

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040969.D
 Acq On : 27 Oct 2020 02:16
 Operator : SY/MD
 Sample : L4492-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN9

Quant Time: Oct 27 05:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58490	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23568	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.92	69	19173	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	35542	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.66	46	83038	51.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.64%
24) Chloroform-d	5.08	84	42568	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	26134	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.74	84	76541	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	25840	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	61069	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.18	79	9925	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	58659	47.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23360	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	24345	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

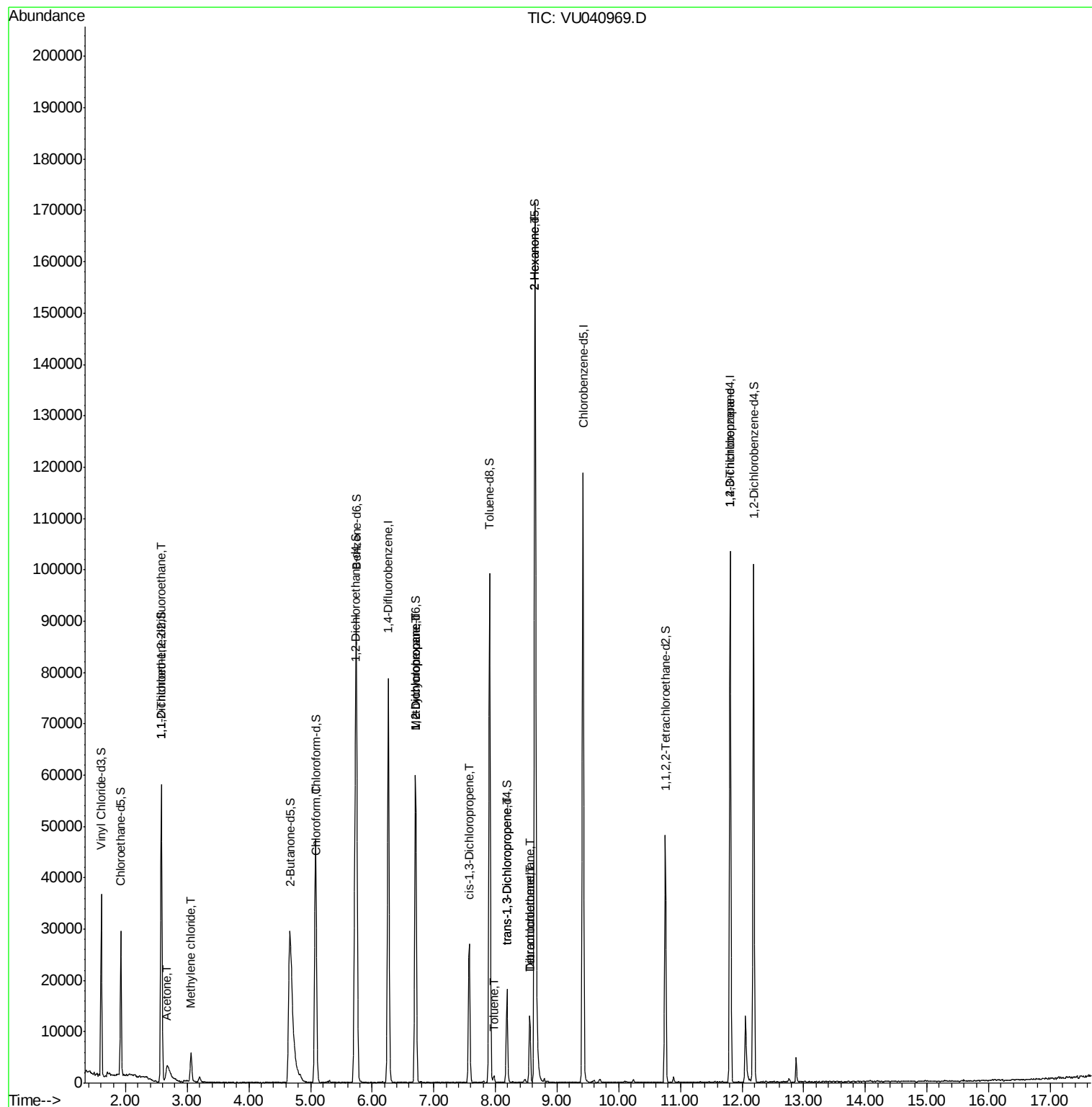
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	213	0.049	ug/L #	22
13) Acetone	2.67	43	11833	10.696	ug/L	90
16) Methylene chloride	3.06	84	2511	0.522	ug/L	93
25) Chloroform	5.10	83	565	0.067	ug/L	95
35) Methylcyclohexane	6.70	83	6252	0.908	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	3160	0.644	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	773	0.114	ug/L #	81
42) Toluene	7.98	91	1072	0.058	ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	486	0.077	ug/L	84
47) Tetrachloroethene	8.56	164	2704	0.797	ug/L	95
48) 2-Hexanone	8.64	43	9351	3.173	ug/L #	71
49) Dibromochloromethane	8.56	129	2712	0.639	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3389	0.926	ug/L	98

