

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010421\
 Data File : VU041845.D
 Acq On : 04 Jan 2021 15:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 05 01:02:28 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	161639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	157464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70799	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	48401	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.92	69	49451	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.57	63	73046	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	159697	43.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.98%
24) Chloroform-d	5.08	84	101663	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.71	65	54404	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.74	84	191097	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	58023	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.90	98	149783	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.19	79	21735	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.64	63	120653	34.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52001	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	57693	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

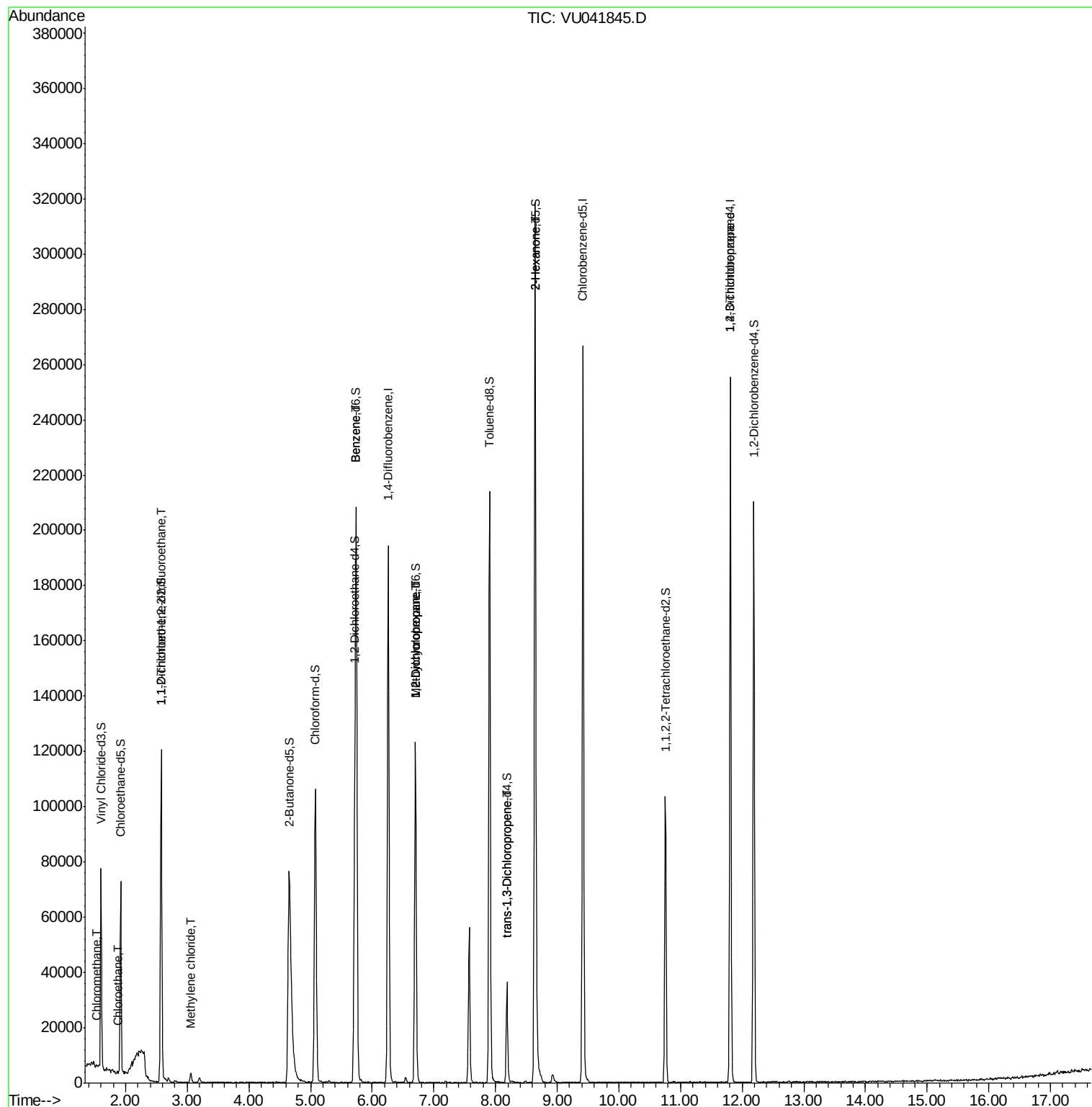
					Ovalue
3) Chloromethane	1.52	50	660	0.050 ug/L #	75
8) Chloroethane	1.86	64	377	0.038 ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	630	0.057 ug/L #	22
16) Methylene chloride	3.06	84	1628	0.124 ug/L	89
33) Benzene	5.74	78	1641	0.033 ug/L	100
35) Methylcyclohexane	6.70	83	14070	0.688 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6423	0.499 ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	845	0.050 ug/L #	57
48) 2-Hexanone	8.64	43	13232	1.984 ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	7423	0.767 ug/L	91

