

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041242.D
 Acq On : 16 Nov 2020 13:01
 Operator : SY/MD
 Sample : VU1116WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK22

Quant Time: Nov 16 13:22:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70326	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23696	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.92	69	22410	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	38821	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.65	46	102645	48.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.24%
24) Chloroform-d	5.08	84	53444	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	34067	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.74	84	95248	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.70	67	33484	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.90	98	79856	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.18	79	13811	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.64	63	79111	49.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31318	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	31617	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

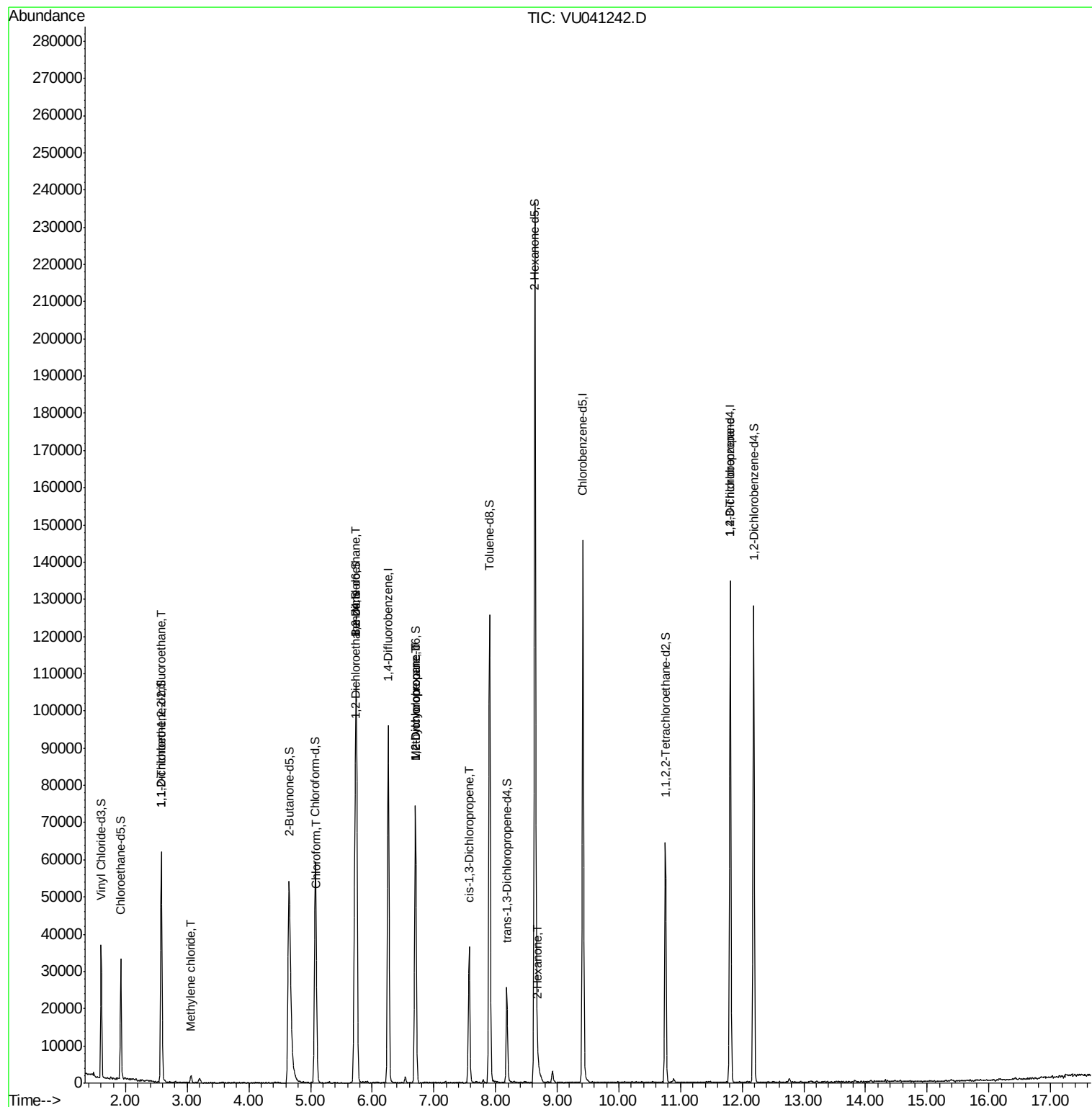
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	250	0.048	ug/L #	22
16) Methylene chloride	3.06	84	885	0.154	ug/L	87
25) Chloroform	5.10	83	1199	0.111	ug/L	93
27) 1,2-Dichloroethane	5.74	62	609	0.078	ug/L #	74
35) Methylcyclohexane	6.70	83	7601	1.036	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3837	0.642	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	874	0.105	ug/L #	42
48) 2-Hexanone	8.69	43	2373	0.643	ug/L #	61
59) 1,2,3-Trichloropropane	11.81	75	4479	0.951	ug/L	89

