

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041017.D
 Acq On : 29 Oct 2020 16:15
 Operator : SY/MD
 Sample : VU1030WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK11

Quant Time: Oct 30 08:13:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 08:06:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54331	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23648	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	16620	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.92	69	14324	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.58	63	27008	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.66	46	85402	56.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.64%
24) Chloroform-d	5.08	84	37002	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.72	65	24526	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.75	84	65102	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.70	67	23944	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.91	98	51710	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	8.19	79	9359	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	57172	50.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21956	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	20309	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

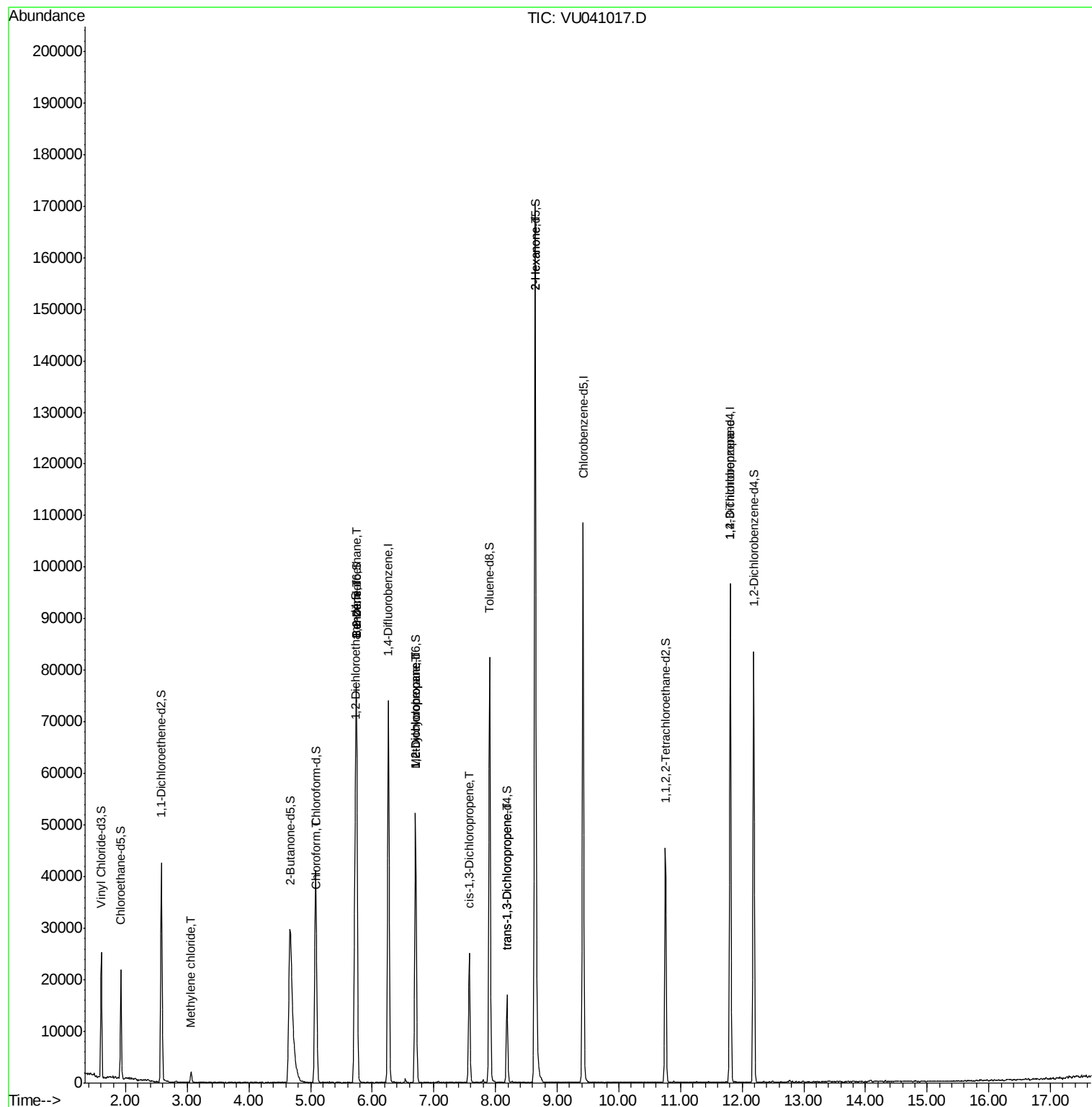
					Ovalue
16) Methylene chloride	3.07	84	824	0.184 ug/L	93
25) Chloroform	5.11	83	522	0.067 ug/L	90
27) 1,2-Dichloroethane	5.75	62	298	0.051 ug/L #	74
33) Benzene	5.75	78	466	0.028 ug/L	100
35) Methylcyclohexane	6.70	83	5591	0.889 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2647	0.591 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	637	0.103 ug/L #	79
44) trans-1,3-Dichloropropene	8.19	75	486	0.084 ug/L #	79
48) 2-Hexanone	8.64	43	8405	3.124 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	3188	0.955 ug/L #	82