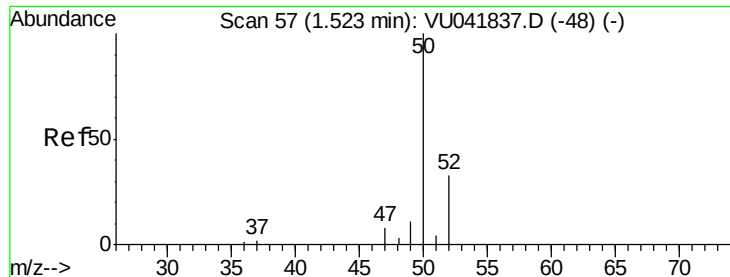
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.050 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041845.D

Acq: 04 Jan 2021 15:30

Instrument :

MSVOA_U

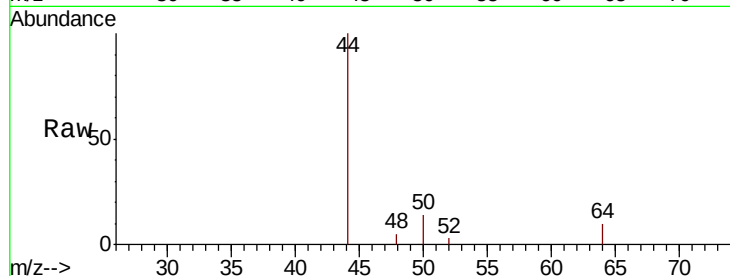
ClientSampleId :

Tot Ion: 50 Resp: 660

Ion Ratio Lower Upper

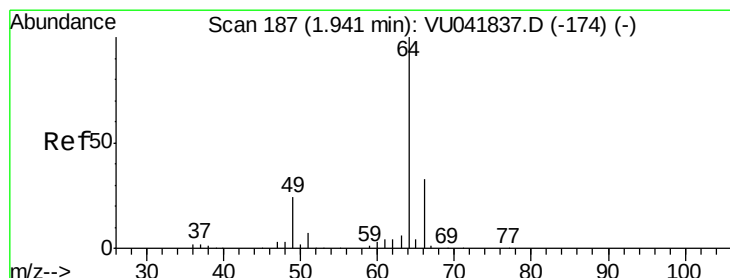
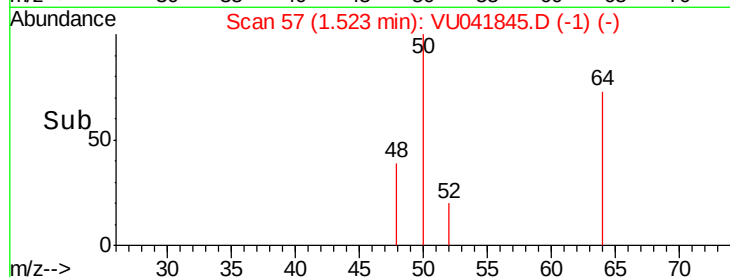
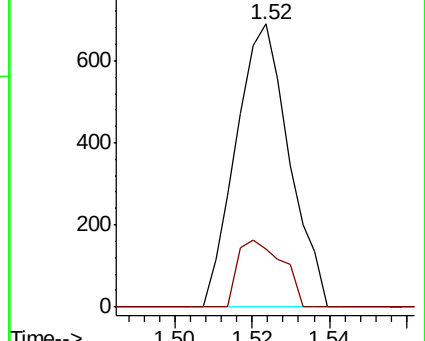
50 100

