

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041033.D
 Acq On : 30 Oct 2020 10:27
 Operator : SY/MD
 Sample : VU1030WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK12

Quant Time: Oct 31 00:01:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 23:53:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51902	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21868	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17588	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	14734	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.58	63	27374	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.67	46	91395	63.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.30%
24) Chloroform-d	5.09	84	37151	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.72	65	25040	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	63555	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	23330	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	49559	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	8.19	79	9239	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.64	63	61340	56.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22660	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	19388	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

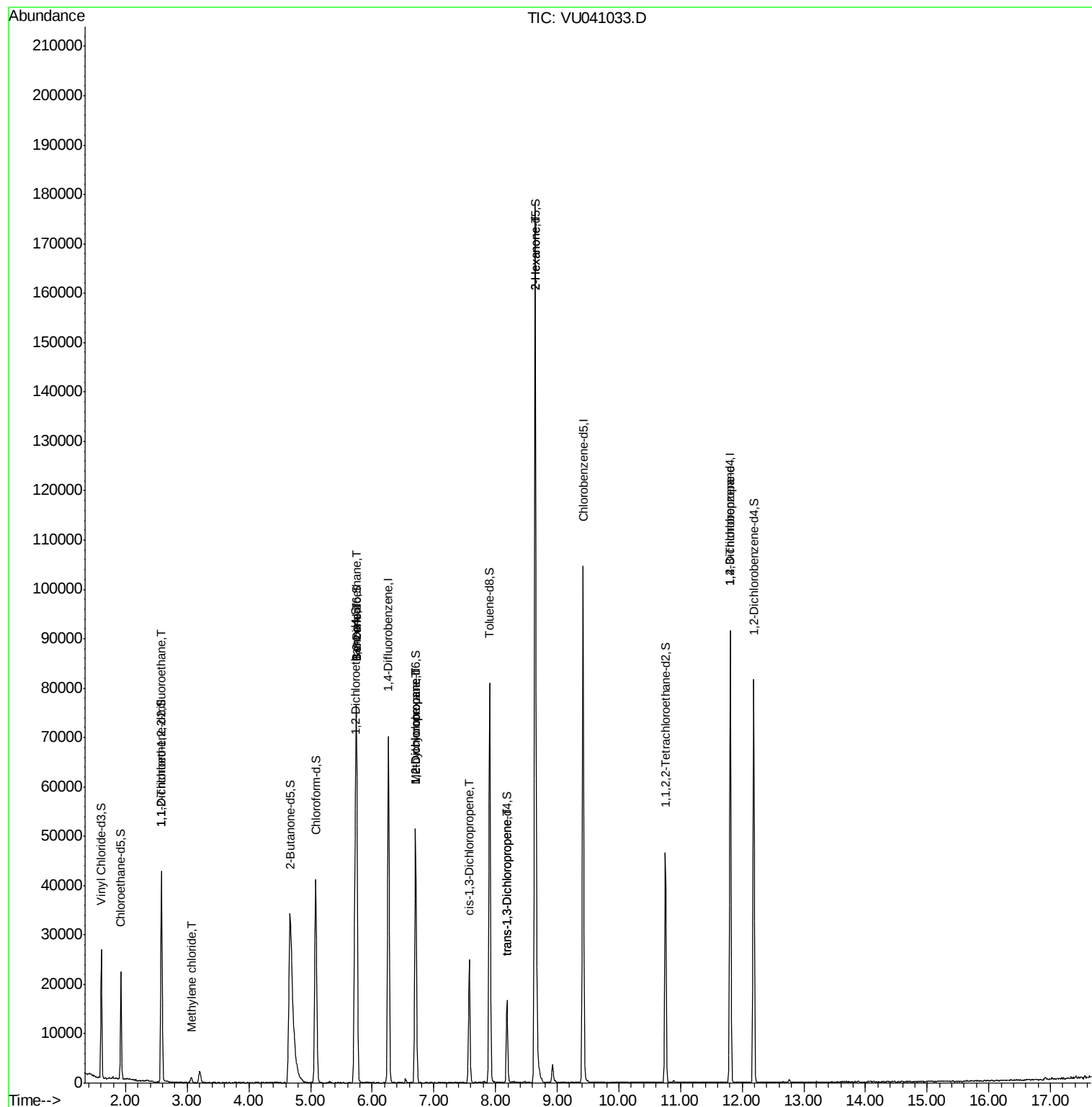
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	177	0.046	ug/L #	22
16) Methylene chloride	3.06	84	553	0.129	ug/L	93
27) 1,2-Dichloroethane	5.74	62	357	0.064	ug/L #	74
33) Benzene	5.74	78	460	0.029	ug/L	100
35) Methylcyclohexane	6.71	83	5160	0.845	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2603	0.598	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	622	0.104	ug/L #	82
44) trans-1,3-Dichloropropene	8.19	75	431	0.077	ug/L	85
48) 2-Hexanone	8.64	43	8854	3.387	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	3310	1.020	ug/L	95