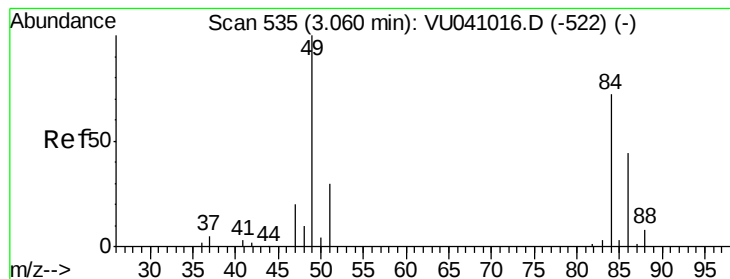
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.184 ug/L

RT: 3.07 min Scan# 537

Delta R.T. 0.01 min

Lab File: VU041017.D

Acq: 29 Oct 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

VBLK11

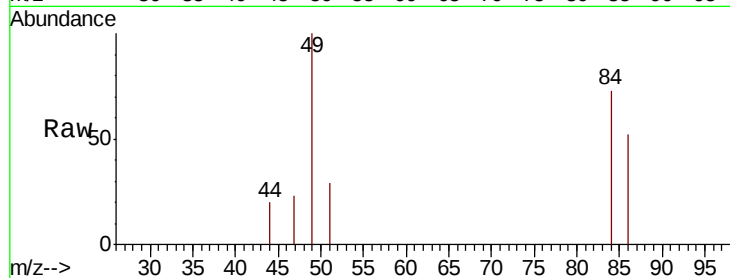
Tot Ion: 84 Resp: 824

Ion Ratio Lower Upper

84 100

86 71.2 42.8 79.6

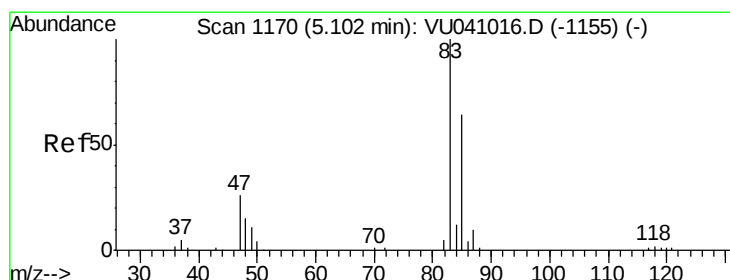
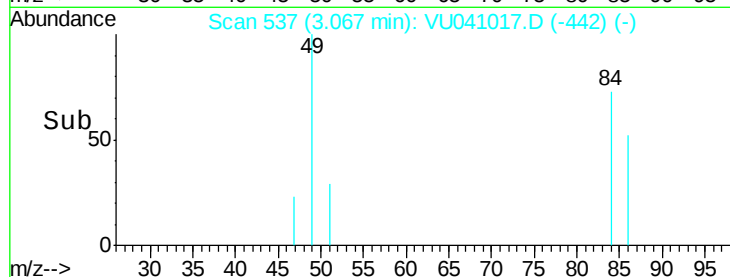
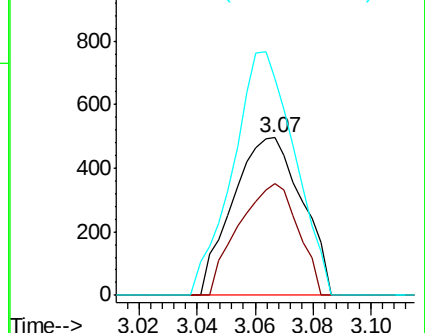
49 137.3 99.5 184.7



