

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010421\
 Data File : VU041839.D
 Acq On : 04 Jan 2021 12:33
 Operator : SY/MD
 Sample : L5254-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 05 01:01:22 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	194852	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	195072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	80120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	50468	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.92	69	48584	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.57	63	70801	2.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	4.65	46	159443	36.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.88%
24) Chloroform-d	5.08	84	100848	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.71	65	56136	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
32) Benzene-d6	5.74	84	195506	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.00%
36) 1,2-Dichloropropane-d6	6.70	67	65710	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.00%
41) Toluene-d8	7.90	98	159398	3.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.20%#
43) trans-1,3-Dichloropropene-	8.18	79	25659	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	8.64	63	128031	29.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49830	3.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.60%#
64) 1,2-Dichlorobenzene-d4	12.19	152	55341	3.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.60%#

Target Compounds

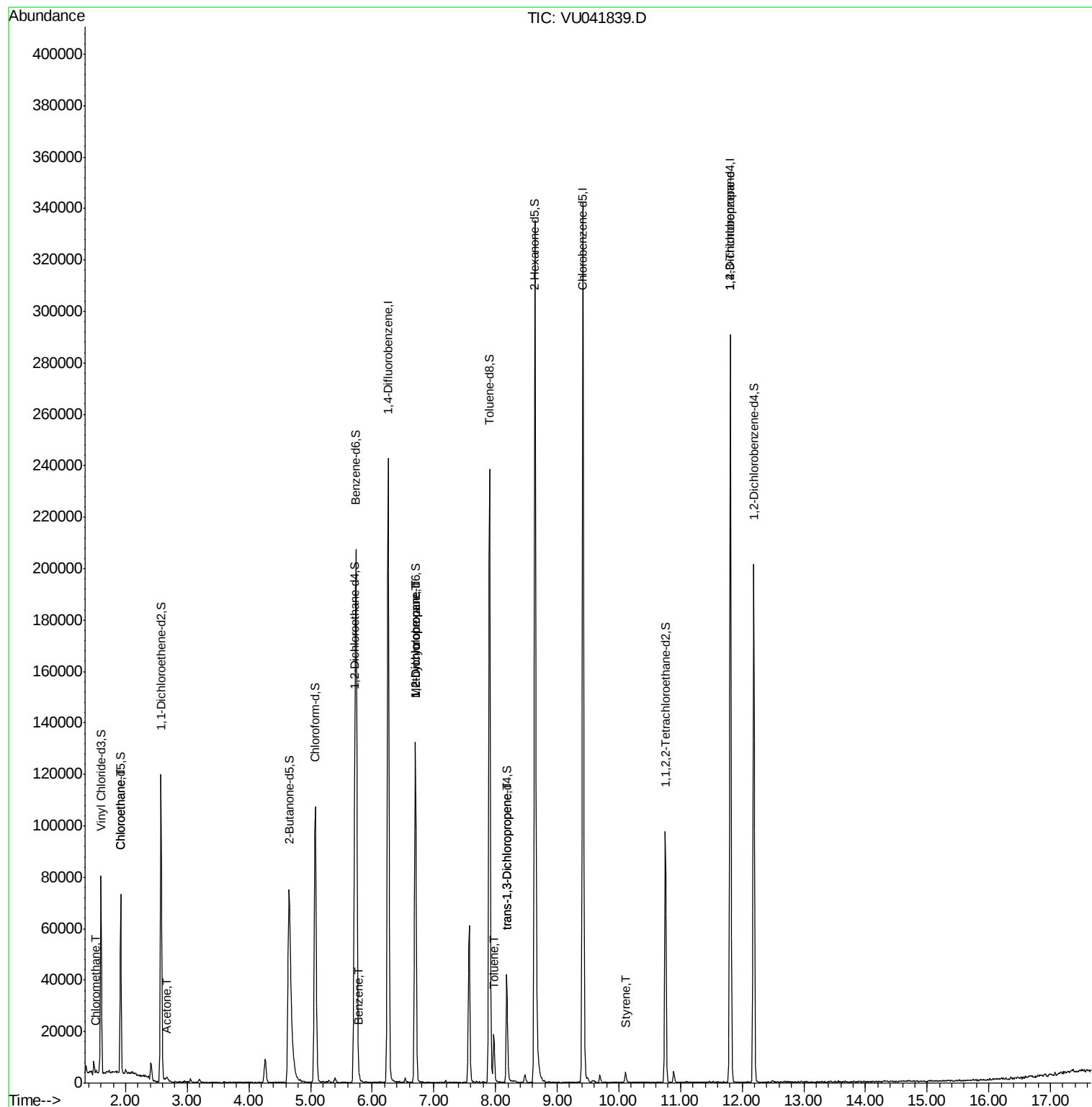
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	775	0.048	ug/L	98
8) Chloroethane	1.92	64	719	0.060	ug/L #	44
13) Acetone	2.67	43	1826	0.656	ug/L	97
33) Benzene	5.79	78	1510	0.024	ug/L	100
35) Methylcyclohexane	6.70	83	14366	0.567	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	6958	0.436	ug/L #	90
42) Toluene	7.97	91	13229	0.205	ug/L	94
44) trans-1,3-Dichloropropene	8.19	75	945	0.045	ug/L #	1
55) Styrene	10.11	104	2033	0.047	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	8807	0.735	ug/L	94