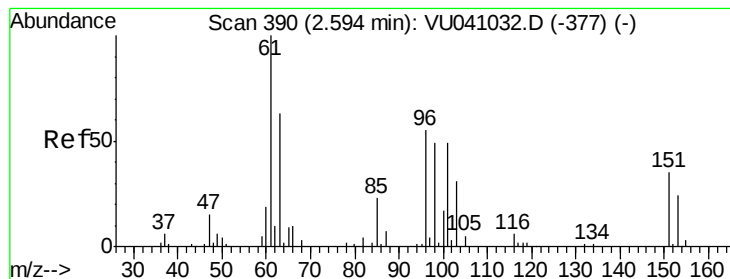
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 30 23:53:53 2020
Response via : Initial Calibration





#10

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

Concen: 0.046 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041033.D

Acq: 30 Oct 2020 10:27

Instrument :

MSVOA_U

ClientSampled :

VBLK12

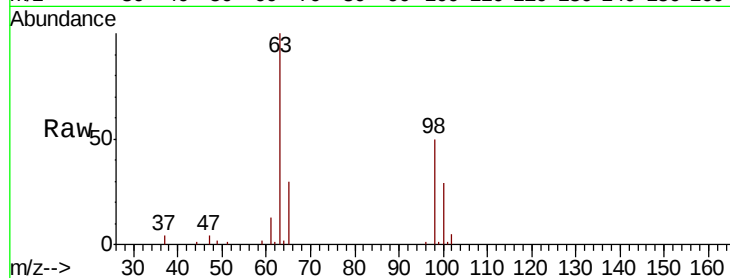
Tot Ion:101 Resp: 177

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

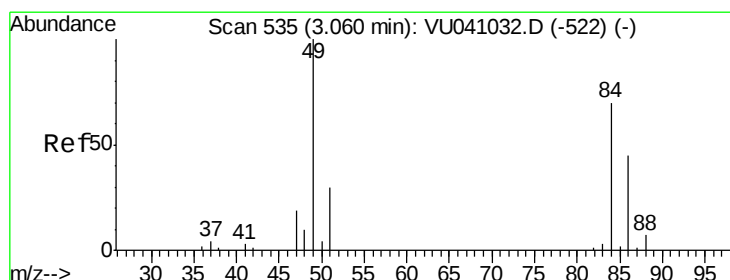
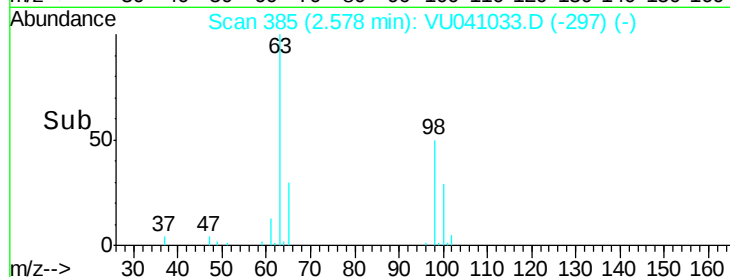
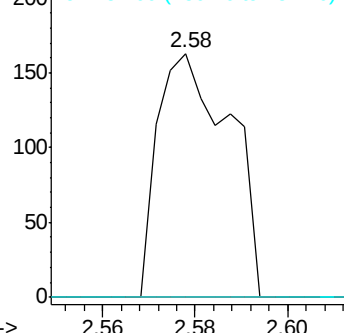
151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.129 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041033.D