Abundance Ion 84.05 (83.75 to 84.75): VU041017.D (-1077) (-)

Ion 86.00 (85.70 to 86.70): VU041017.D (-1077) (-)

Ion 49.10 (48.80 to 49.80): VU041017.D (-1077) (-)



#25

Chloroform

Concen: 0.067 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041017.D

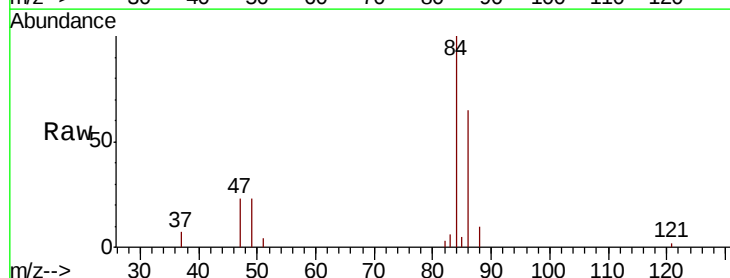
Acq: 29 Oct 2020 16:15

Tgt Ion: 83 Resp: 522

Ion Ratio Lower Upper

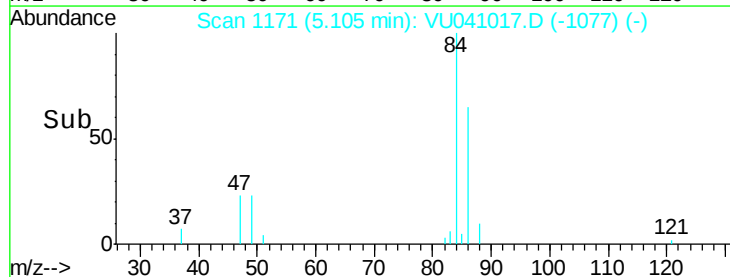
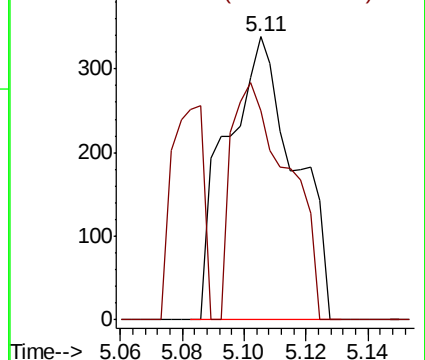
83 100

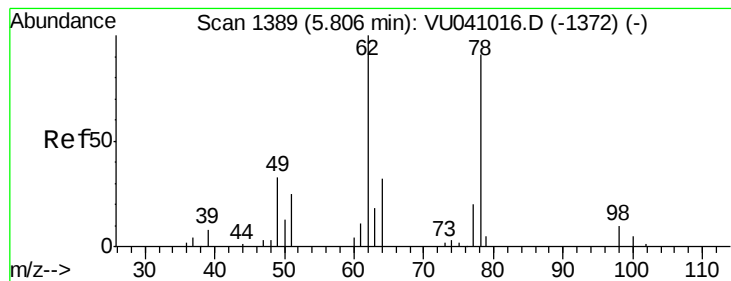
85 74.0 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU041017.D (-1077) (-)

