

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010421\
 Data File : VU041838.D
 Acq On : 04 Jan 2021 11:55
 Operator : SY/MD
 Sample : VU0104WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 05 01:01:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 05 01:00:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	160559	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	164322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	60968	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.92	69	56830	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.57	63	85321	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.65	46	195516	54.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.44%
24) Chloroform-d	5.08	84	120087	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.71	65	64564	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.74	84	221531	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	73084	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.90	98	180017	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.18	79	27861	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.64	63	155542	42.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	59942	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	64581	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

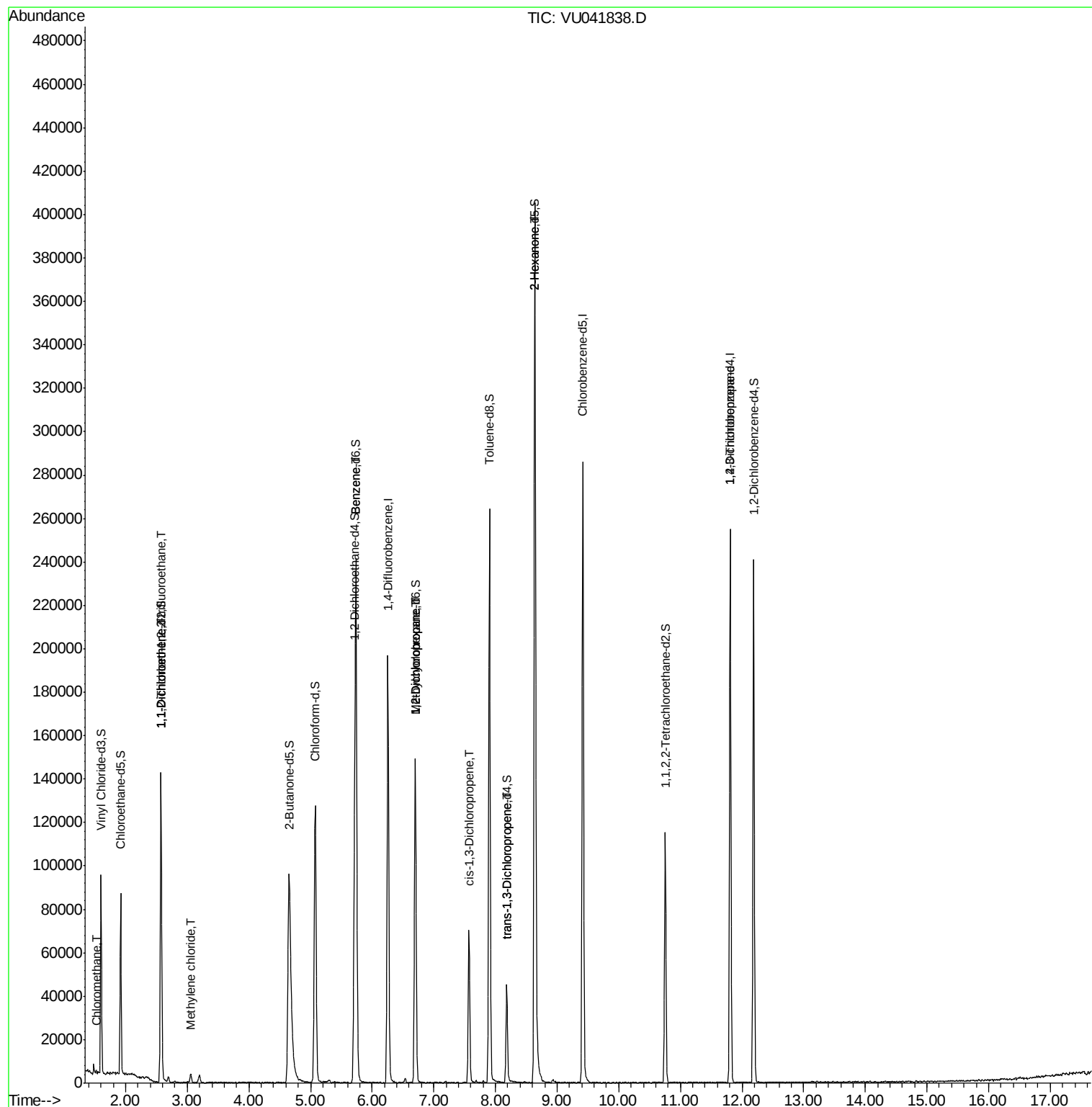
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	817	0.062	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	771	0.070	ug/L #	22
12) 1,1-Dichloroethene	2.57	96	841	0.077	ug/L #	1
16) Methylene chloride	3.06	84	2090	0.161	ug/L	88
33) Benzene	5.74	78	1785	0.034	ug/L	100
35) Methylcyclohexane	6.70	83	16399	0.768	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	7472	0.556	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	1620	0.081	ug/L #	44
44) trans-1,3-Dichloropropene	8.18	75	1270	0.071	ug/L	91
48) 2-Hexanone	8.64	43	17931	2.576	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	8494	0.841	ug/L	99