Acq: 30 Oct 2020 10:27

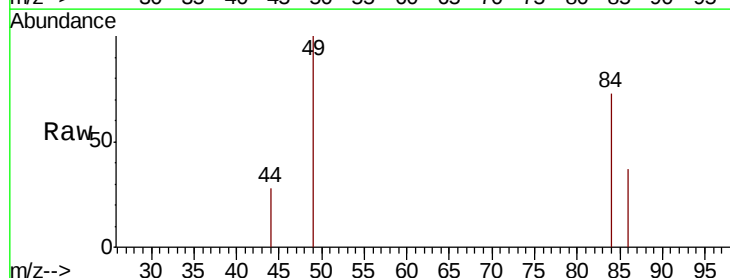
Tgt Ion: 84 Resp: 553

Ion Ratio Lower Upper

84 100

86 50.9 42.8 79.6

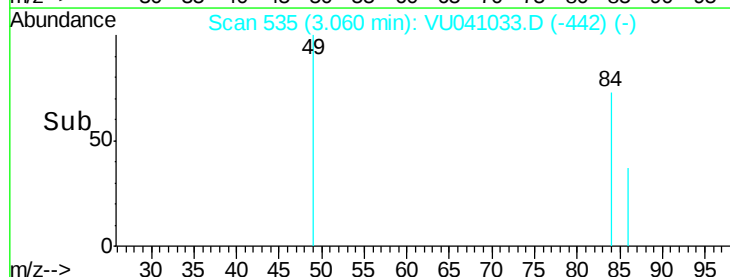
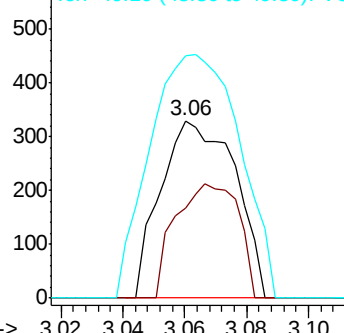
49 136.4 99.5 184.7

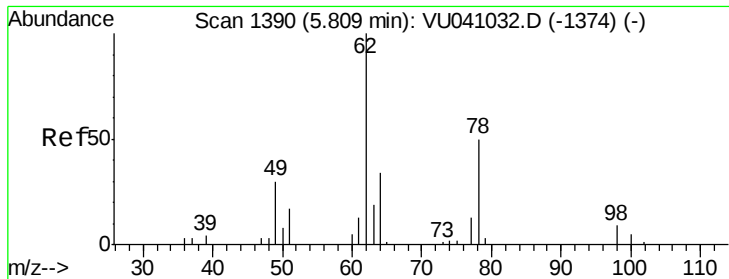


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

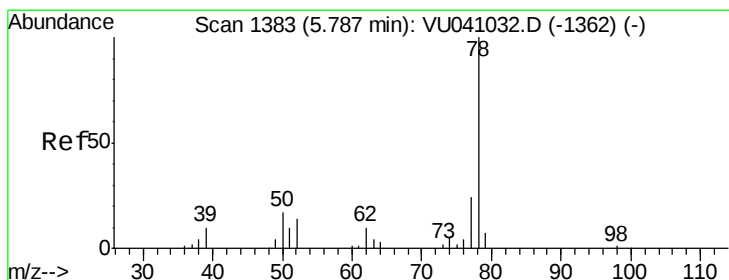
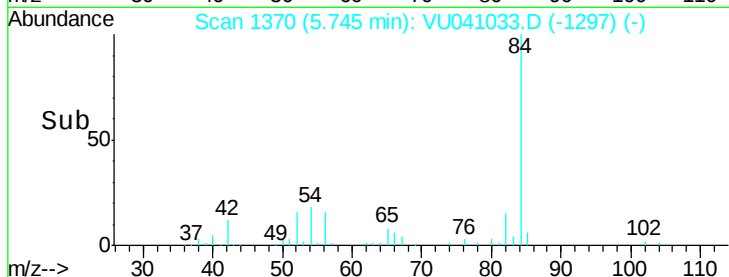
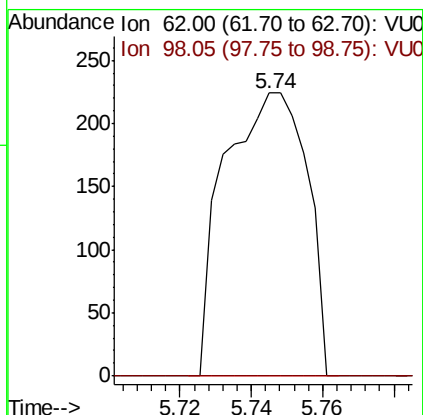
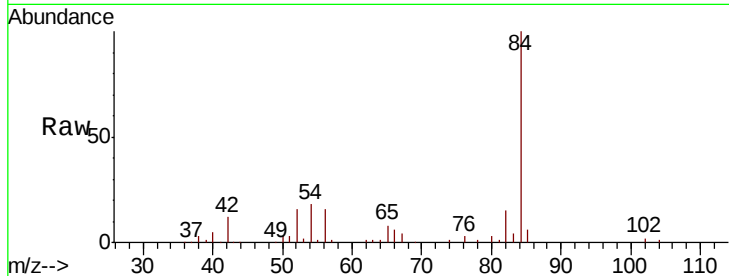