Ion 85.00 (84.70 to 85.70): VU041017.D (-1077) (-)

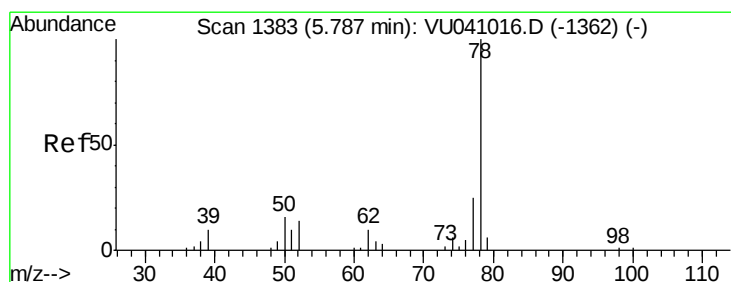
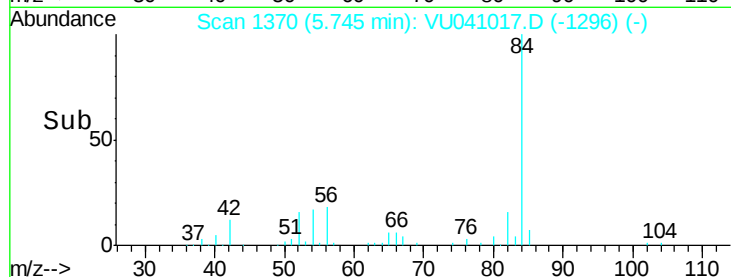
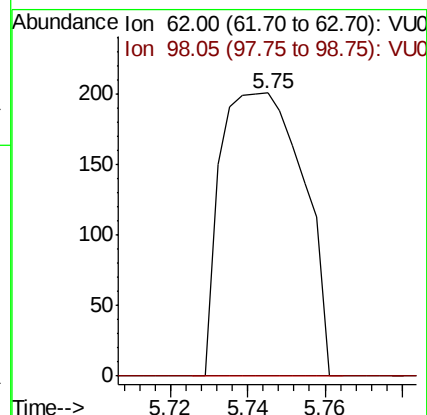
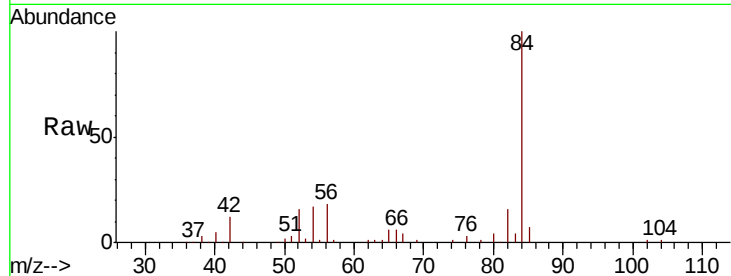




#27
 1,2-Dichloroethane
 Concen: 0.051 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU041017.D
 Acq: 29 Oct 2020 16:15