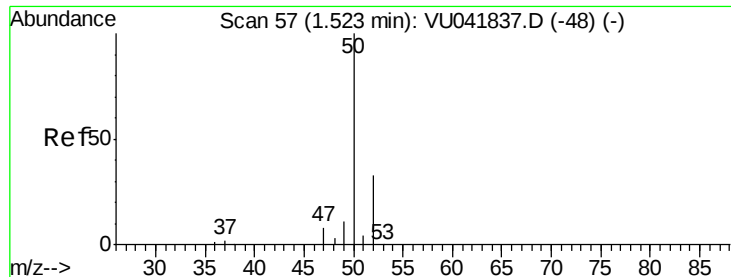
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA U/WATER
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MSVOA_U
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Quant Time: Jan 05 01:01:14 2021
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 05 01:00:34 2021
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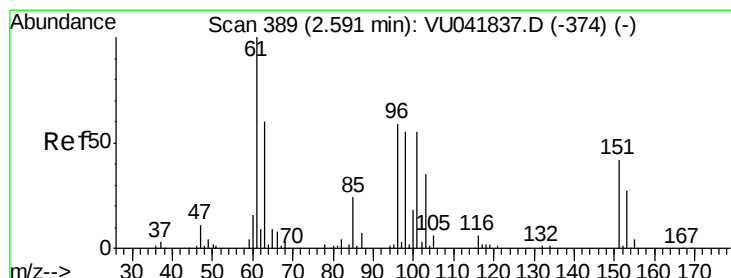
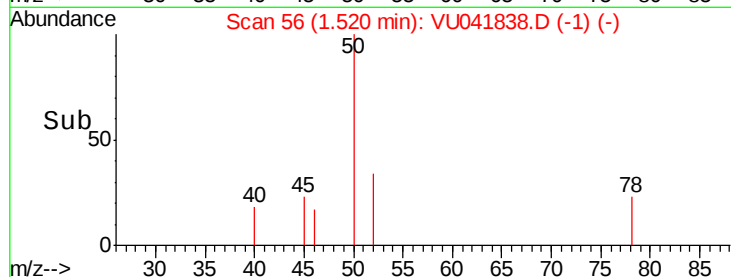
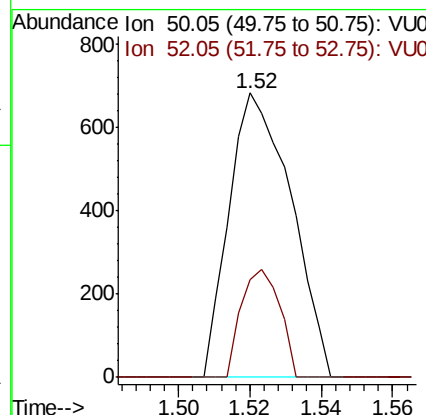
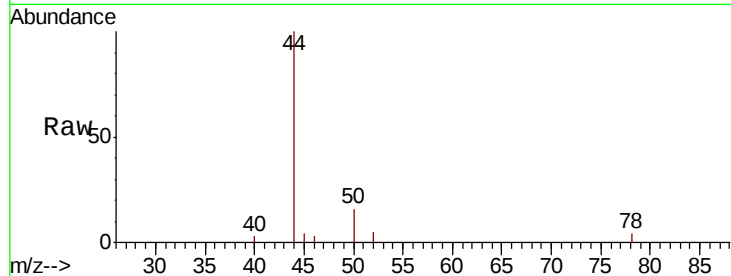




#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.52 min Scan# 56
Delta R.T. -0.00 min
Lab File: VU041838.D
Acq: 04 Jan 2021 11:55