#27
 1,2-Dichloroethane
 Concen: 0.064 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.06 min
 Lab File: VU041033.D
 Acq: 30 Oct 2020 10:27

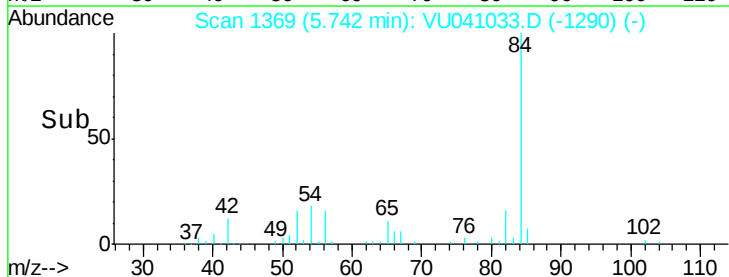
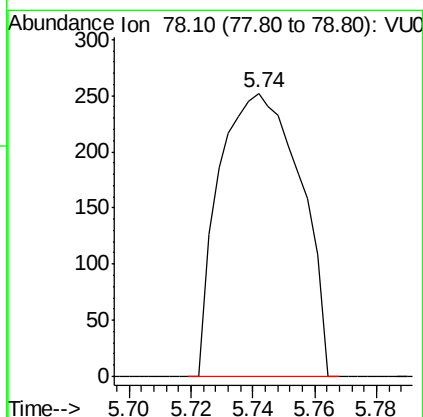
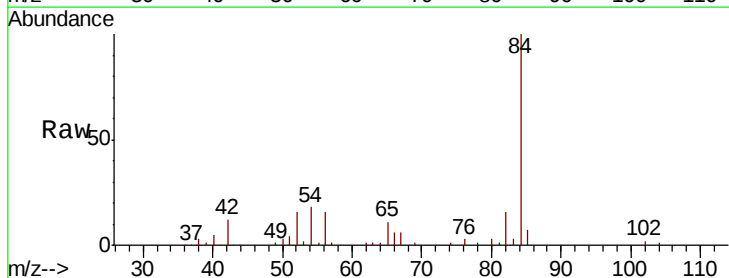
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK12

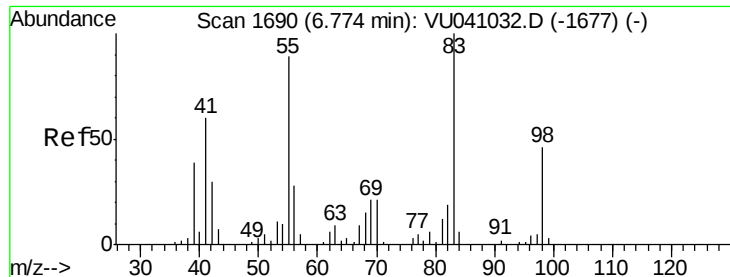
Tot Ion: 62 Resp: 357
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.029 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: VU041033.D
 Acq: 30 Oct 2020 10:27