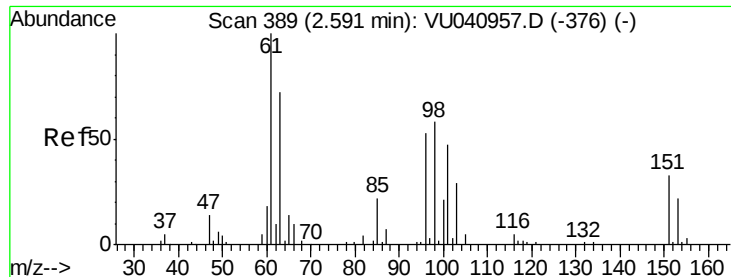
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.049 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU040969.D

Acq: 27 Oct 2020 02:16

Instrument :

MSVOA_U

ClientSampleId :

C0AN9

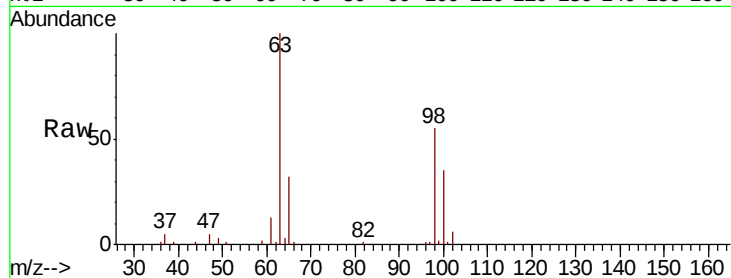
Tot Ion:101 Resp: 213

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

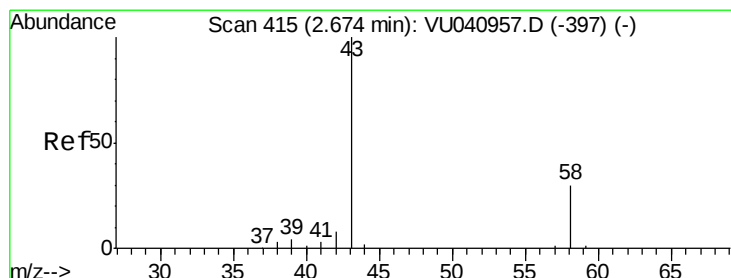
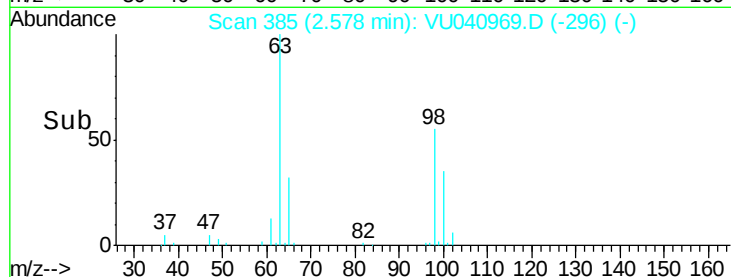
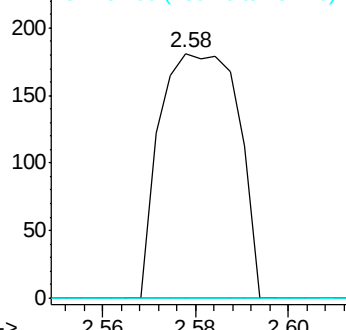
151 0.0 55.3 82.9#



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



#13

Acetone

Concen: 10.696 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU040969.D

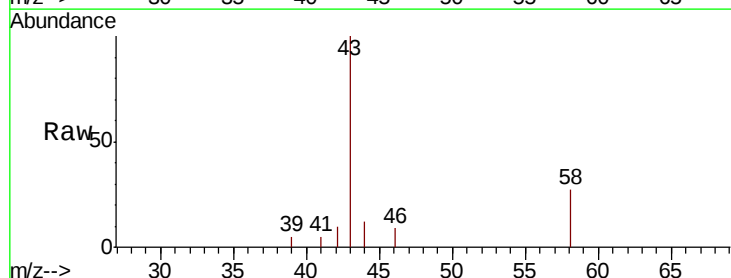
Acq: 27 Oct 2020 02:16

Tgt Ion: 43 Resp: 11833

Ion Ratio Lower Upper

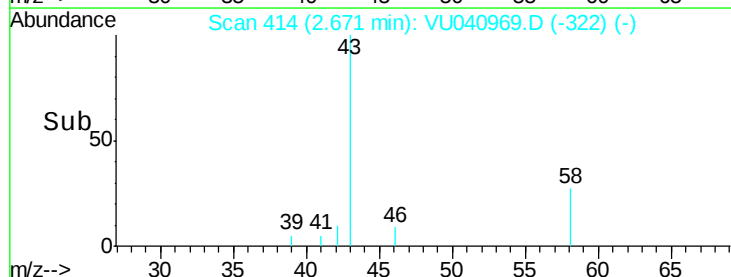
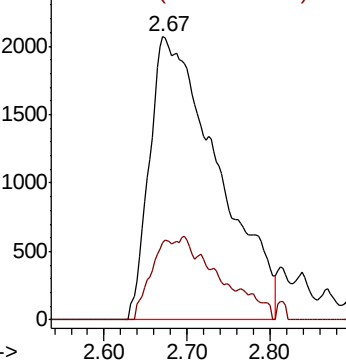
43 100