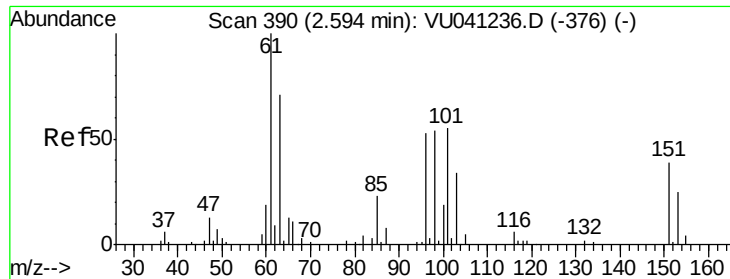
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration





#10

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

Concen: 0.048 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041242.D

Acq: 16 Nov 2020 13:01

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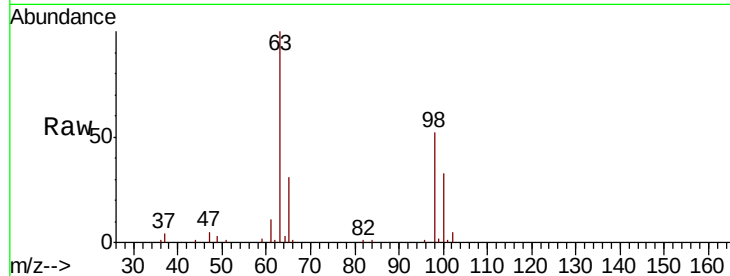
Tot Ion:101 Resp: 250

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

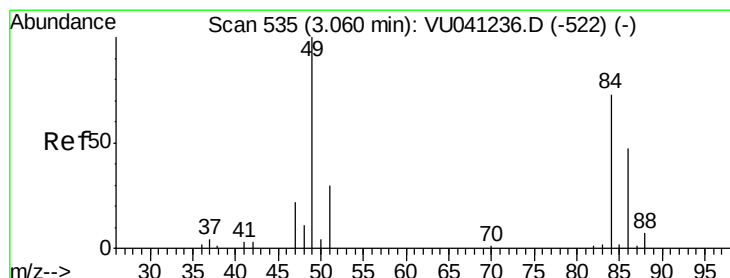
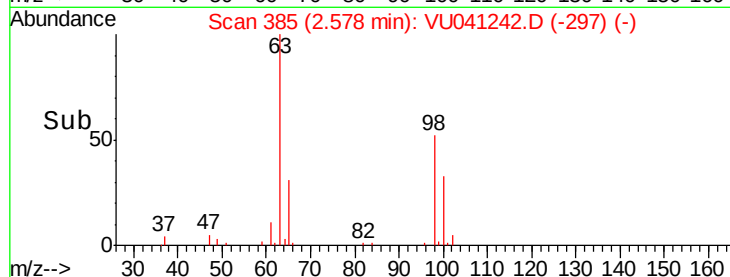
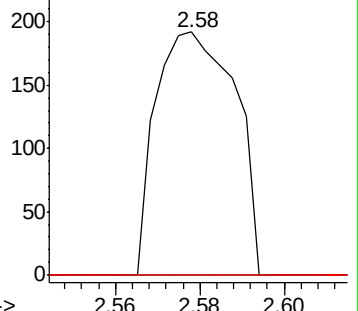
151 0.0 55.3 82.9#