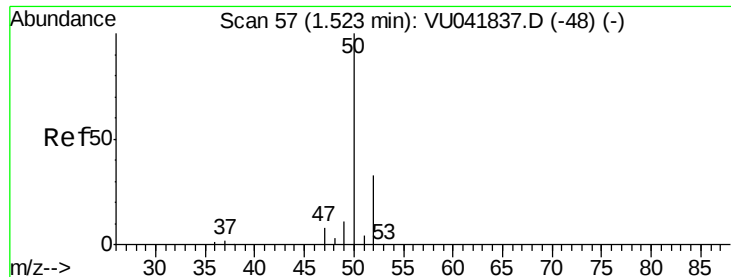
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 04 Jan 2021 12:33
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 05 01:01:22 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





#3

Chloromethane

Concen: 0.048 ug/L

RT: 1.52 min Scan# 56

Delta R.T. -0.00 min

Lab File: VU041839.D

Acq: 04 Jan 2021 12:33

Instrument :

MSVOA_U

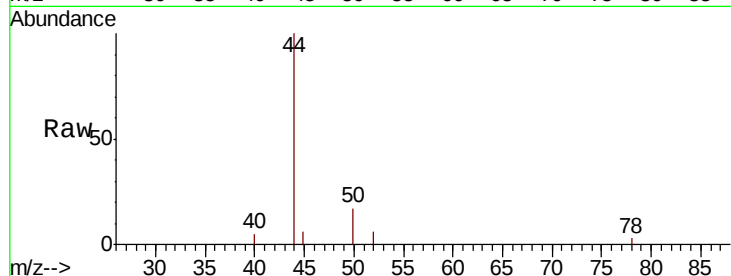
ClientSampleId :