52 20.3 24.1 44.8#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.038 ug/L

RT: 1.86 min Scan# 162

Delta R.T. -0.08 min

Lab File: VU041845.D

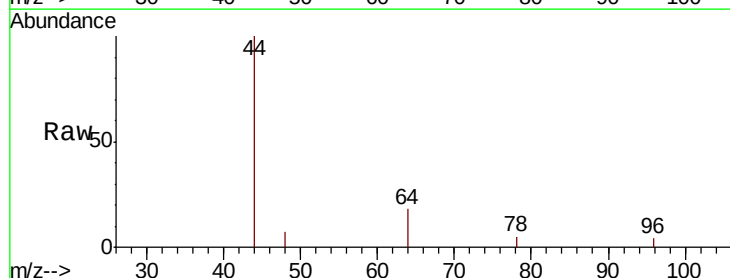
Acq: 04 Jan 2021 15:30

Tgt Ion: 64 Resp: 377

Ion Ratio Lower Upper

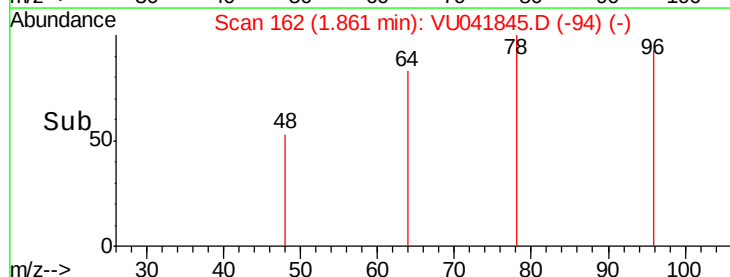
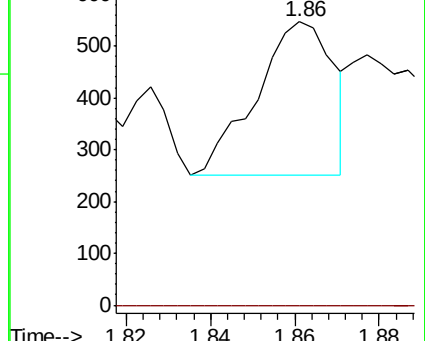
64 100

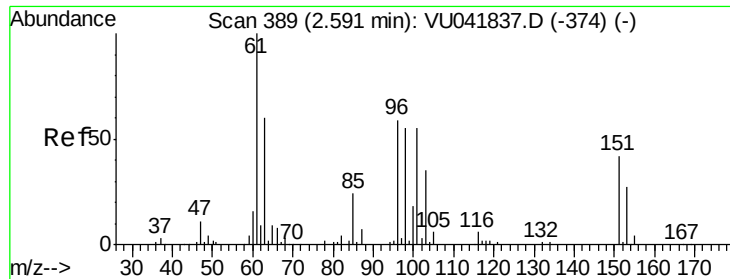
66 0.0 21.6 40.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#10

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

Concen: 0.057 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041845.D

Acq: 04 Jan 2021 15:30

Instrument :

MSVOA_U

ClientSampled :

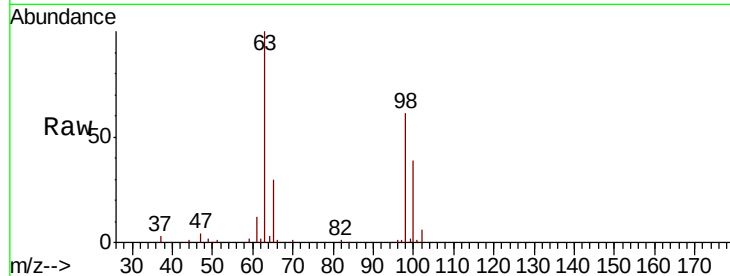
Tot Ion:101 Resp: 630

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



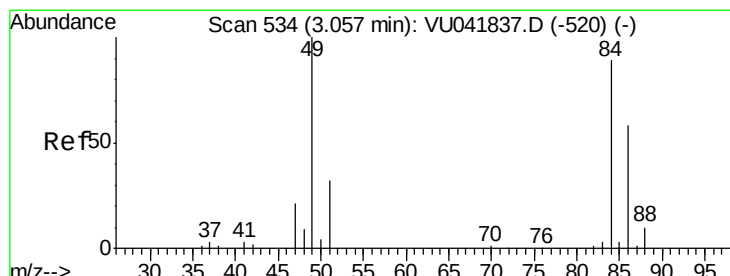
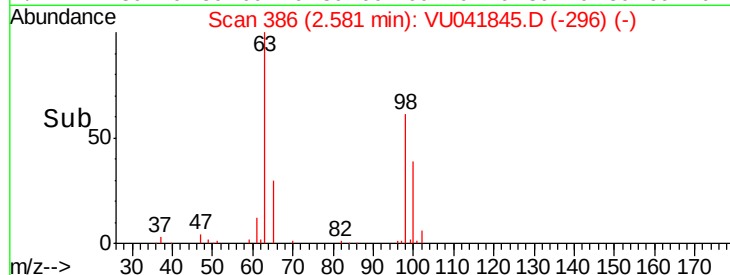
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