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: 0.154 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041242.D

Acq: 16 Nov 2020 13:01

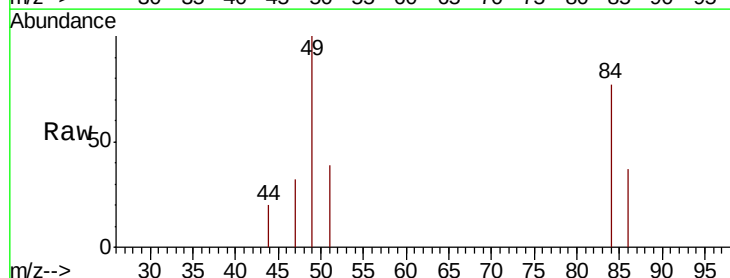
Tgt Ion: 84 Resp: 885

Ion Ratio Lower Upper

84 100

86 47.2 42.8 79.6

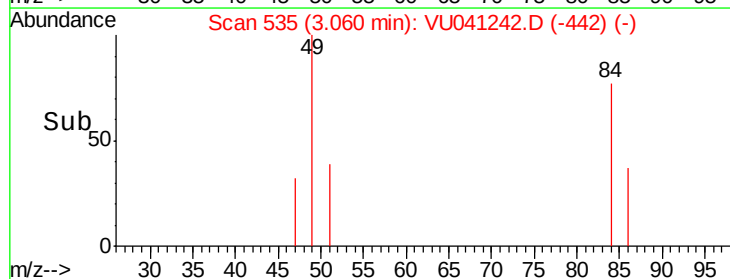
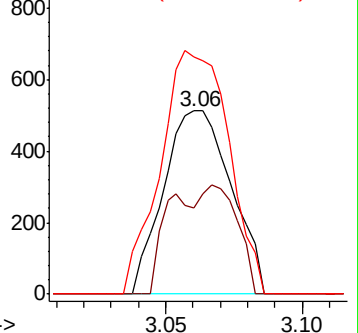
49 129.0 99.5 184.7