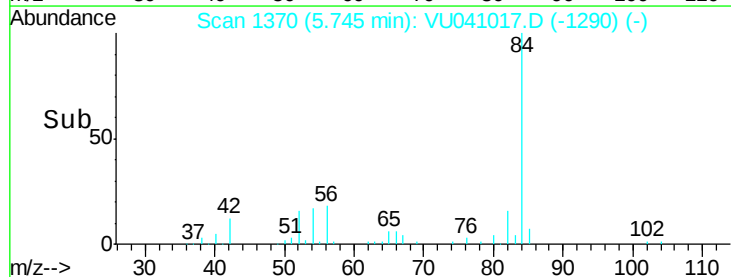
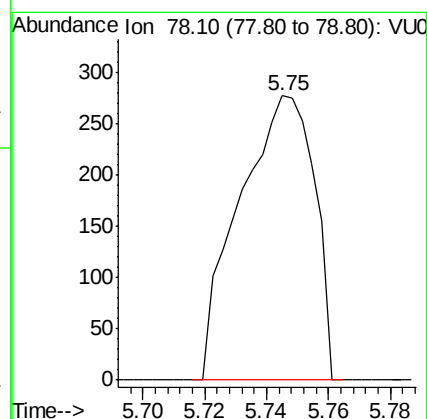
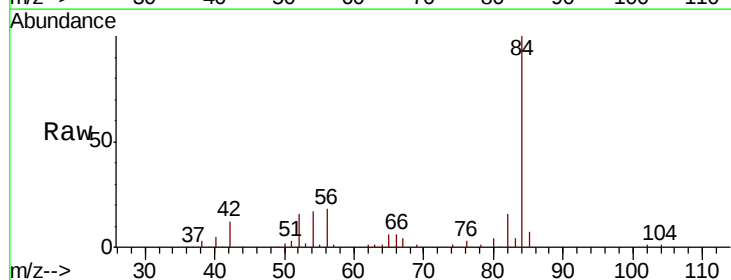
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK11

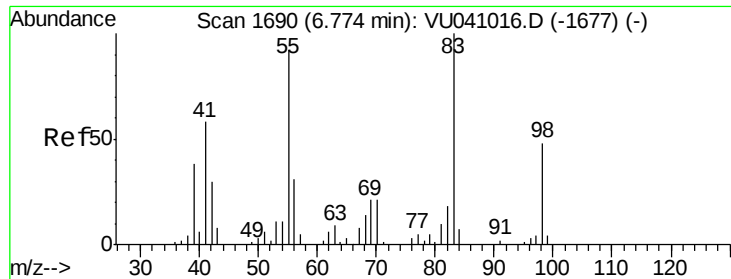
Tot Ion: 62 Resp: 298
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.028 ug/L
 RT: 5.75 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU041017.D
 Acq: 29 Oct 2020 16:15

Tgt Ion: 78 Resp: 466

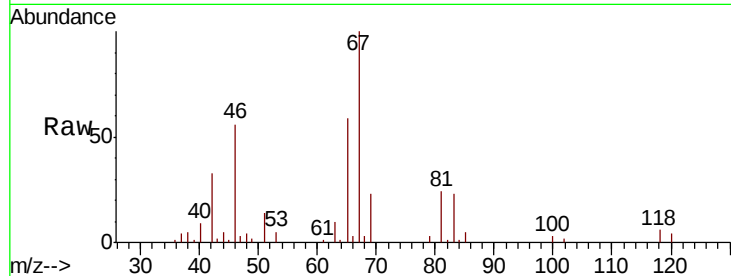




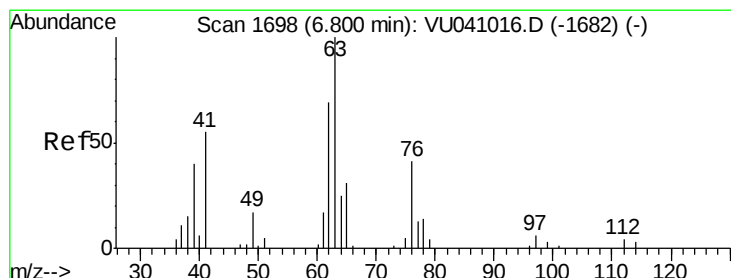
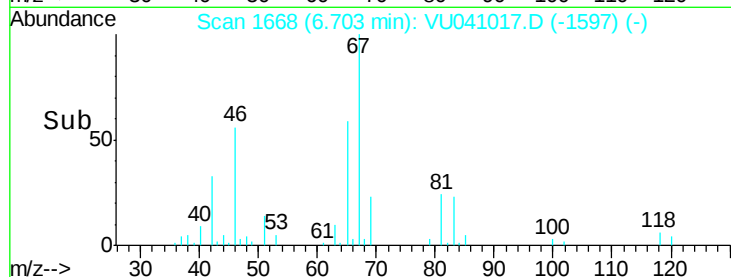
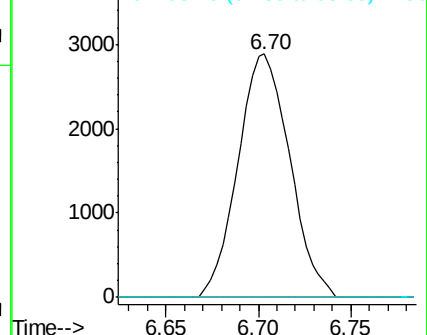
#35
Methylcyclohexane
Concen: 0.889 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041017.D
Acq: 29 Oct 2020 16:15