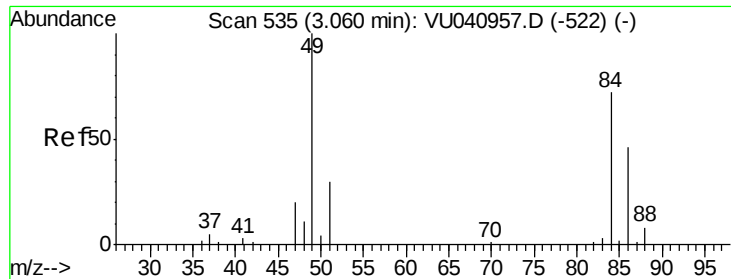
58 8.7 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

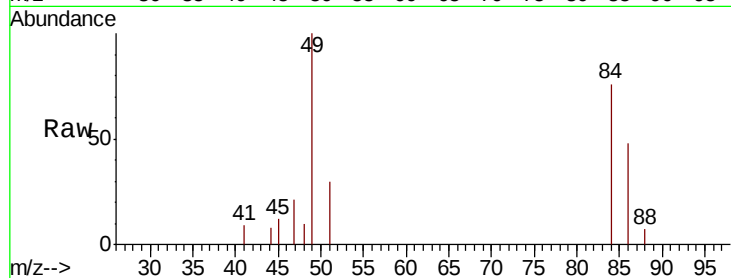




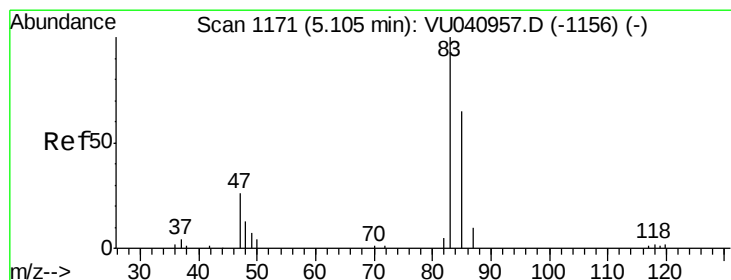
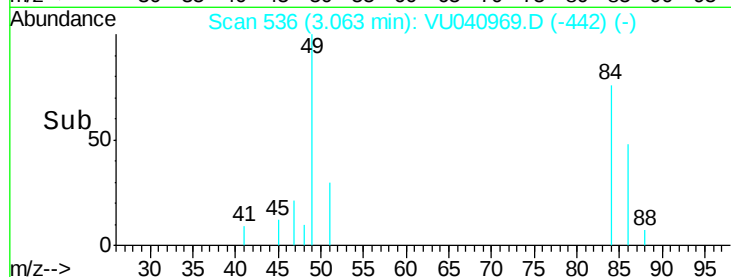
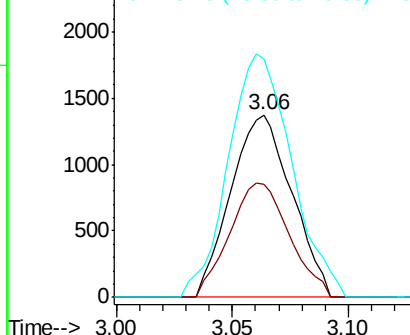
#16
Methvlene chloride
Concen: 0.522 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040969.D
Acq: 27 Oct 2020 02:16

Instrument :
MSVOA_U
ClientSampled :
C0AN9

Tot Ion: 84 Resp: 2511
Ion Ratio Lower Upper
84 100
86 62.2 42.8 79.6
49 130.9 99.5 184.7

