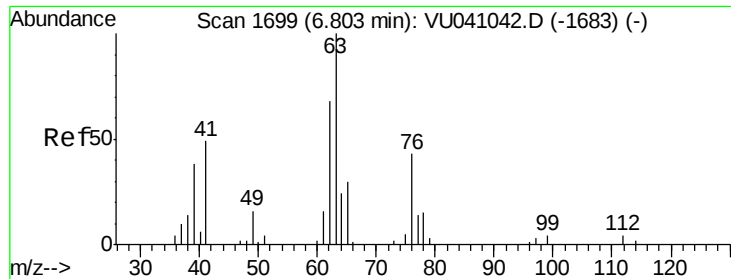
Tgt Ion: 83 Resp: 5438
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 2.6 36.6 55.0#



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

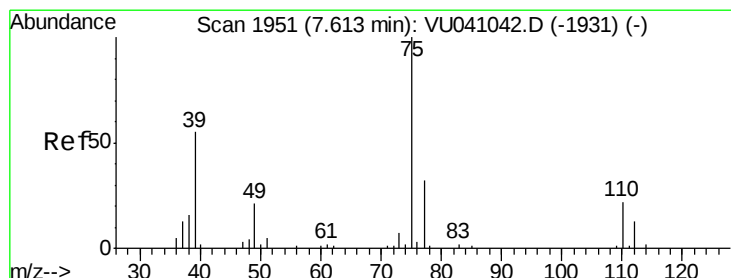
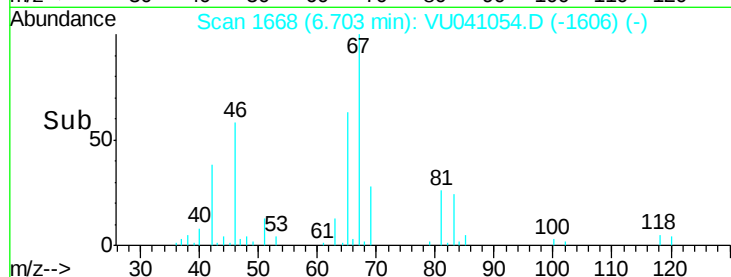
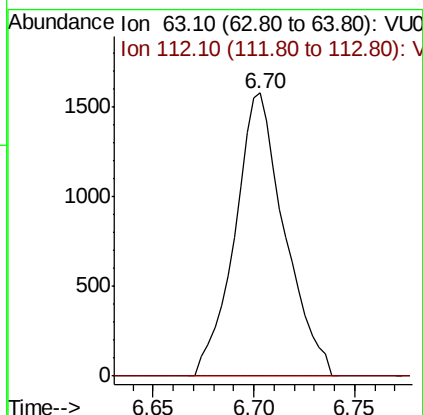
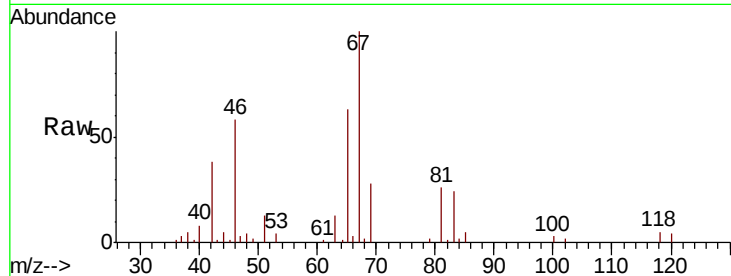




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041054.D
 Acq: 02 Nov 2020 16:34