Instrument :
MSVOA_U
ClientSampleId :
VBLK11

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	1.2	36.6	55.0#

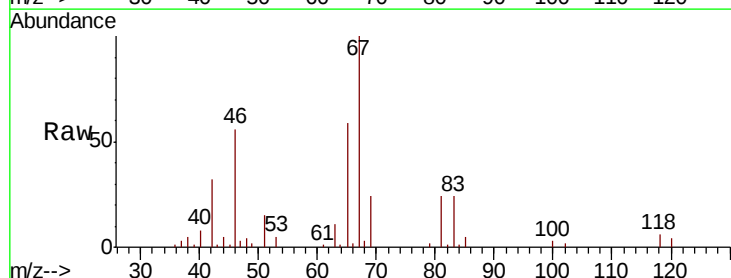


Abundance Ion 83.15 (82.85 to 83.85): VU041017.D (-1668) (-)

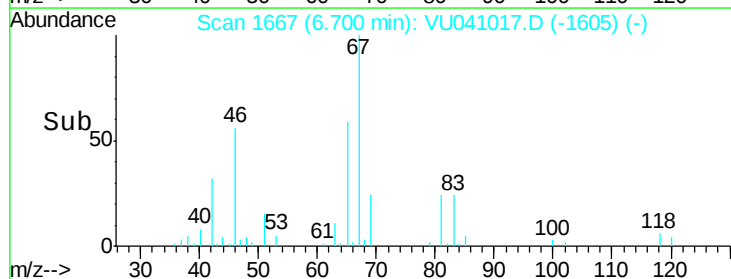
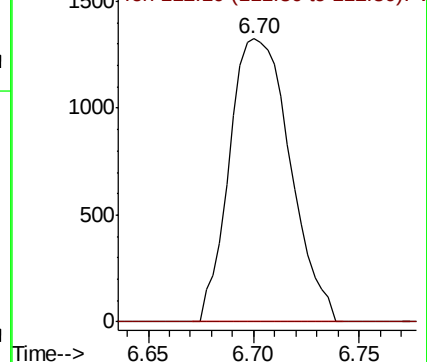


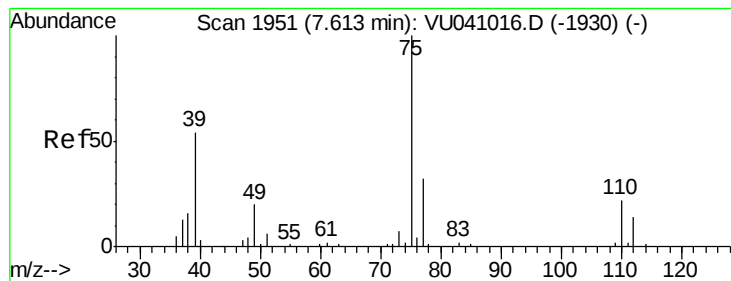
#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041017.D
Acq: 29 Oct 2020 16:15

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU041017.D (-1667) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041017.D

Acq: 29 Oct 2020 16:15

Instrument :