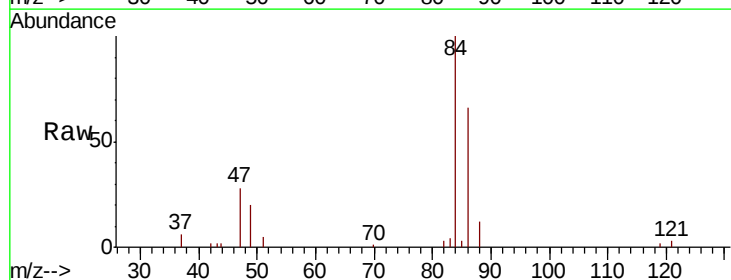


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

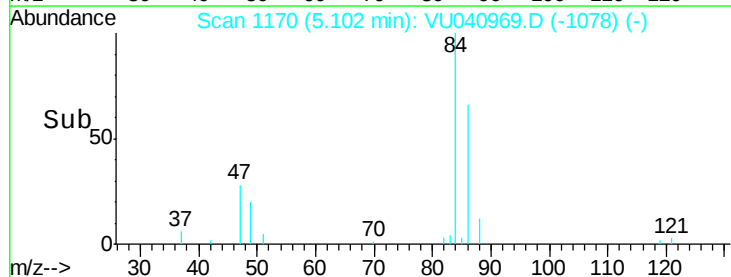
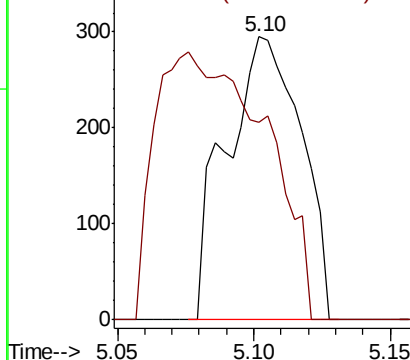


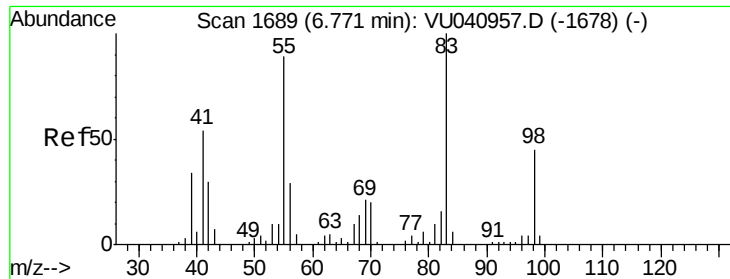
#25
Chloroform
Concen: 0.067 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040969.D
Acq: 27 Oct 2020 02:16

Tgt Ion: 83 Resp: 565
Ion Ratio Lower Upper
83 100
85 69.8 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

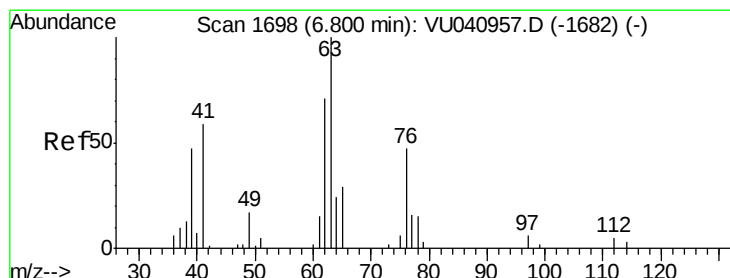
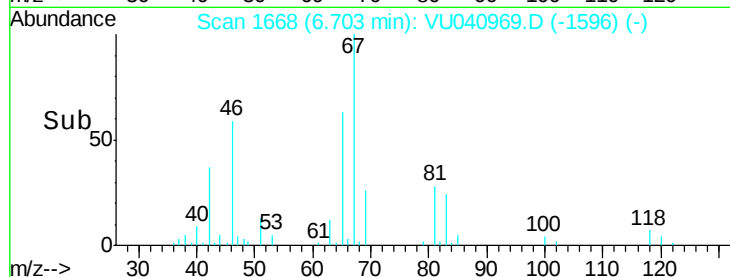
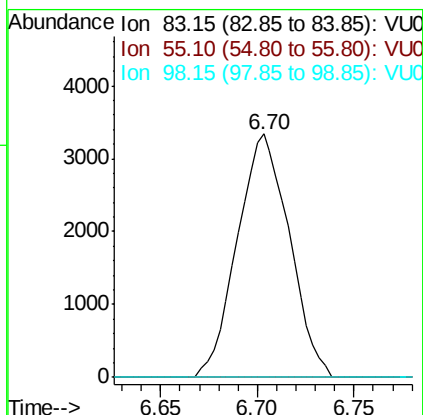
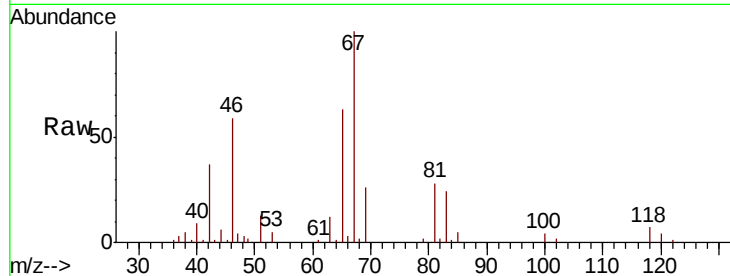




#35
Methvlcvclohexane
Concen: 0.908 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040969.D
Acq: 27 Oct 2020 02:16