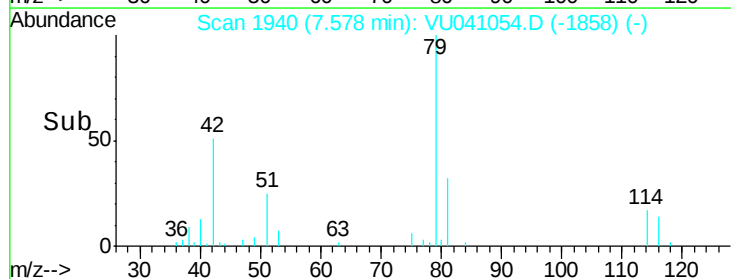
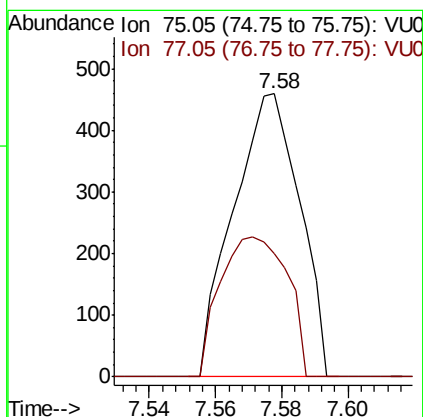
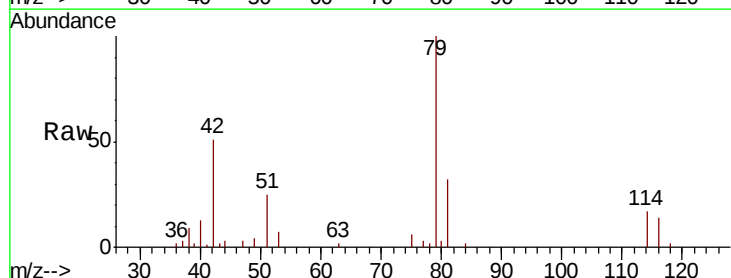
Instrument :
 MSVOA_U
 ClientSampleId :

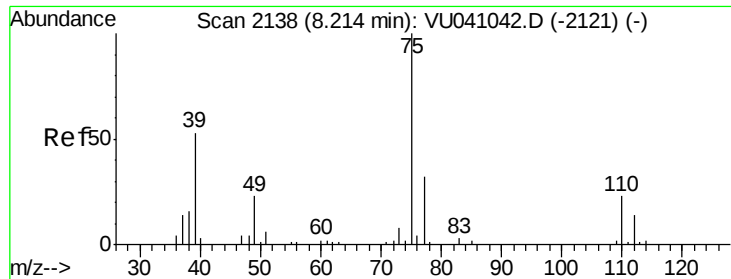
Tot Ion: 63 Resp: 2723
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041054.D
 Acq: 02 Nov 2020 16:34

Tgt Ion: 75 Resp: 638
 Ion Ratio Lower Upper
 75 100
 77 43.6 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041054.D

Acq: 02 Nov 2020 16:34

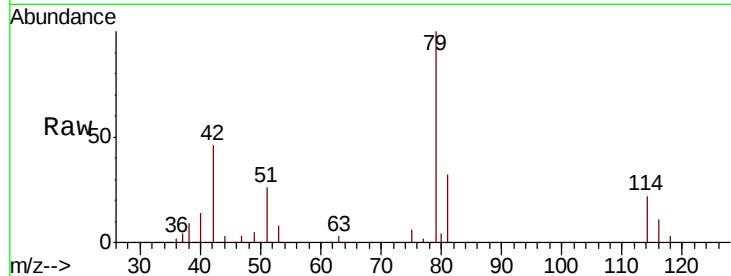
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 406

Ion Ratio Lower Upper

75 100

77 30.8 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU041054.D (-2121) (-)

Ion 77.05 (76.75 to 77.75): VU041054.D (-2121) (-)