MSVOA_U

ClientSampleId :

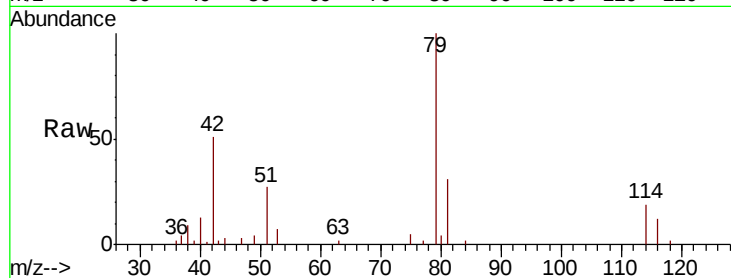
VBLK11

Tot Ion: 75 Resp: 637

Ion Ratio Lower Upper

75 100

77 44.2 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

400

300

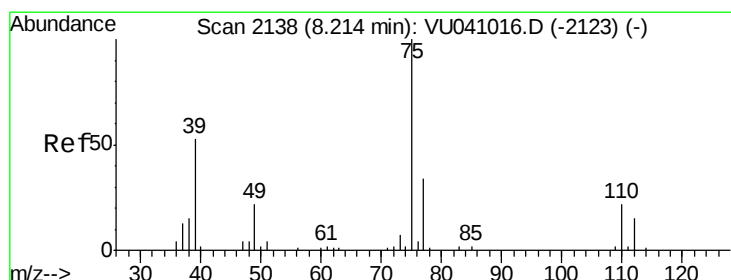
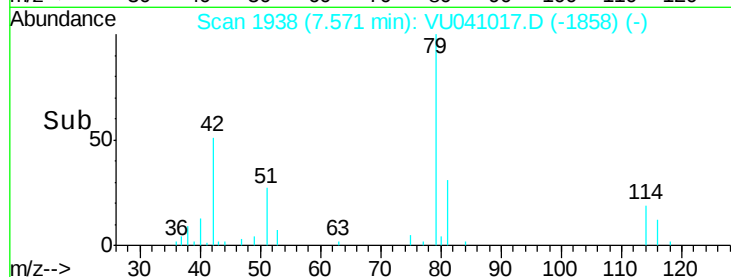
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041017.D