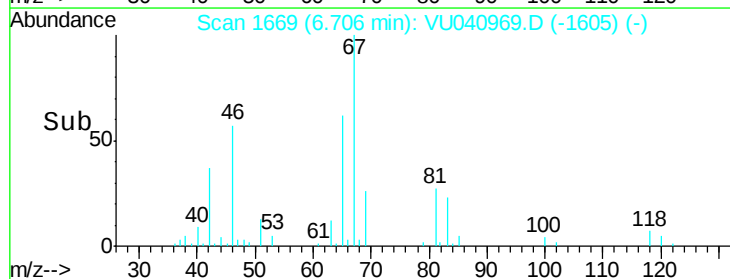
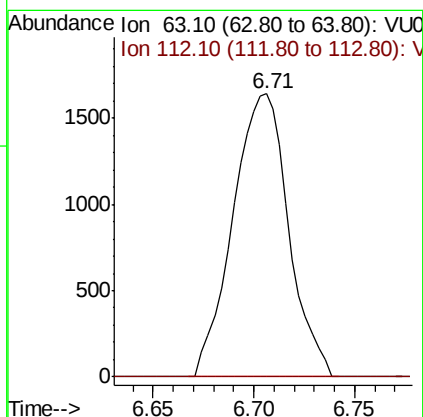
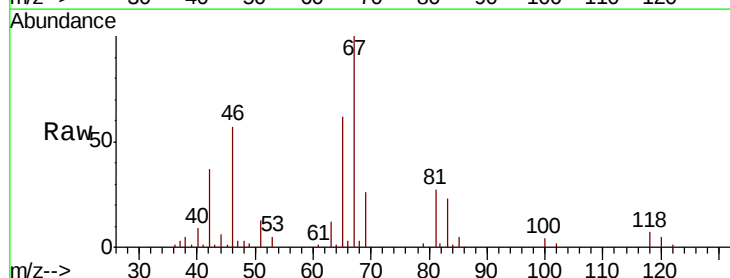
Instrument :
MSVOA_U
ClientSampleId :
C0AN9

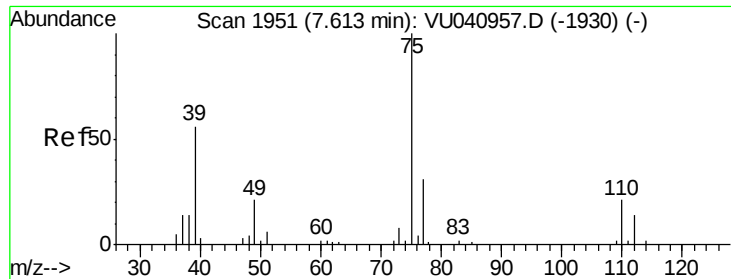
Tot Ion: 83 Resp: 6252
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040969.D
Acq: 27 Oct 2020 02:16

Tgt Ion: 63 Resp: 3160
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

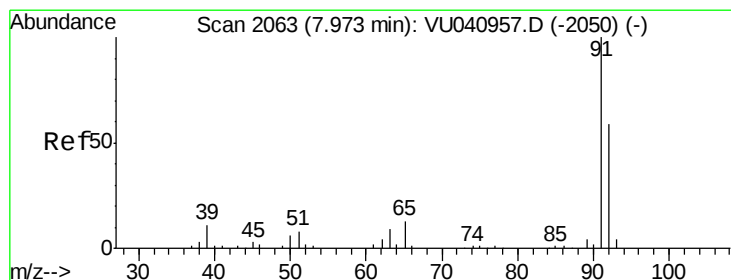
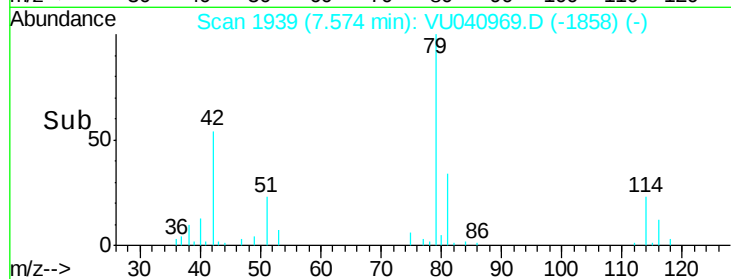
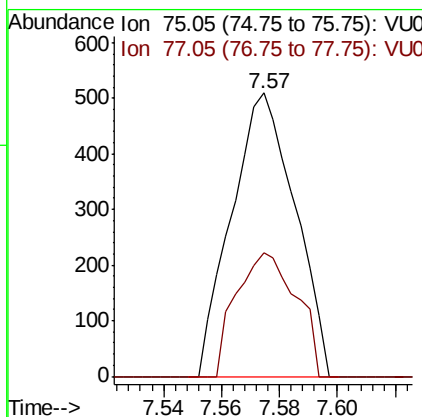
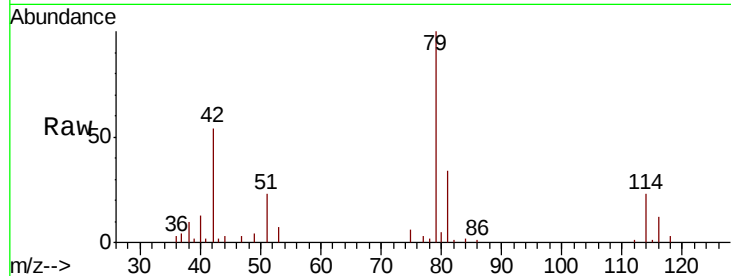