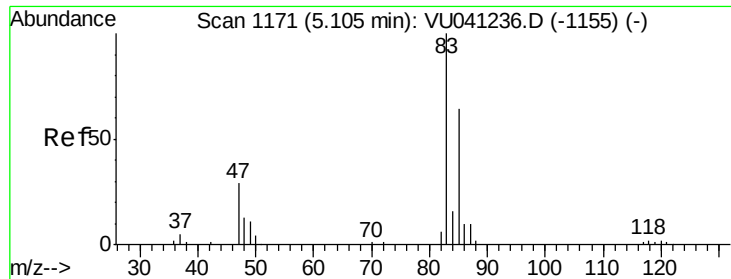


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

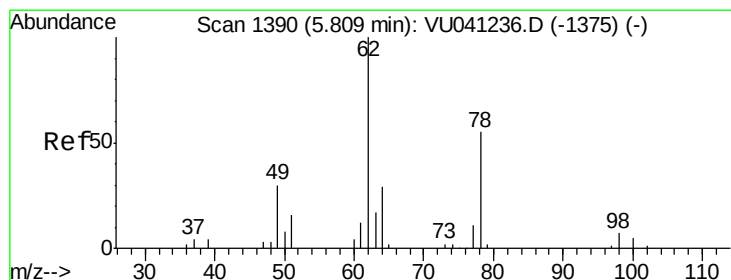
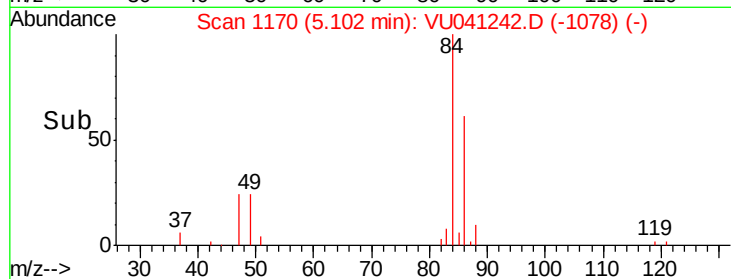
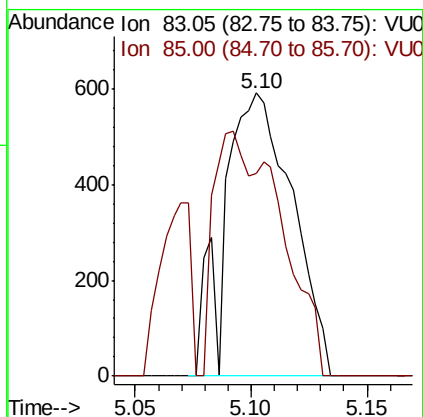
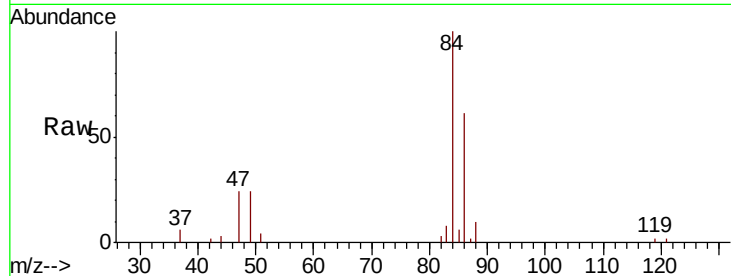




#25
Chloroform
Concen: 0.111 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041242.D
Acq: 16 Nov 2020 13:01

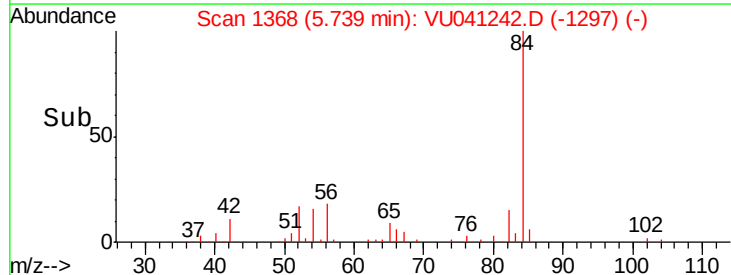
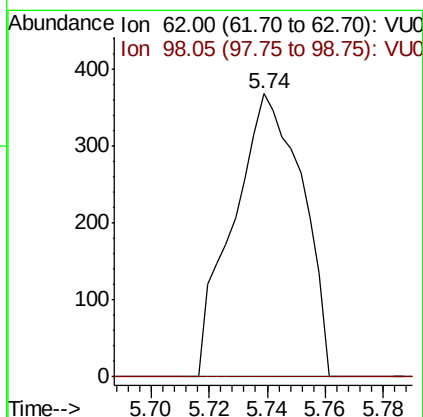
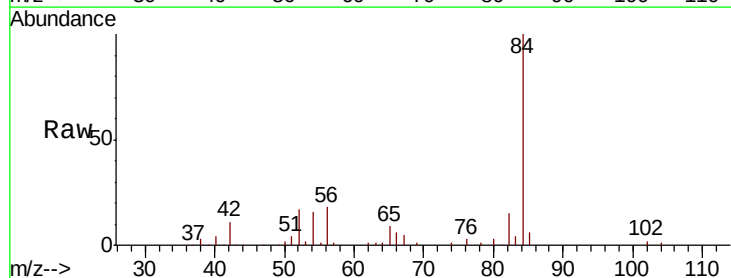
Instrument :
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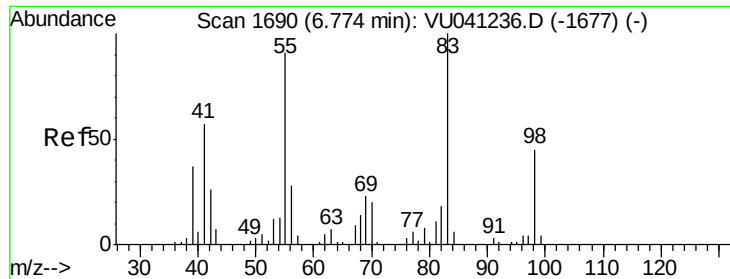
Tot Ion: 83 Resp: 1199
Ion Ratio Lower Upper
83 100
85 71.6 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041242.D
Acq: 16 Nov 2020 13:01