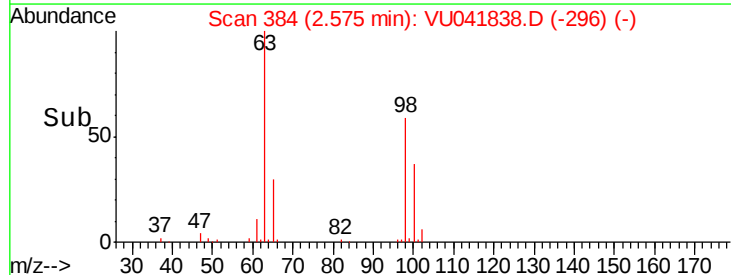
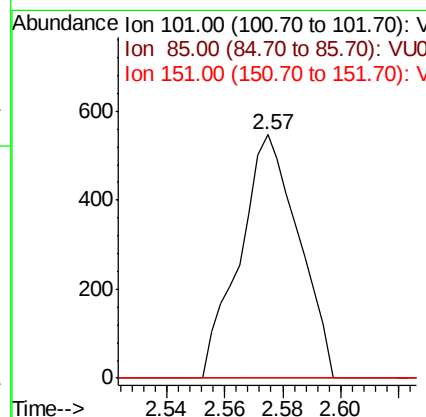
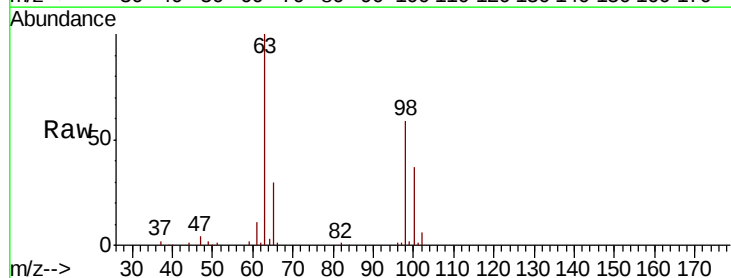
Instrument :
MSVOA_U
ClientSampleId :

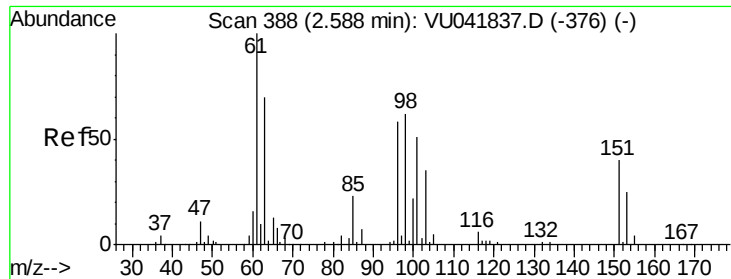
Tot Ion: 50 Resp: 817
Ion Ratio Lower Upper
50 100
52 34.0 24.1 44.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041838.D
Acq: 04 Jan 2021 11:55

Tgt Ion: 101 Resp: 771
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 56.2 84.4#

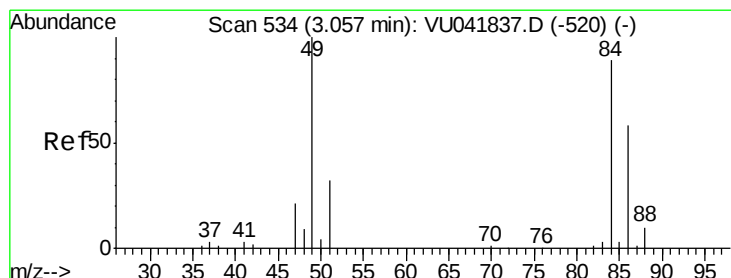
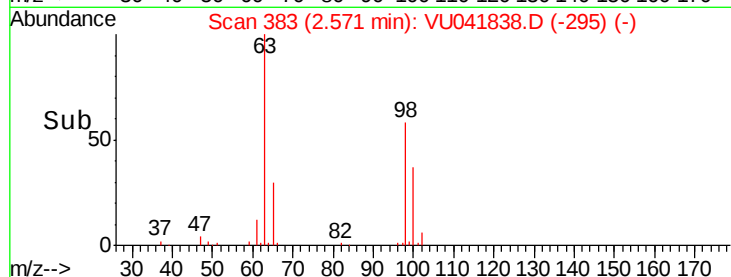
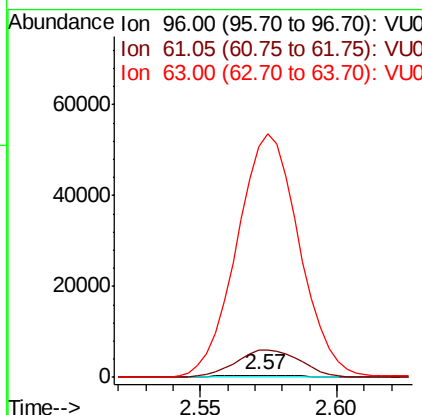
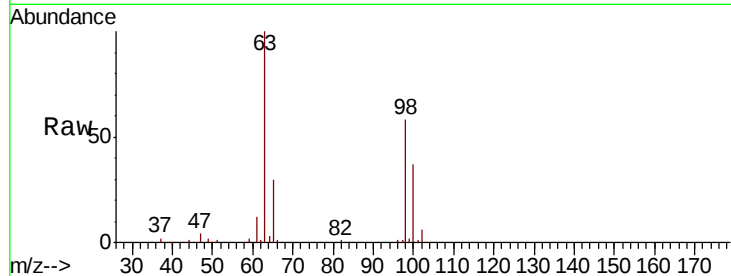