Tot Ion: 50 Resp: 775

Ion Ratio Lower Upper

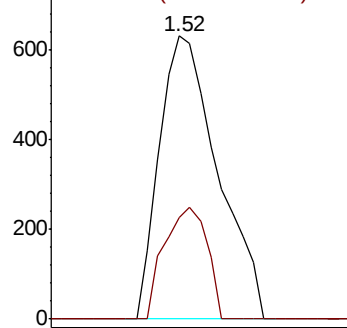
50 100

52 35.8 24.1 44.8

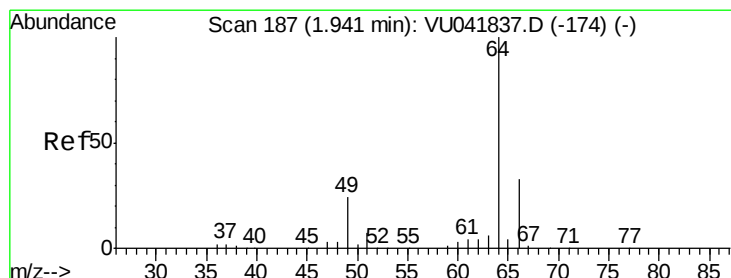
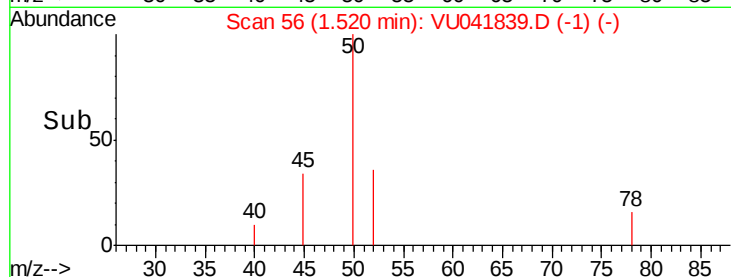


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#8

Chloroethane

Concen: 0.060 ug/L

RT: 1.92 min Scan# 180

Delta R.T. -0.02 min

Lab File: VU041839.D

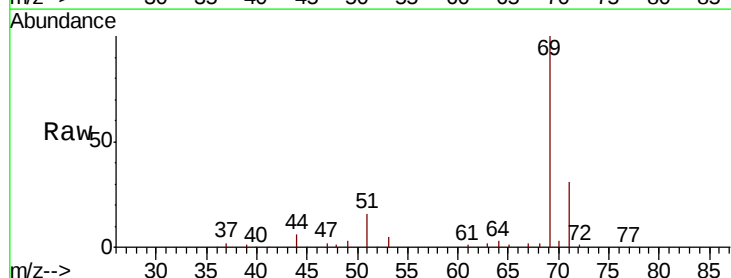
Acq: 04 Jan 2021 12:33

Tgt Ion: 64 Resp: 719

Ion Ratio Lower Upper

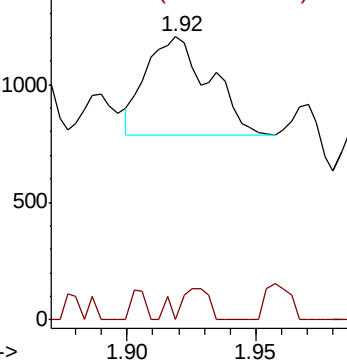
64 100

66 0.0 21.6 40.0#

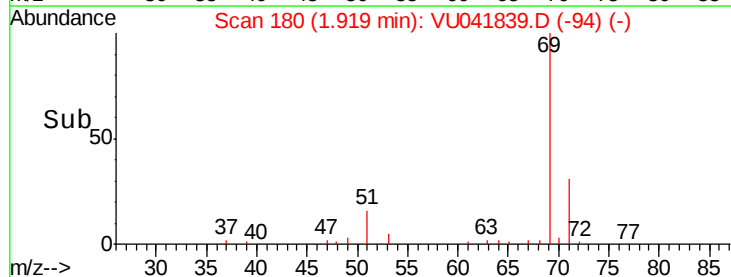


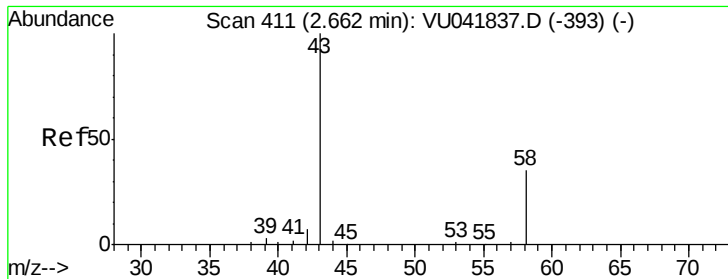
Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