Time-->

2.54 2.56 2.58 2.60



#16

Methylene chloride

Concen: 0.124 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU041845.D

Acq: 04 Jan 2021 15:30

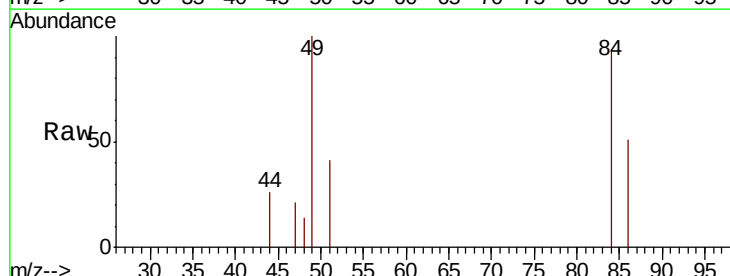
Tgt Ion: 84 Resp: 1628

Ion Ratio Lower Upper

84 100

86 54.8 45.1 83.7

49 108.0 83.1 154.3



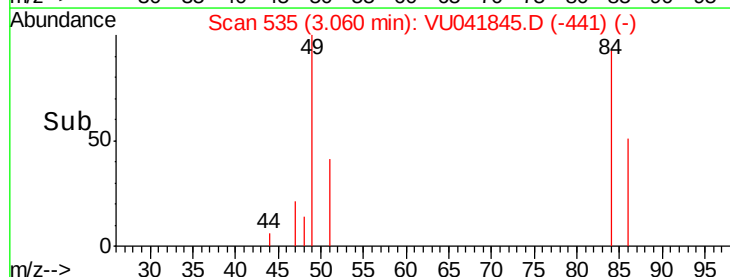
Abundance Ion 84.05 (83.75 to 84.75): VU0

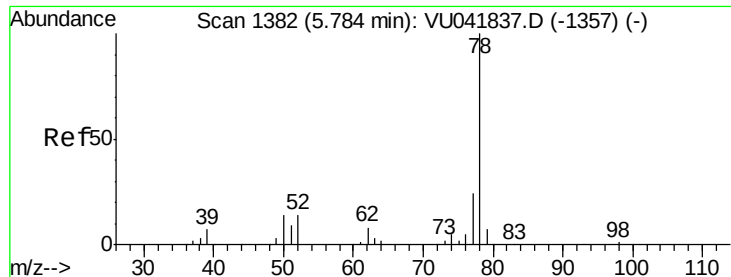
Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