#12
 1,1-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.57 min Scan# 383
 Delta R.T. -0.02 min
 Lab File: VU041838.D
 Acq: 04 Jan 2021 11:55

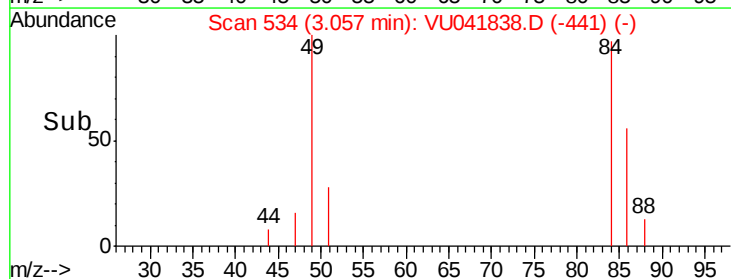
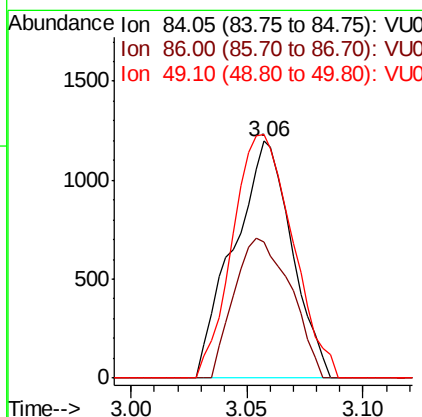
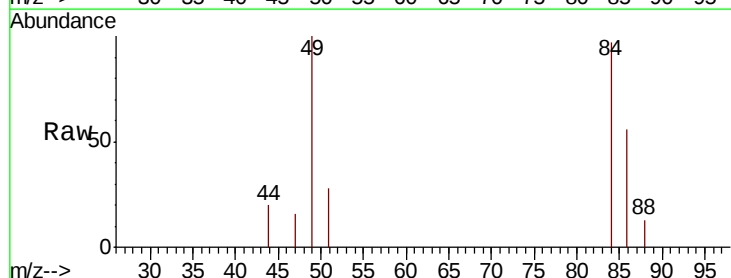
Instrument :
 MSVOA_U
 ClientSampleId :

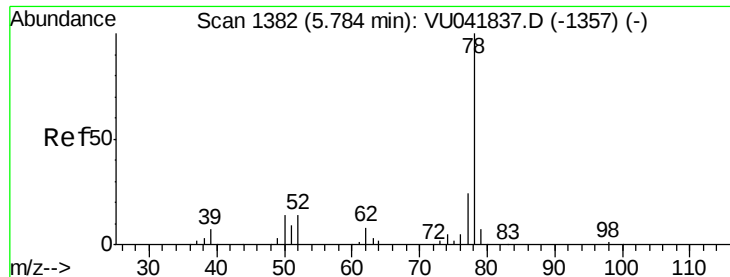
Tot Ion: 96 Resp: 841
 Ion Ratio Lower Upper
 96 100
 61 1285.6 123.8 230.0#
 63 10929.3 81.0 150.4#



#16
 Methylene chloride
 Concen: 0.161 ug/L
 RT: 3.06 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VU041838.D
 Acq: 04 Jan 2021 11:55