Time-->





#13

Acetone

Concen: 0.656 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU041839.D

Acq: 04 Jan 2021 12:33

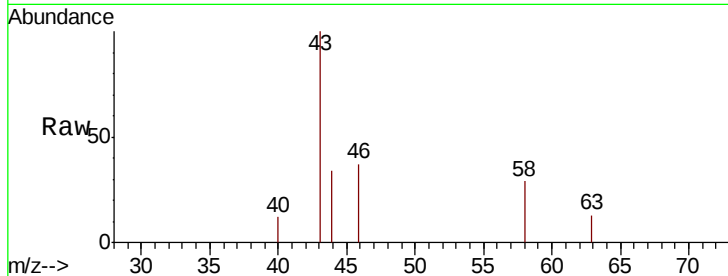
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 1826

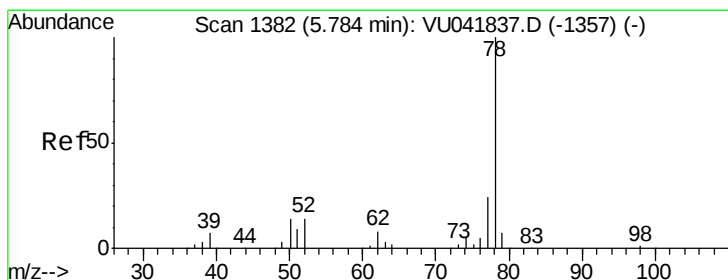
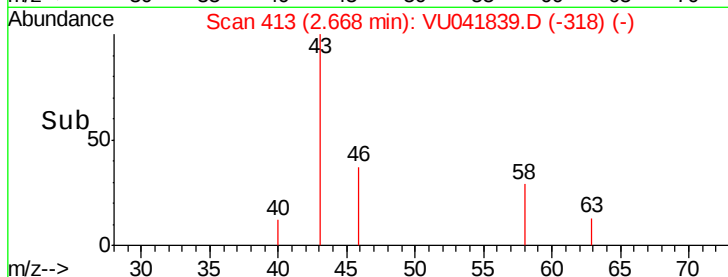
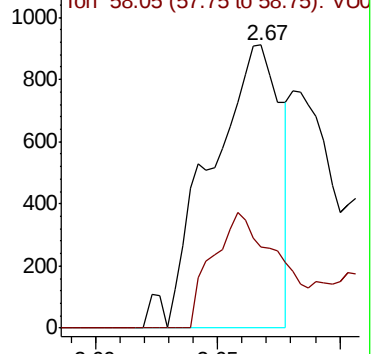
Ion Ratio Lower Upper

43 100

58 38.4 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041839.D (-318) (-)