Time-->

3.00 3.05 3.10

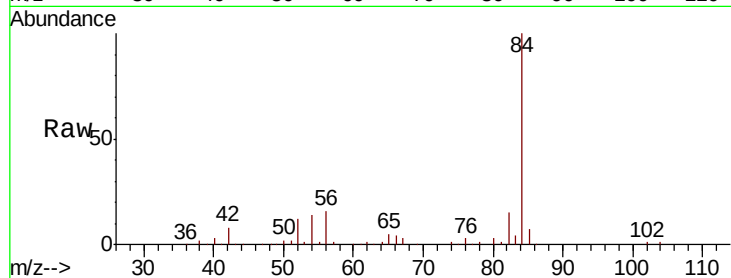




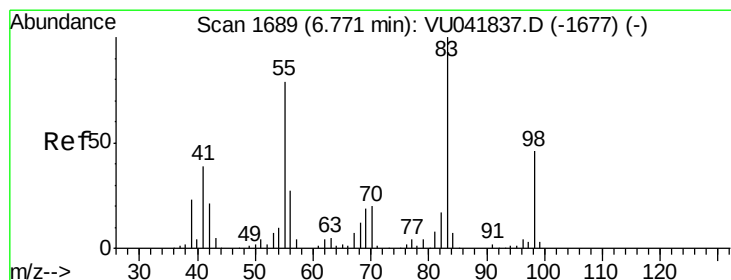
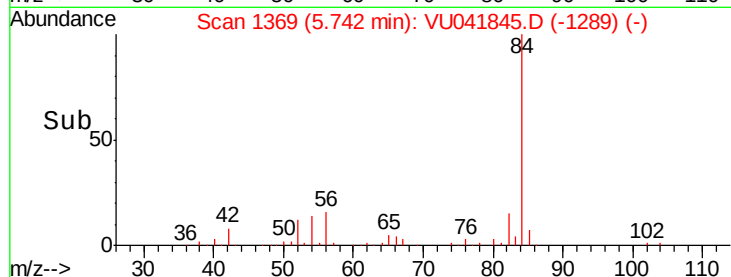
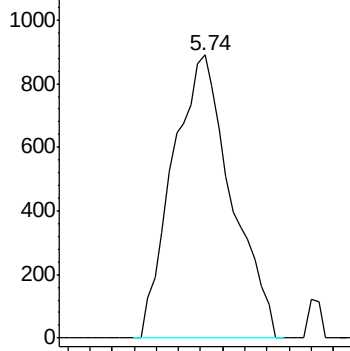
#33
Benzene
Concen: 0.033 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.04 min
Lab File: VU041845.D
Acq: 04 Jan 2021 15:30

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 1641

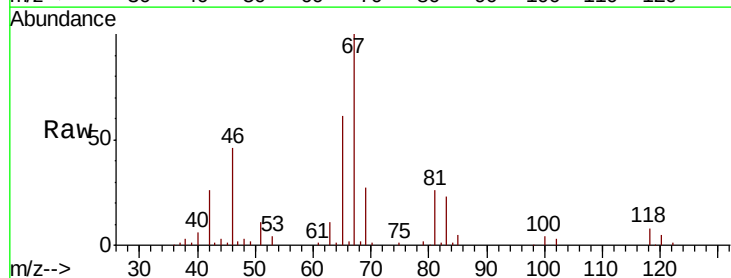


Abundance Ion 78.10 (77.80 to 78.80): VU0



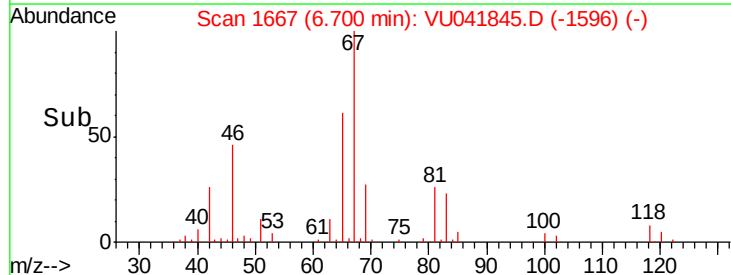
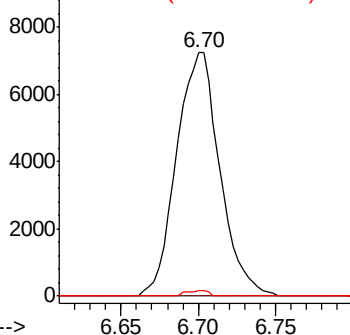
#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041845.D
Acq: 04 Jan 2021 15:30

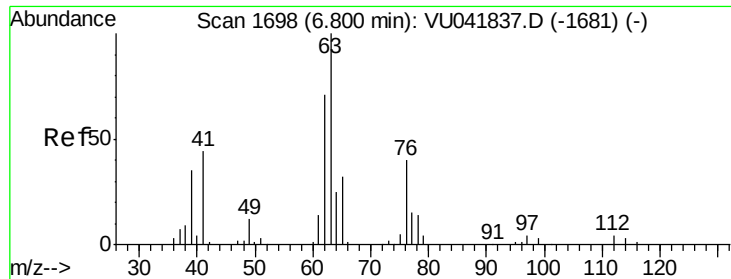
Tgt Ion: 83 Resp: 14070
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.1 36.6 54.8#