Tgt Ion: 84 Resp: 2090
 Ion Ratio Lower Upper
 84 100
 86 57.8 45.1 83.7
 49 102.9 83.1 154.3





#33

Benzene

Concen: 0.034 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VU041838.D

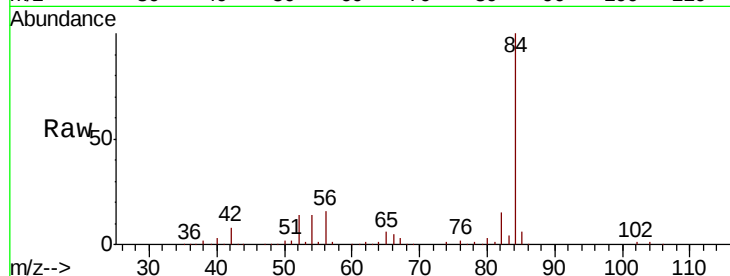
Acq: 04 Jan 2021 11:55

Instrument :

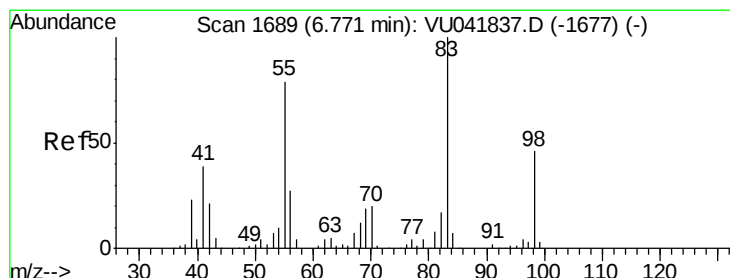
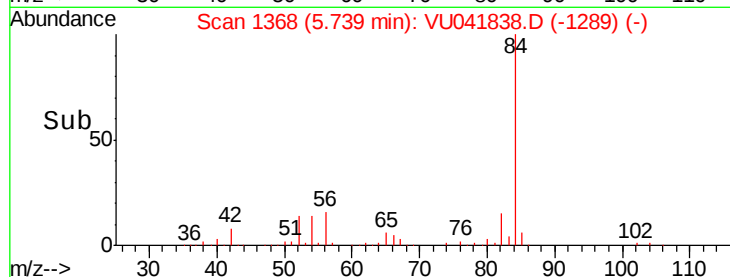
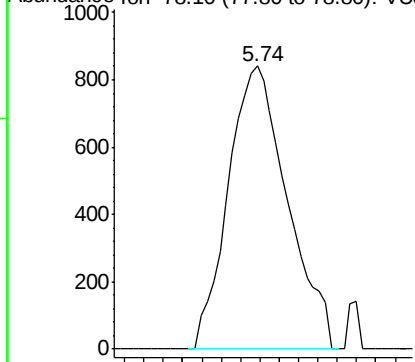
MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 1785



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041838.D

Acq: 04 Jan 2021 11:55

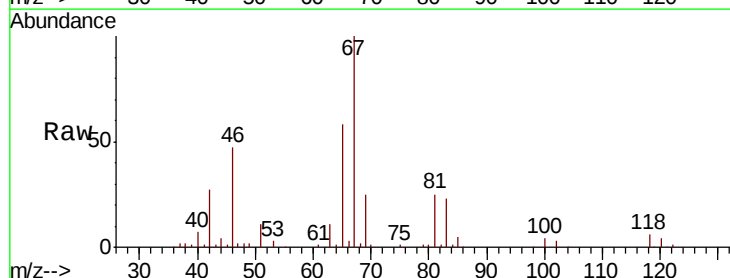
Tgt Ion: 83 Resp: 16399

Ion Ratio Lower Upper

83 100

55 0.1 61.2 91.8#

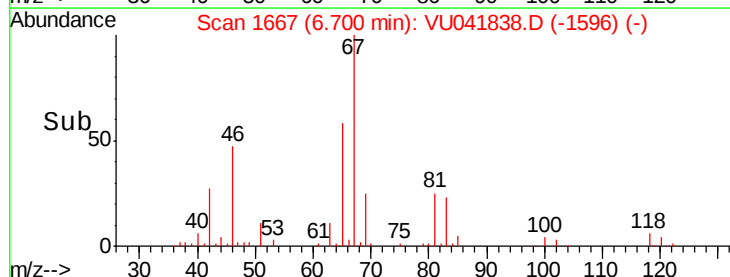
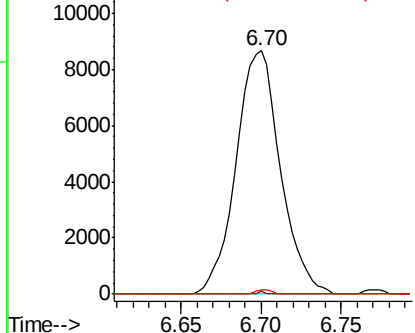
98 0.6 36.6 54.8#