Tgt Ion: 78 Resp: 460

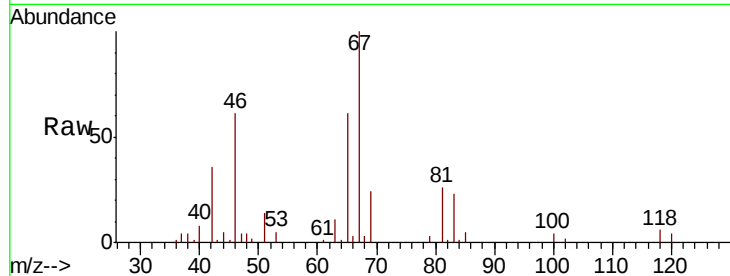




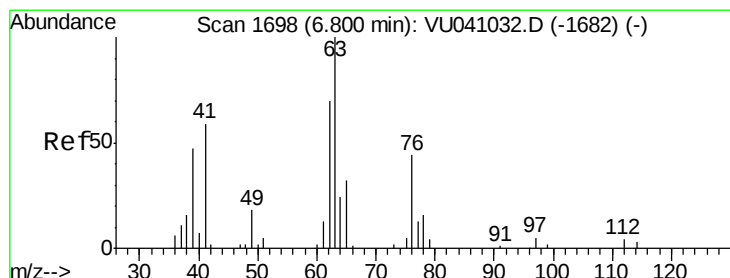
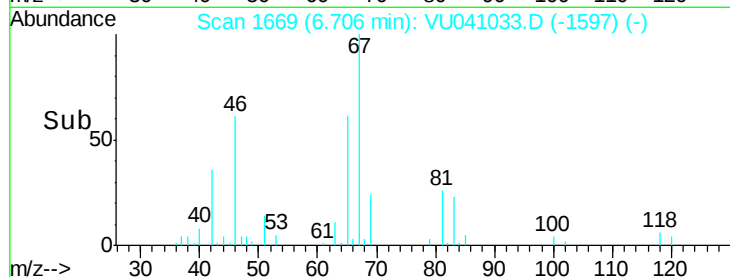
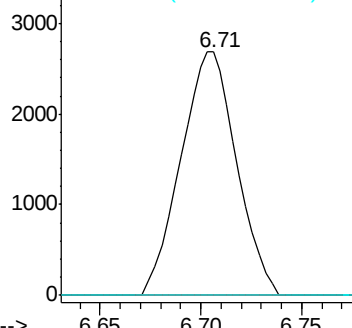
#35
Methvlcvclohexane
Concen: 0.845 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU041033.D
Acq: 30 Oct 2020 10:27

Instrument :
MSVOA_U
ClientSampleId :
VBLK12

Tot Ion: 83 Resp: 5160
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.9 36.6 55.0#

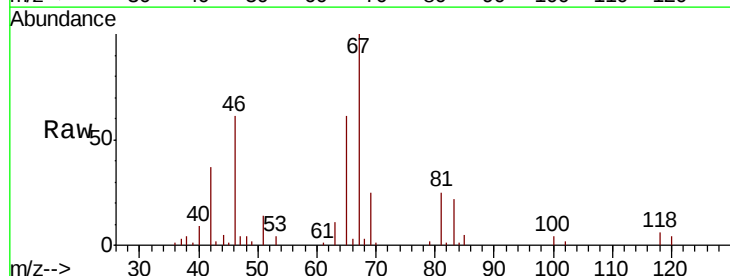


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

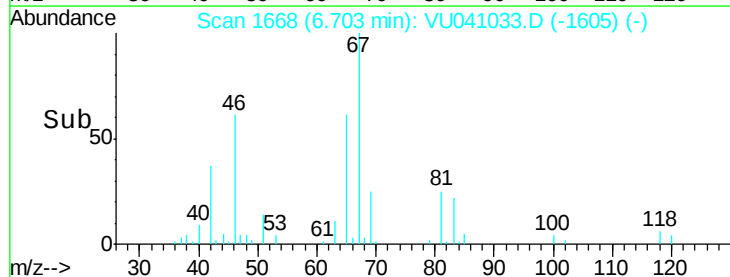
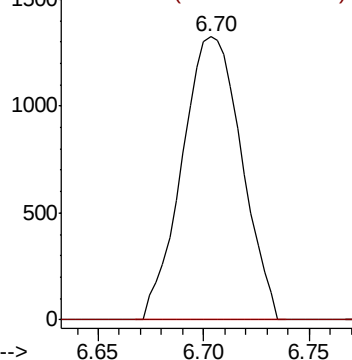