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

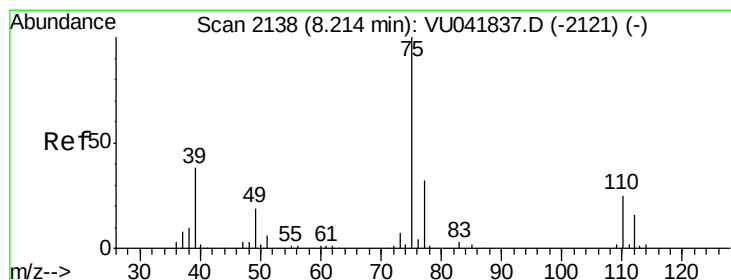
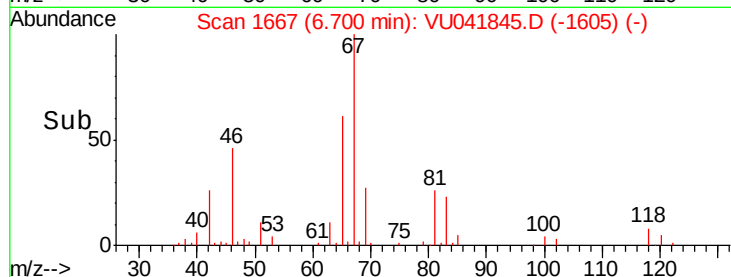
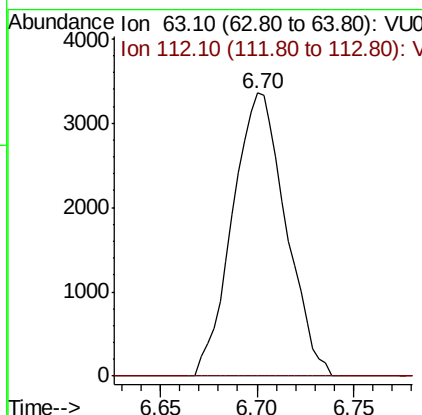
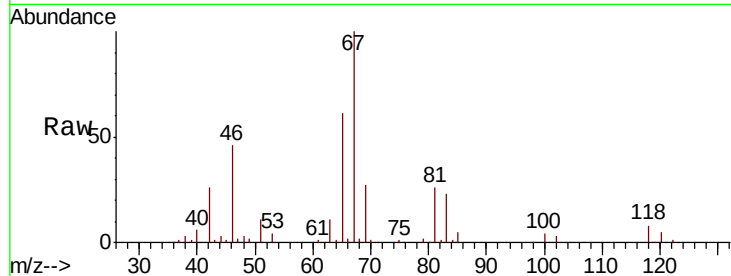




#37
 1,2-Dichloropropane
 Concen: 0.499 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041845.D
 Acq: 04 Jan 2021 15:30

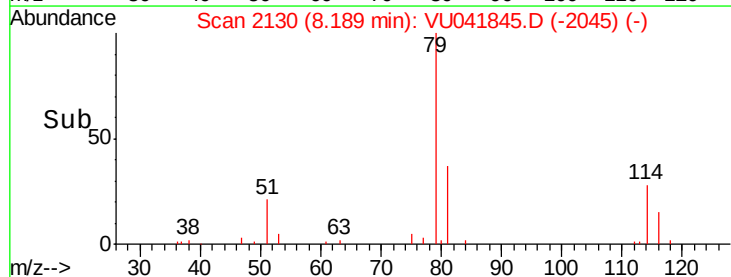
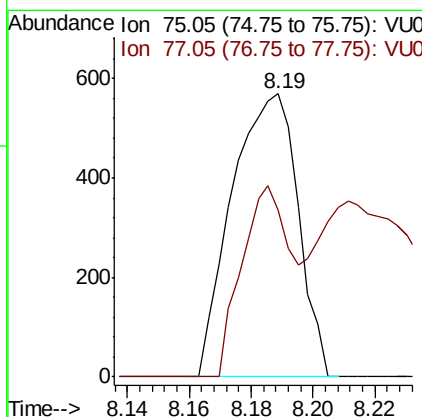
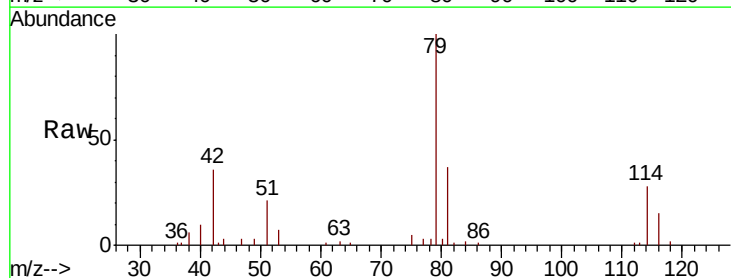
Instrument :
 MSVOA_U
 ClientSampleId :