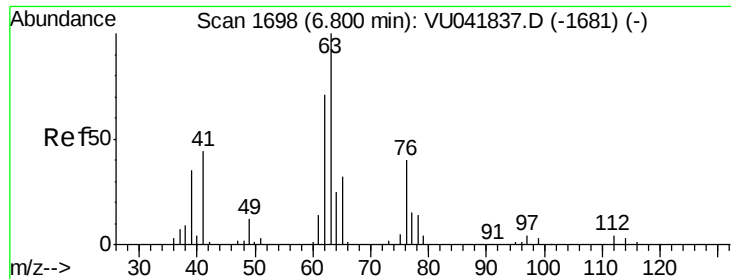


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

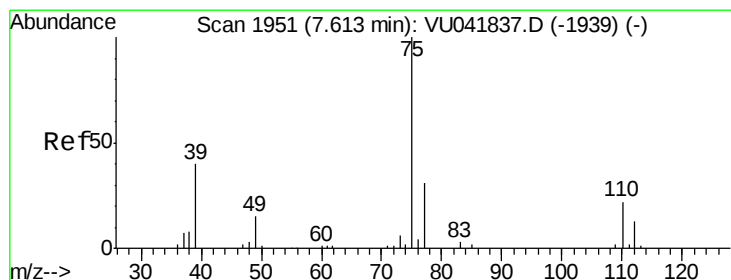
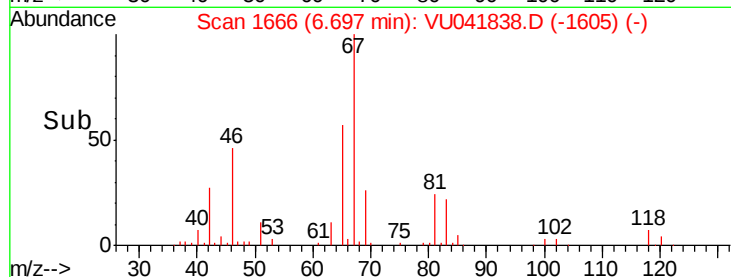
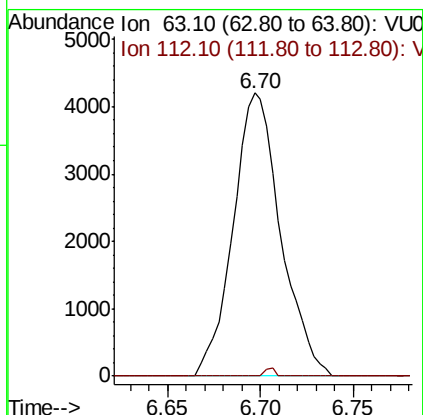
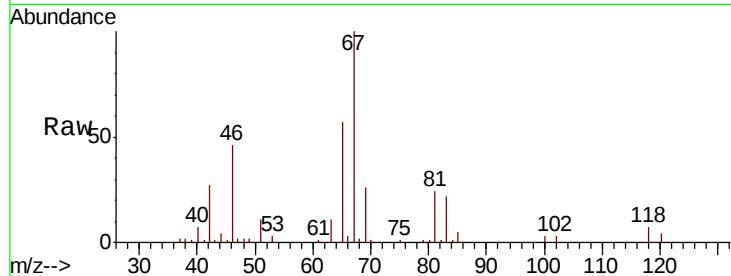




#37
 1,2-Dichloropropane
 Concen: 0.556 ug/L
 RT: 6.70 min Scan# 1666
 Delta R.T. -0.10 min
 Lab File: VU041838.D
 Acq: 04 Jan 2021 11:55