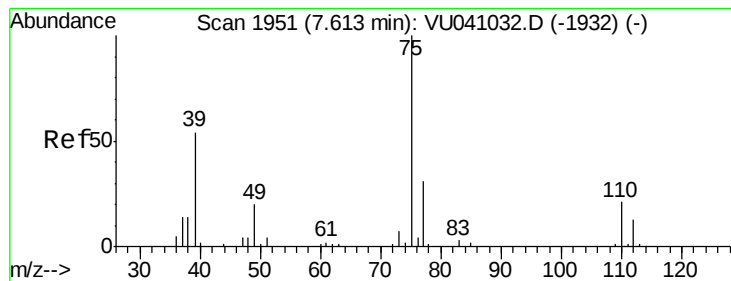
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041033.D
Acq: 30 Oct 2020 10:27

Tgt Ion: 63 Resp: 2603
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041033.D

Acq: 30 Oct 2020 10:27

Instrument :

MSVOA_U

ClientSampleId :

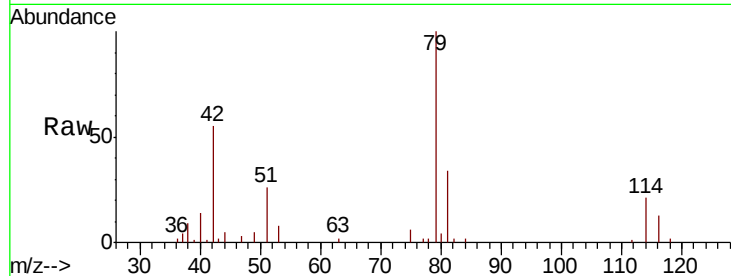
VBLK12

Tot Ion: 75 Resp: 622

Ion Ratio Lower Upper

75 100

77 42.4 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

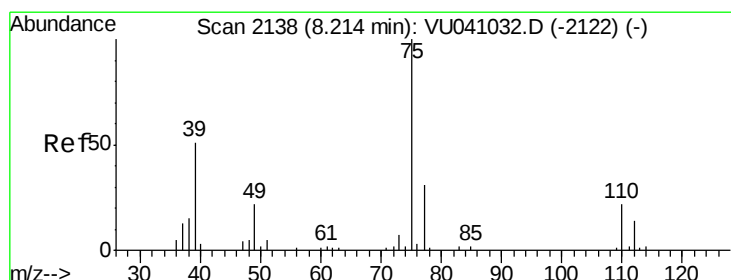
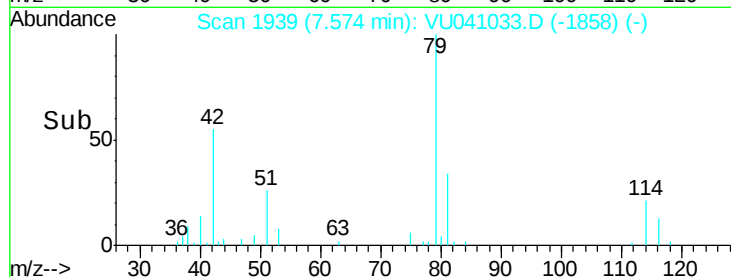
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041033.D