#33

Benzene

Concen: 0.024 ug/L

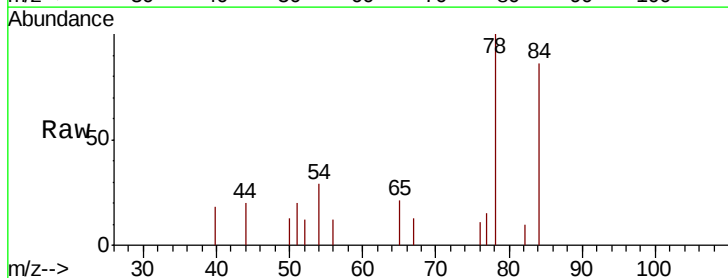
RT: 5.79 min Scan# 1384

Delta R.T. 0.01 min

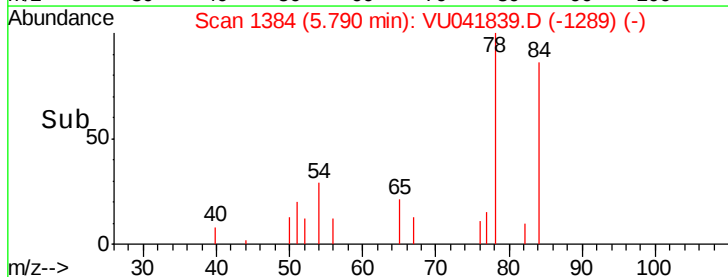
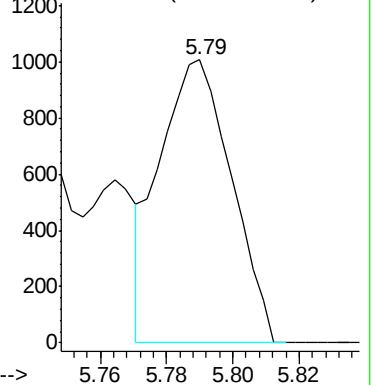
Lab File: VU041839.D

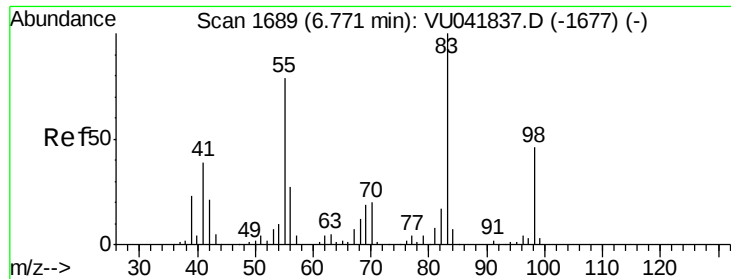
Acq: 04 Jan 2021 12:33

Tgt Ion: 78 Resp: 1510



Abundance Ion 78.10 (77.80 to 78.80): VU041839.D (-1289) (-)

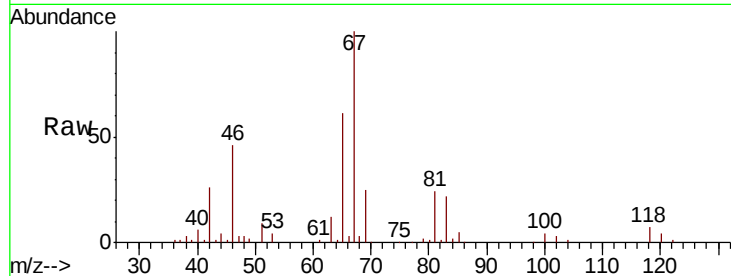




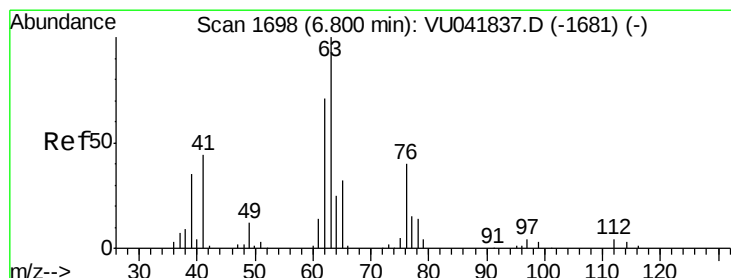
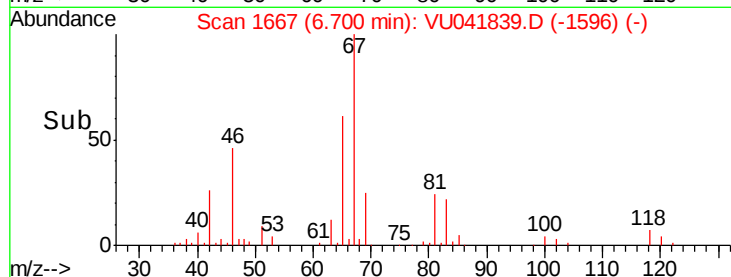
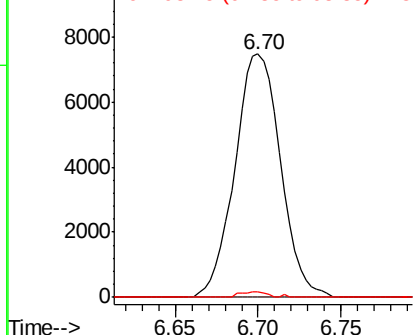
#35
Methvlcvclohexane
Concen: 0.567 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041839.D
Acq: 04 Jan 2021 12:33