Tgt Ion: 62 Resp: 609
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#

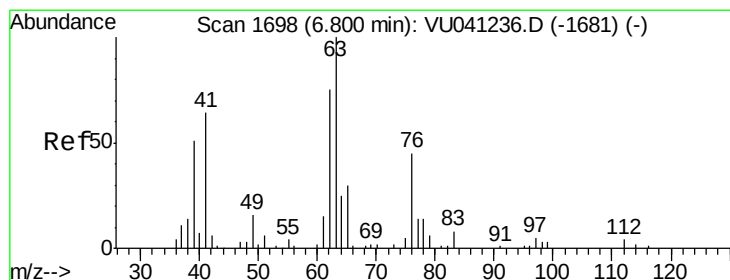
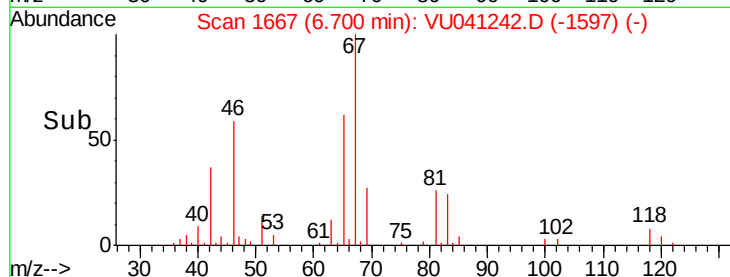
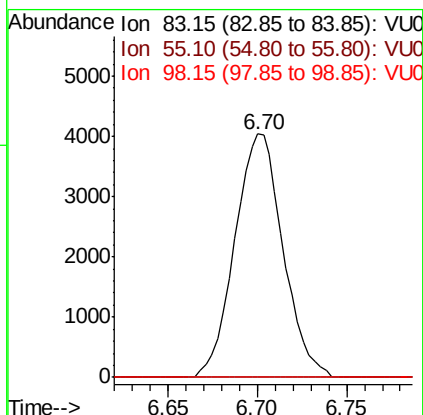
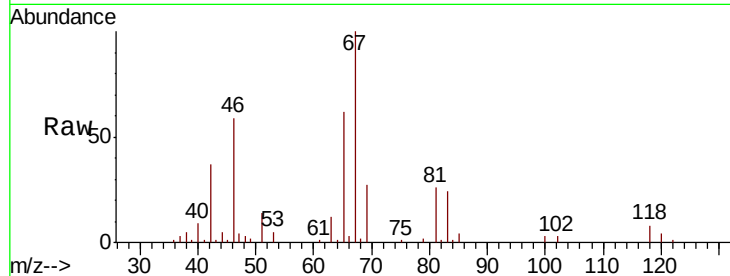




#35
Methylvlcyclohexane
Concen: 1.036 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041242.D
Acq: 16 Nov 2020 13:01