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040969.D
 Acq: 27 Oct 2020 02:16

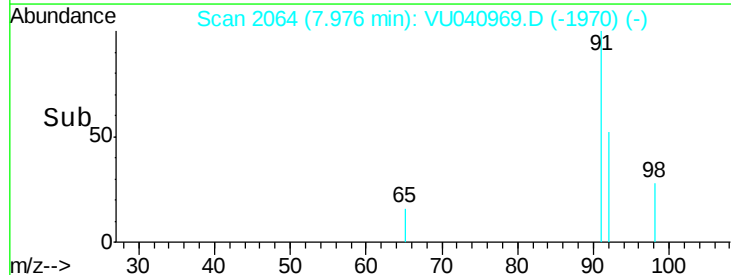
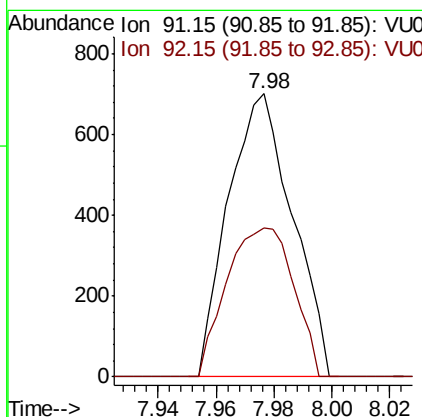
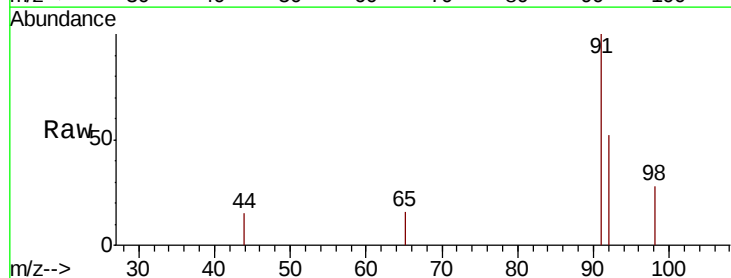
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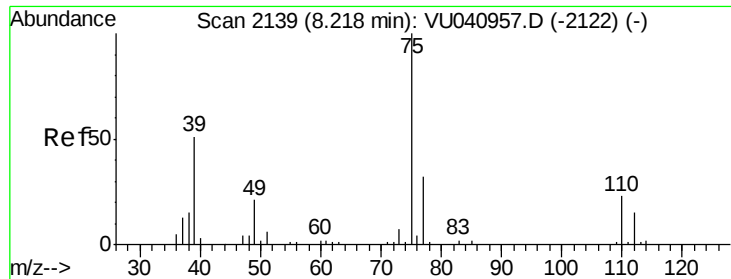
Tot Ion: 75 Resp: 773
 Ion Ratio Lower Upper
 75 100
 77 43.4 22.7 42.3#



#42
 Toluene
 Concen: 0.058 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040969.D
 Acq: 27 Oct 2020 02:16

Tgt Ion: 91 Resp: 1072
 Ion Ratio Lower Upper
 91 100
 92 52.5 40.6 75.4

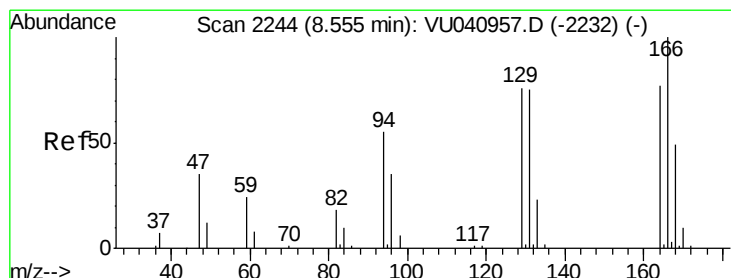
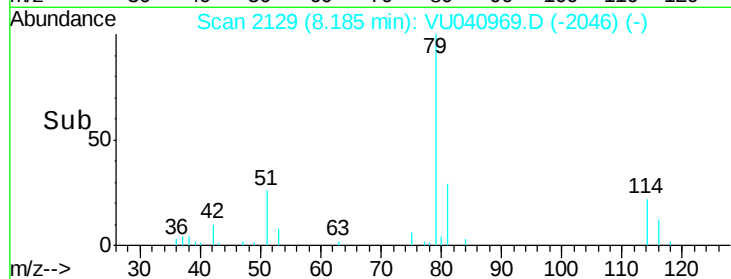
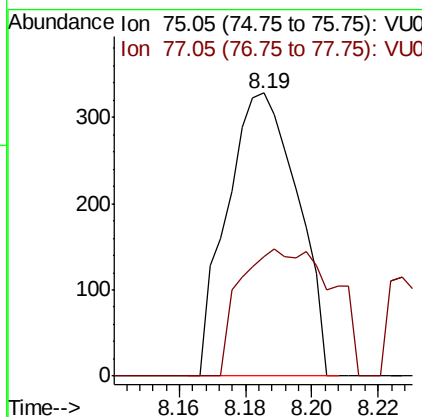
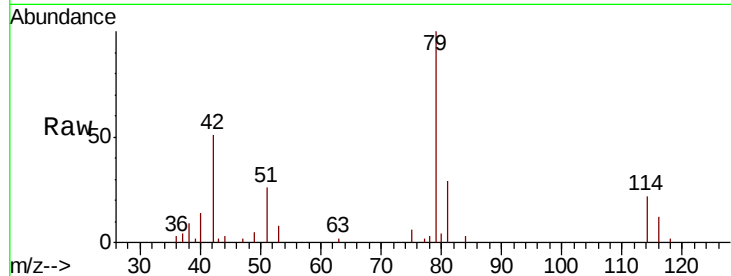