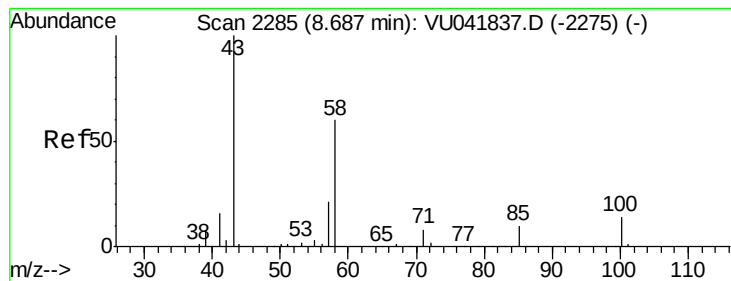
Tot Ion: 63 Resp: 6423
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.050 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041845.D
 Acq: 04 Jan 2021 15:30

Tgt Ion: 75 Resp: 845
 Ion Ratio Lower Upper
 75 100
 77 58.9 23.8 44.2#





#48

2-Hexanone

Concen: 1.984 ug/L

RT: 8.64 min Scan# 2270

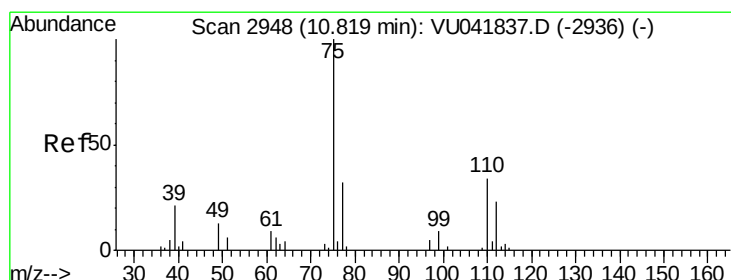
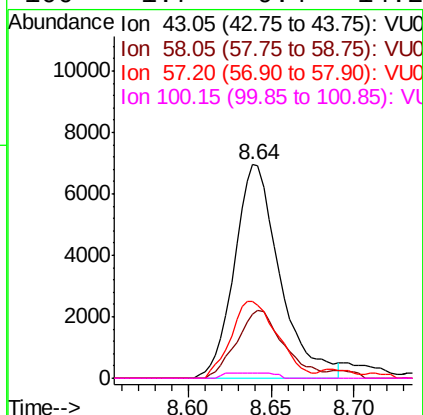
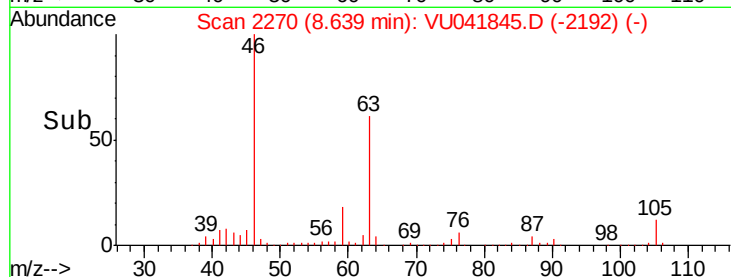
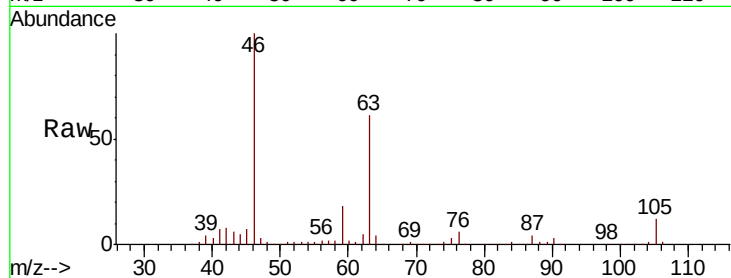
Delta R.T. -0.05 min

Lab File: VU041845.D

Acq: 04 Jan 2021 15:30

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	43	Resp:	13232
Ion	Ratio	Lower	Upper
43	100		
58	32.8	47.9	71.9#
57	37.3	16.5	24.7#
100	1.7	9.4	14.2#



#59

1,2,3-Trichloropropane

Concen: 0.767 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041845.D

Acq: 04 Jan 2021 15:30

Tgt Ion:	75	Resp:	7423
Ion	Ratio	Lower	Upper
75	100		
77	38.0	26.2	39.2