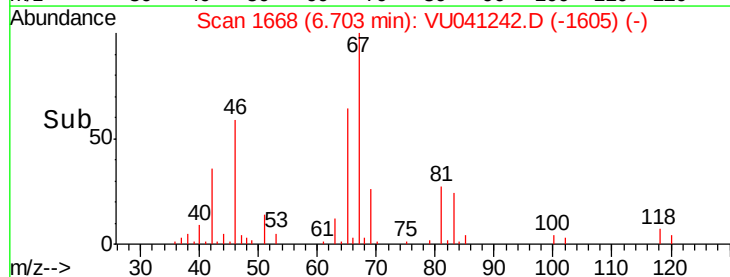
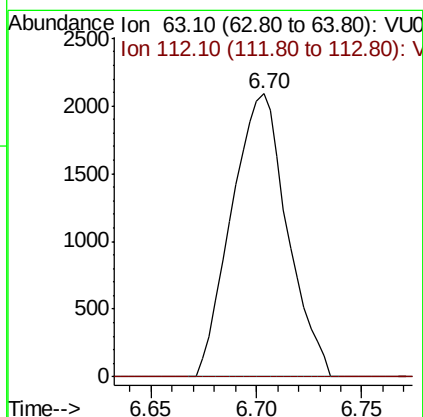
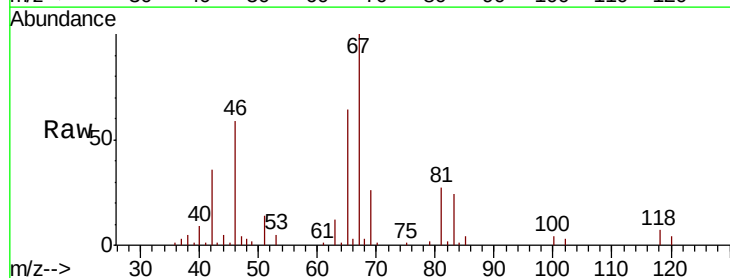
Instrument :
MSVOA_U
ClientSampled :
VBLK22

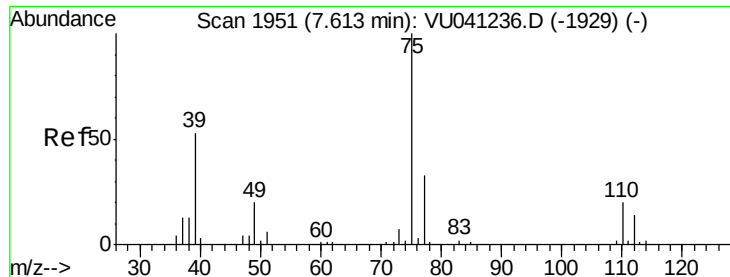
Tot Ion: 83 Resp: 7601
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 2.4 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041242.D
Acq: 16 Nov 2020 13:01

Tgt Ion: 63 Resp: 3837
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

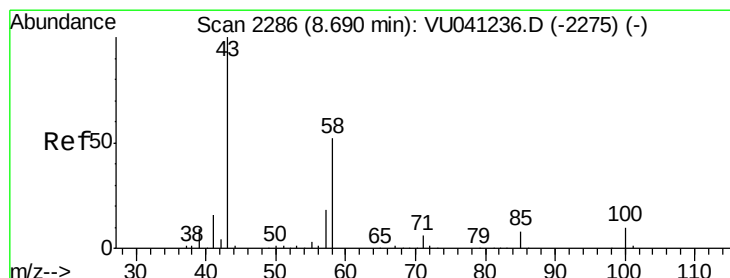
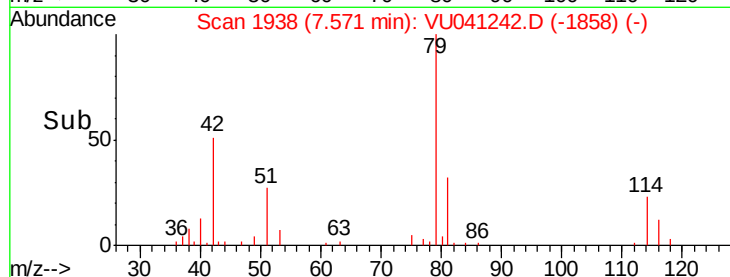
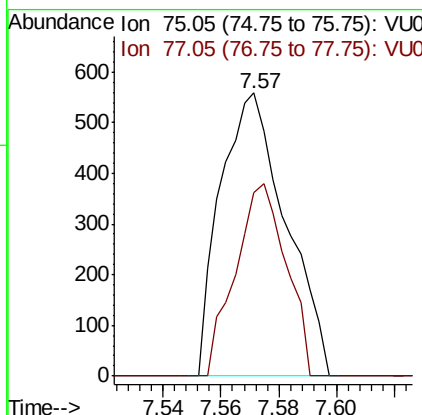
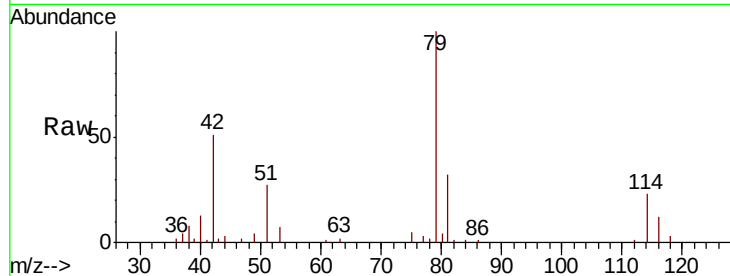