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040969.D
Acq: 27 Oct 2020 02:16

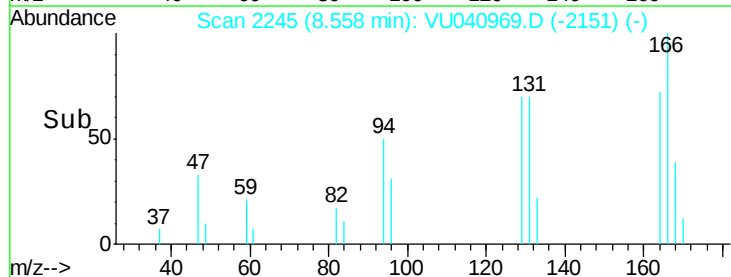
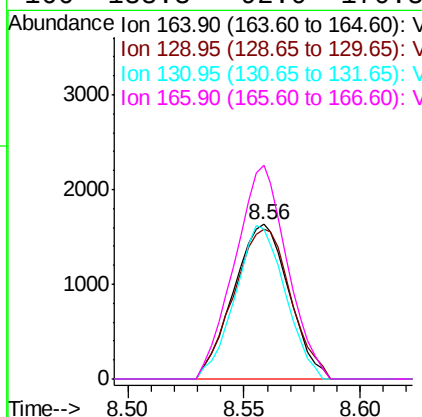
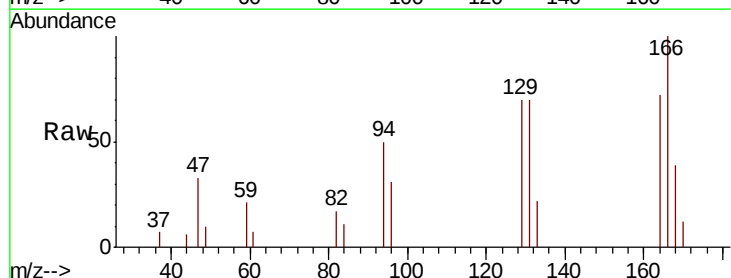
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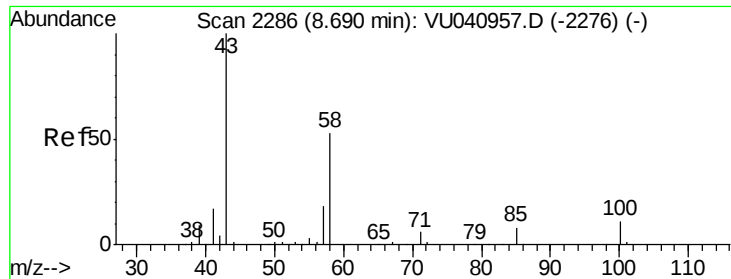
Tot Ion: 75 Resp: 486
Ion Ratio Lower Upper
75 100
77 42.4 23.3 43.3



#47
Tetrachloroethene
Concen: 0.797 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040969.D
Acq: 27 Oct 2020 02:16

Tgt Ion: 164 Resp: 2704
Ion Ratio Lower Upper
164 100
129 97.1 70.3 130.7
131 97.0 70.8 131.4
166 138.3 92.0 170.8