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 14366
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.3 36.6 54.8#

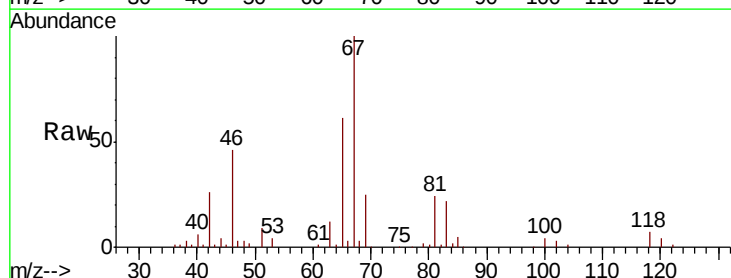


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

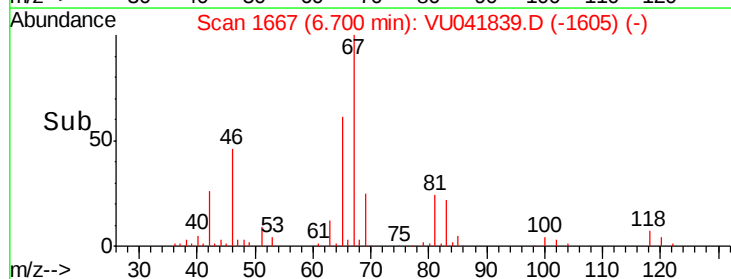
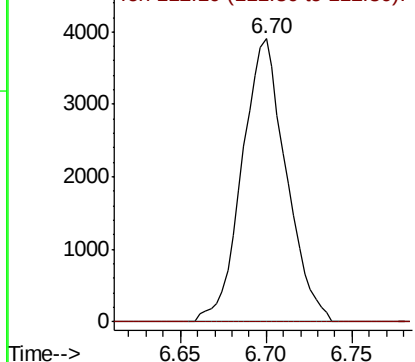


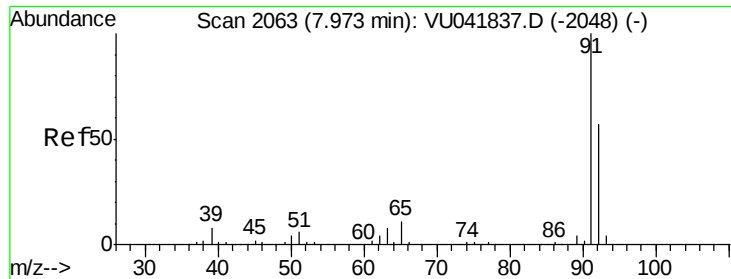
#37
1,2-Dichloropropane
Concen: 0.436 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041839.D
Acq: 04 Jan 2021 12:33

Tgt Ion: 63 Resp: 6958
Ion Ratio Lower Upper
63 100
112 0.6 3.1 4.7#



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





#42

Toluene

Concen: 0.205 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU041839.D

Acq: 04 Jan 2021 12:33

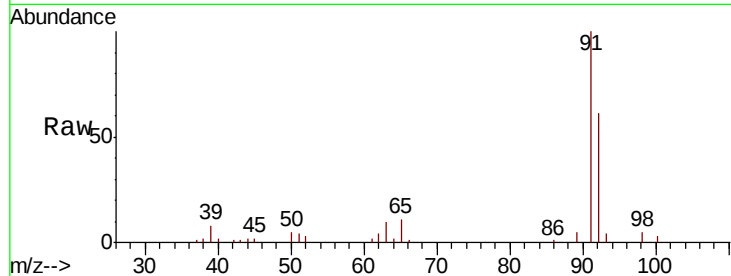
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 13229