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041242.D
 Acq: 16 Nov 2020 13:01

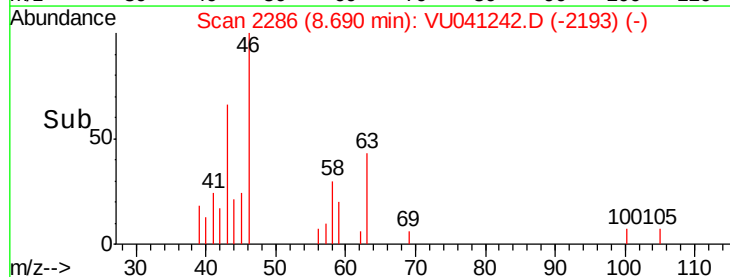
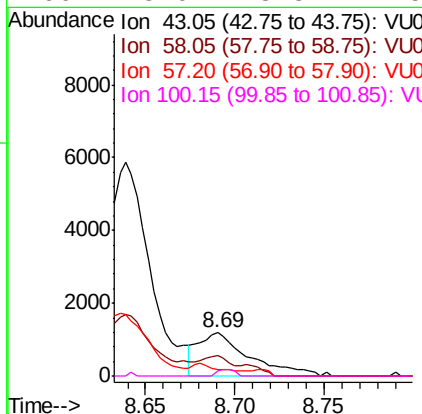
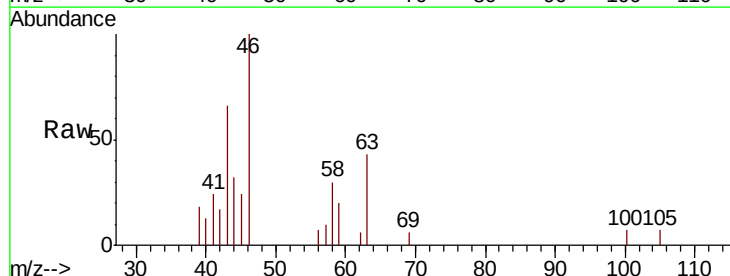
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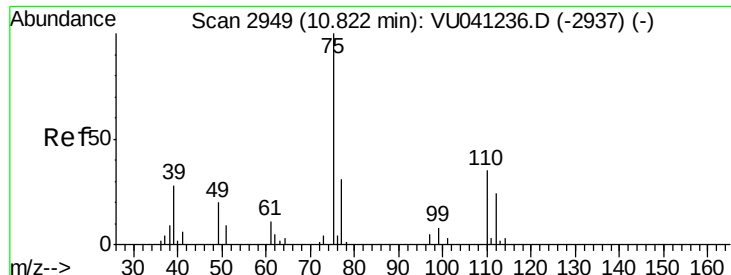
Tot Ion: 75 Resp: 874
 Ion Ratio Lower Upper
 75 100
 77 64.9 22.7 42.3#



#48
 2-Hexanone
 Concen: 0.643 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: VU041242.D
 Acq: 16 Nov 2020 13:01

Tgt Ion: 43 Resp: 2373
 Ion Ratio Lower Upper
 43 100
 58 12.1 41.4 62.2#
 57 17.8 14.6 21.8
 100 5.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.951 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041242.D

Acq: 16 Nov 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VBLK22

Tot Ion: 75 Resp: 4479

Ion Ratio Lower Upper

75 100

77 38.0 25.7 38.5