8.18

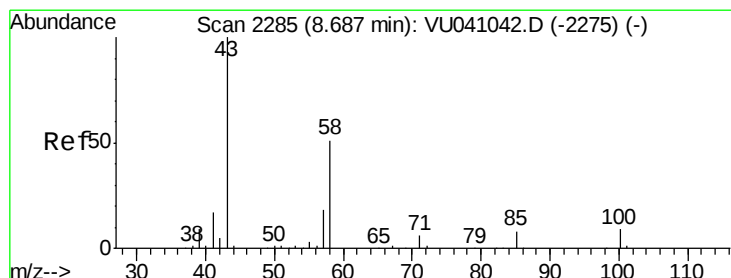
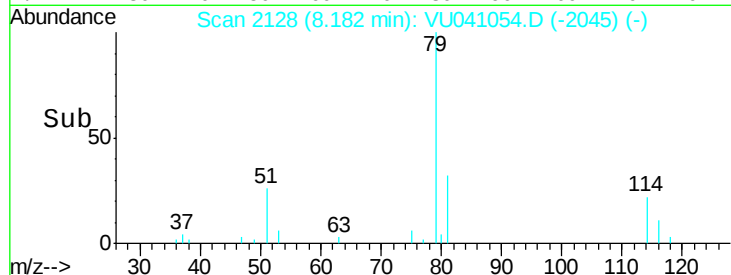
300

200

100

0

Time-->



#48

2-Hexanone

Concen: 3.236 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041054.D

Acq: 02 Nov 2020 16:34

Tgt Ion: 43 Resp: 8346

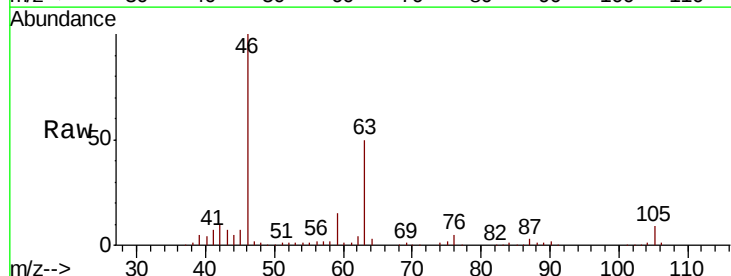
Ion Ratio Lower Upper

43 100

58 29.2 41.4 62.2#

57 27.2 14.6 21.8#

100 0.0 8.3 12.5#



Abundance Ion 43.05 (42.75 to 43.75): VU041054.D (-2192) (-)

Ion 58.05 (57.75 to 58.75): VU041054.D (-2192) (-)

Ion 57.20 (56.90 to 57.90): VU041054.D (-2192) (-)

Ion 100.15 (99.85 to 100.85): VU041054.D (-2192) (-)

8.64

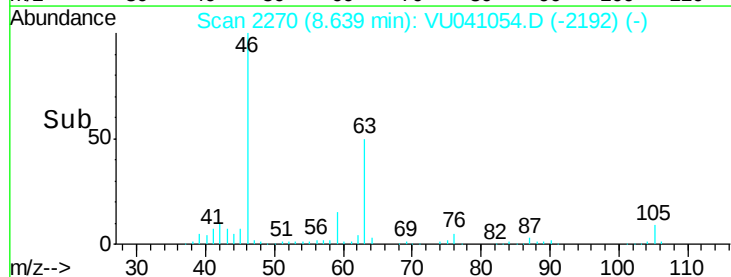
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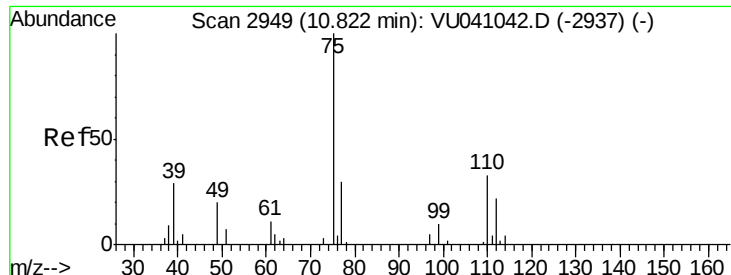
4000

2000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.039 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041054.D

Acq: 02 Nov 2020 16:34

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 3327

Ion Ratio Lower Upper

75 100

77 33.7 25.7 38.5