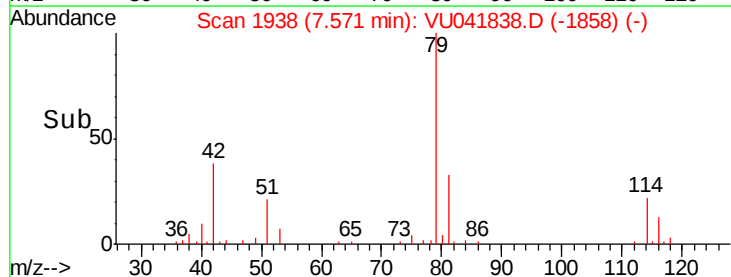
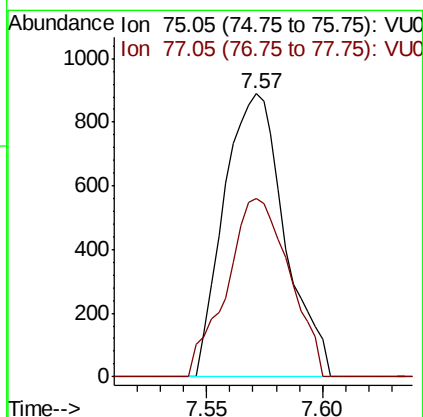
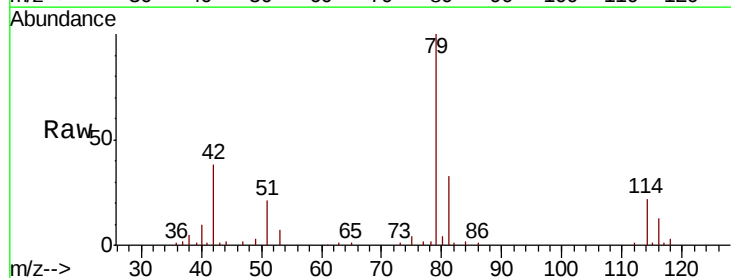
Instrument :
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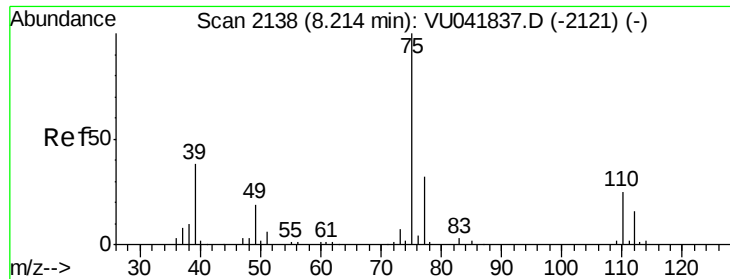
Tot Ion: 63 Resp: 7472
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041838.D
 Acq: 04 Jan 2021 11:55

Tgt Ion: 75 Resp: 1620
 Ion Ratio Lower Upper
 75 100
 77 63.0 22.3 41.3#

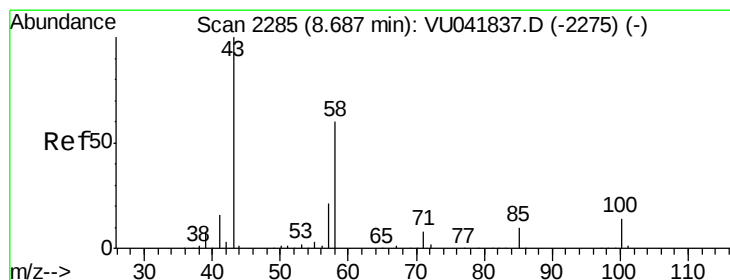
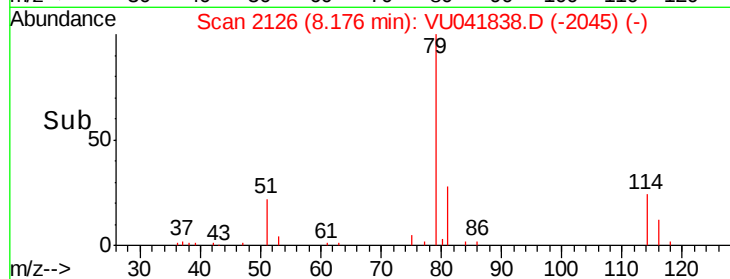
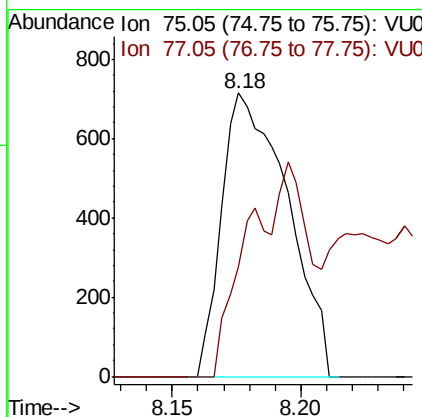
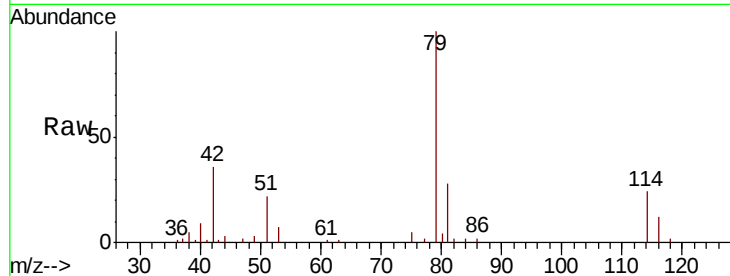