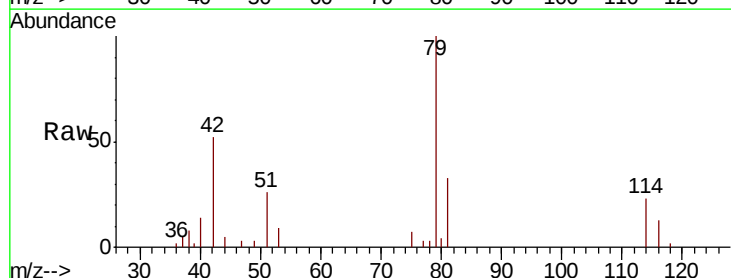
Acq: 30 Oct 2020 10:27

Tgt Ion: 75 Resp: 431

Ion Ratio Lower Upper

75 100

77 41.9 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

400

300

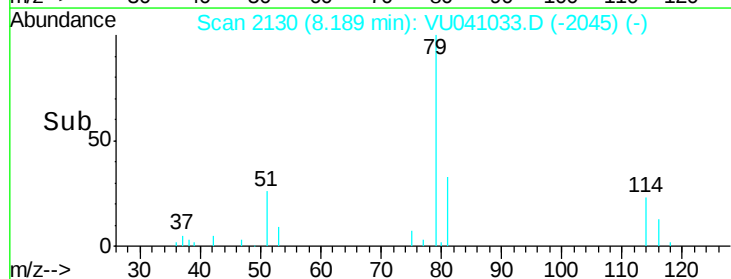
200

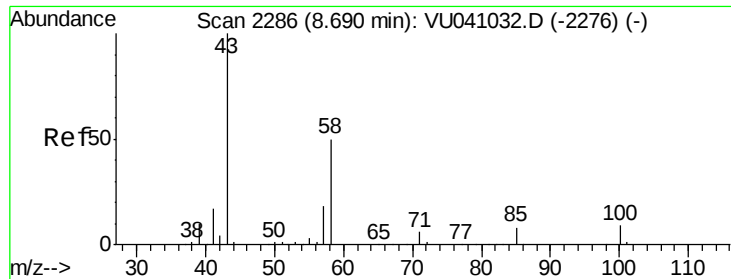
100

0

8.16 8.18 8.20

Time-->

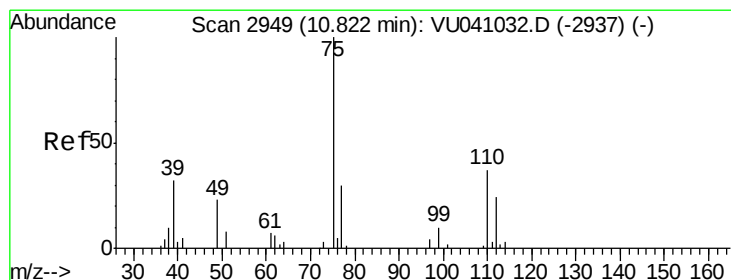
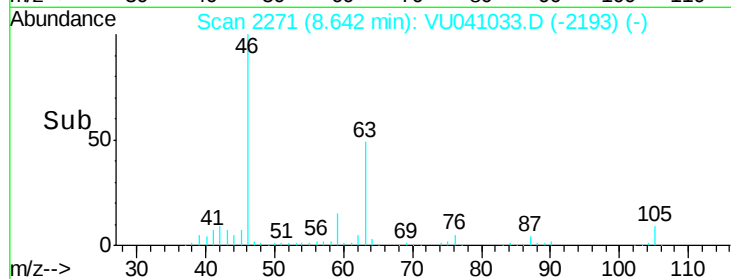
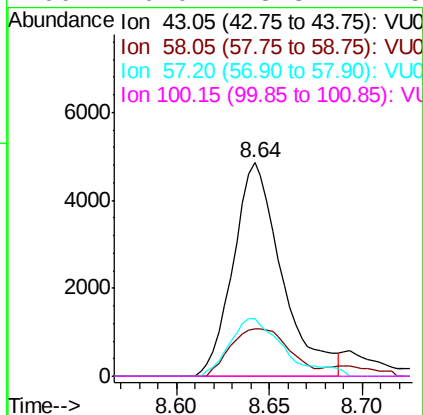
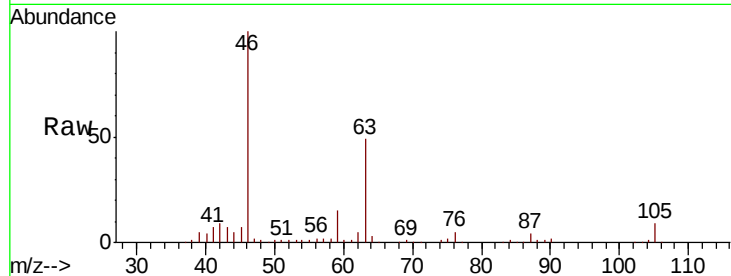




#48
2-Hexanone
Concen: 3.387 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041033.D
Acq: 30 Oct 2020 10:27

Instrument :
MSVOA_U
ClientSampled :
VBLK12

Tot Ion: 43 Resp: 8854
Ion Ratio Lower Upper
43 100
58 26.9 41.4 62.2#
57 30.2 14.6 21.8#
100 0.0 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 1.020 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041033.D
Acq: 30 Oct 2020 10:27

Tgt Ion: 75 Resp: 3310
Ion Ratio Lower Upper
75 100
77 35.2 25.7 38.5