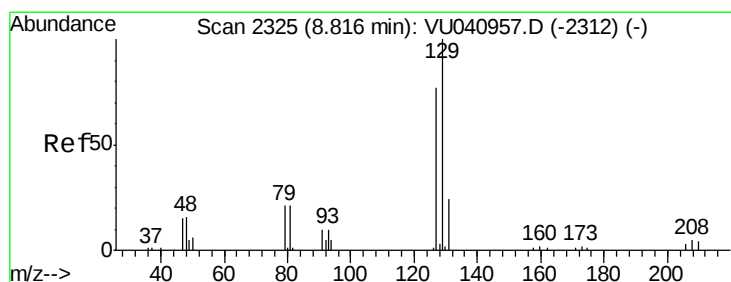
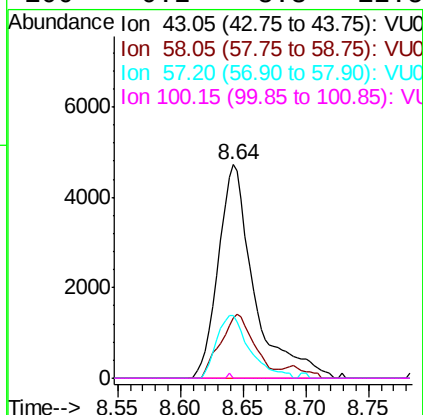
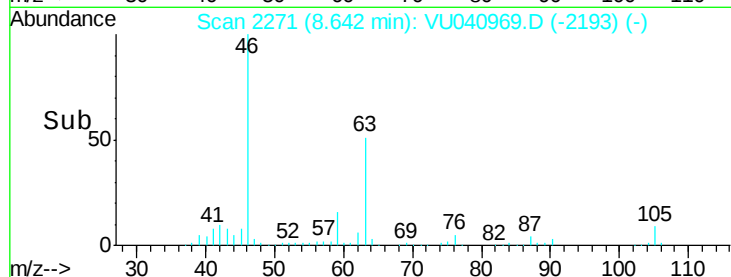
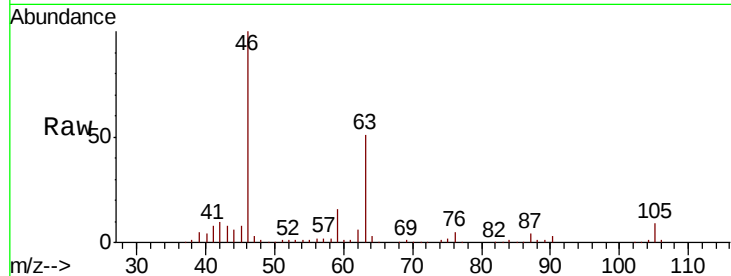




#48
2-Hexanone
Concen: 3.173 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040969.D
Acq: 27 Oct 2020 02:16

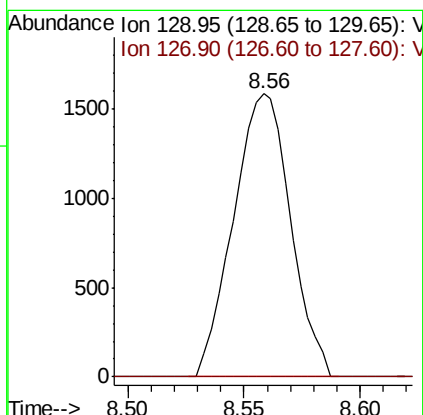
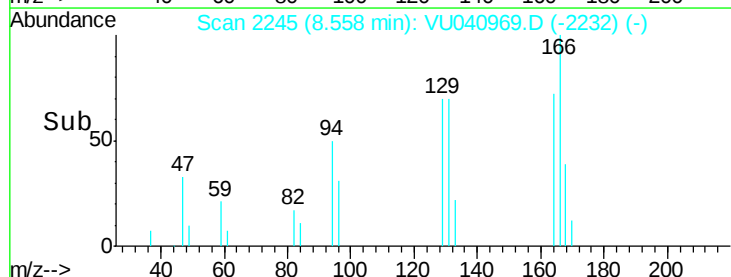
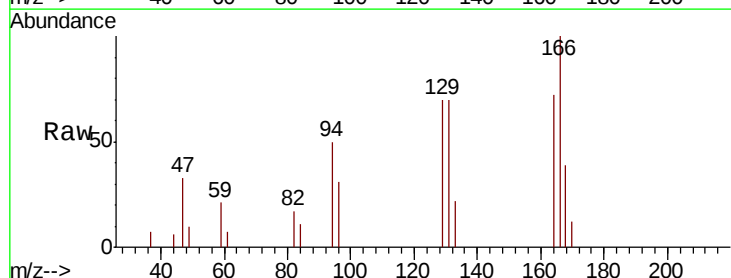
Instrument :
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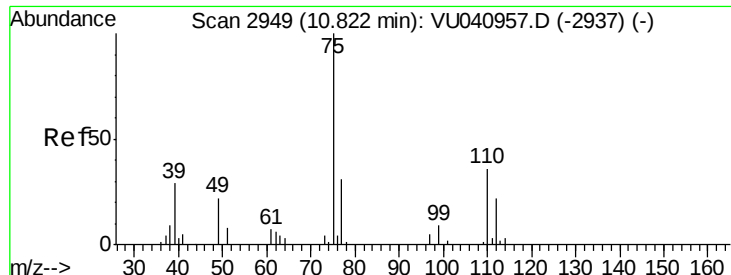
Tot Ion: 43 Resp: 9351
Ion Ratio Lower Upper
43 100
58 28.5 41.4 62.2#
57 27.1 14.6 21.8#
100 0.2 8.3 12.5#



#49
Dibromochloromethane
Concen: 0.639 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.26 min
Lab File: VU040969.D
Acq: 27 Oct 2020 02:16

Tgt Ion: 129 Resp: 2712
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#59

1,2,3-Trichloropropane

Concen: 0.926 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040969.D

Acq: 27 Oct 2020 02:16

Instrument :

MSVOA_U

ClientSampleId :

C0AN9

Tot Ion: 75 Resp: 3389

Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5