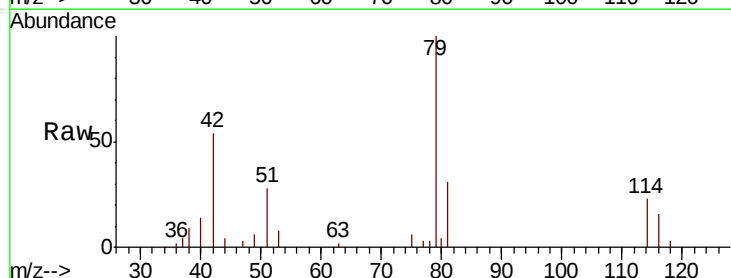
Acq: 29 Oct 2020 16:15

Tgt Ion: 75 Resp: 486

Ion Ratio Lower Upper

75 100

77 45.0 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

300

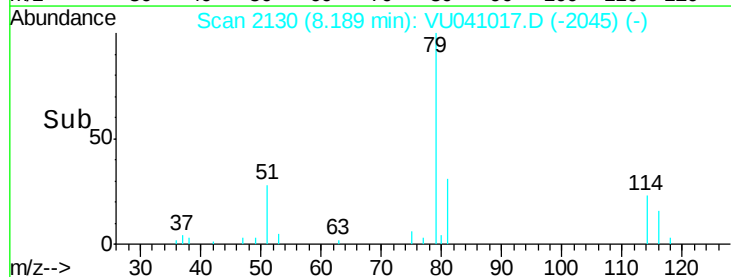
200

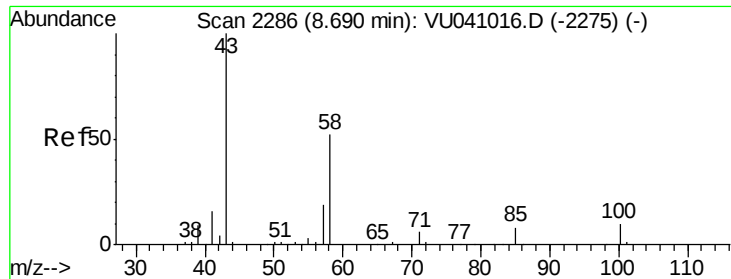
100

0

8.16 8.18 8.20 8.22

Time-->

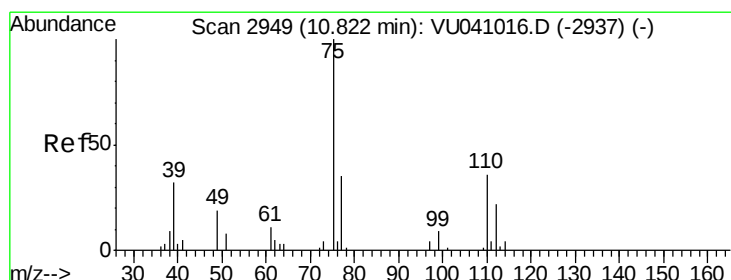
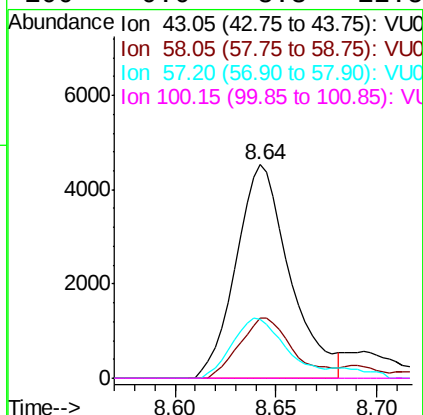
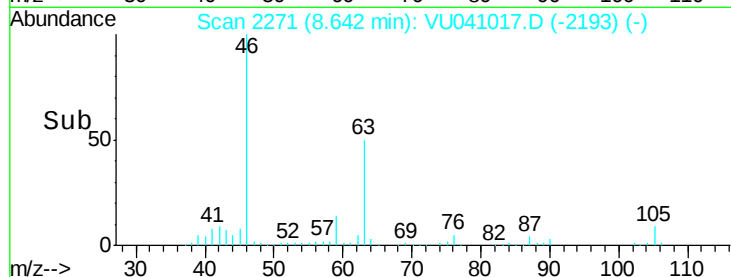
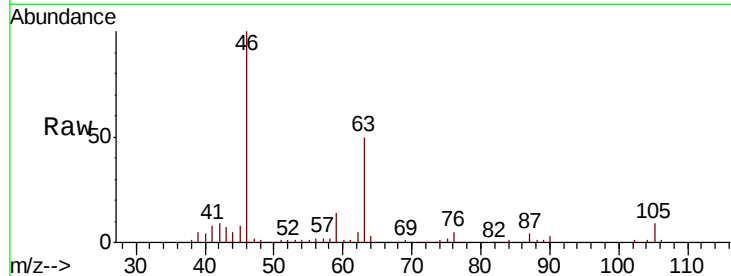




#48
2-Hexanone
Concen: 3.124 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041017.D
Acq: 29 Oct 2020 16:15

Instrument :
MSVOA_U
ClientSampleId :
VBLK11

Tot Ion: 43 Resp: 8405
Ion Ratio Lower Upper
43 100
58 28.3 41.4 62.2#
57 28.8 14.6 21.8#
100 0.0 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 0.955 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041017.D
Acq: 29 Oct 2020 16:15

Tgt Ion: 75 Resp: 3188
Ion Ratio Lower Upper
75 100
77 42.1 25.7 38.5#