#44
trans-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 8.18 min Scan# 2126
Delta R.T. -0.04 min
Lab File: VU041838.D
Acq: 04 Jan 2021 11:55

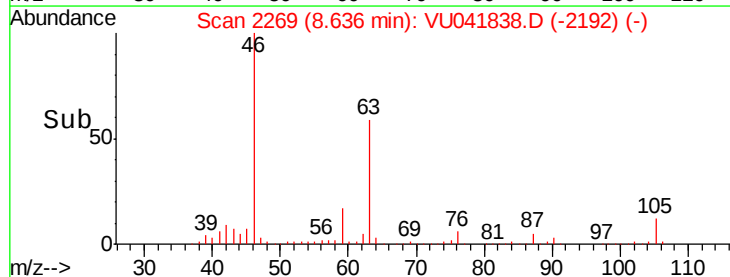
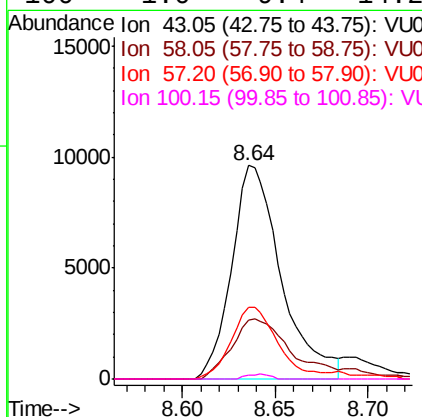
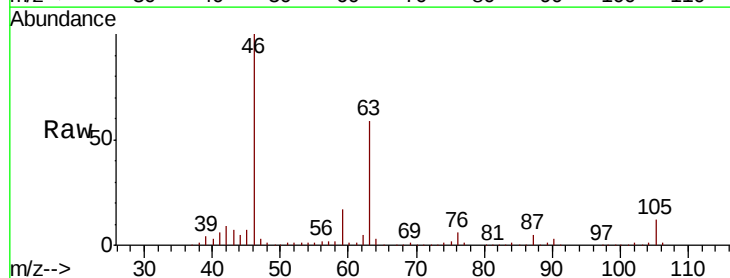
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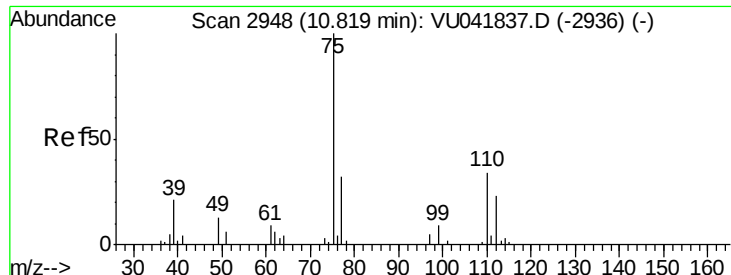
Tot Ion: 75 Resp: 1270
Ion Ratio Lower Upper
75 100
77 38.9 23.8 44.2



#48
2-Hexanone
Concen: 2.576 ug/L
RT: 8.64 min Scan# 2269
Delta R.T. -0.05 min
Lab File: VU041838.D
Acq: 04 Jan 2021 11:55

Tgt Ion: 43 Resp: 17931
Ion Ratio Lower Upper
43 100
58 33.2 47.9 71.9#
57 31.8 16.5 24.7#
100 1.0 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.841 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041838.D

Acq: 04 Jan 2021 11:55

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8494

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