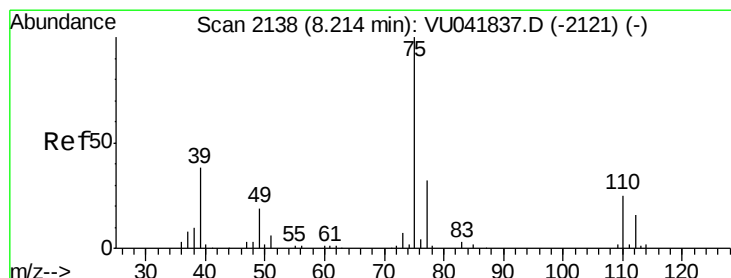
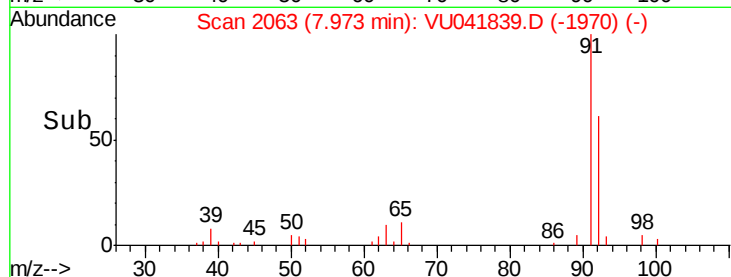
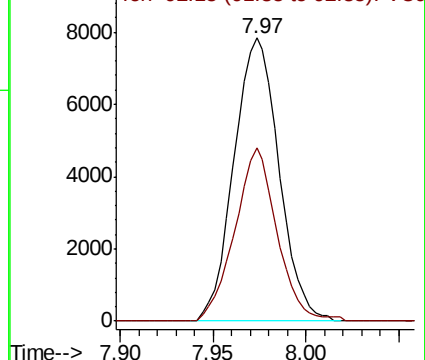
Ion Ratio Lower Upper

91 100

92 61.2 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.045 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041839.D

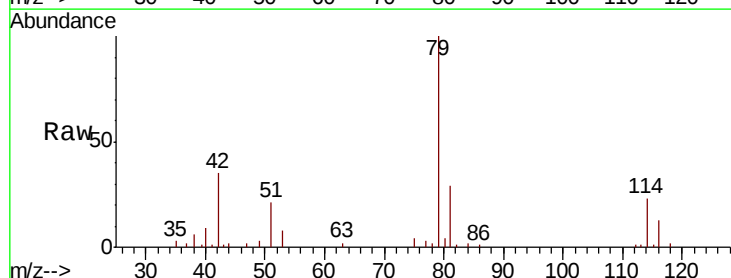
Acq: 04 Jan 2021 12:33

Tgt Ion: 75 Resp: 945

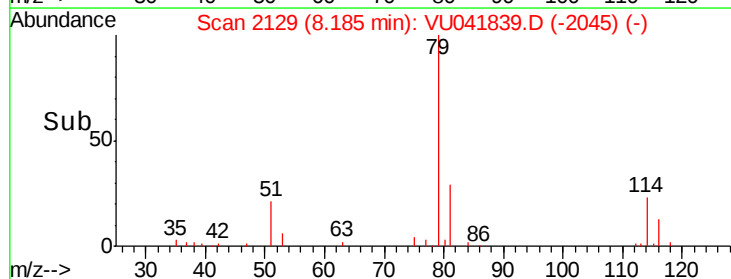
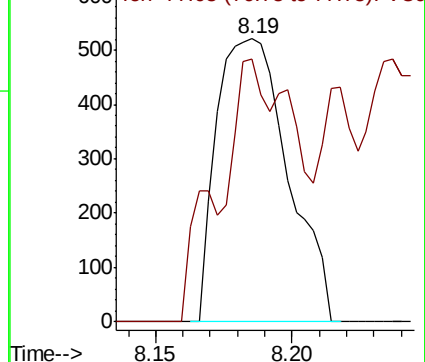
Ion Ratio Lower Upper

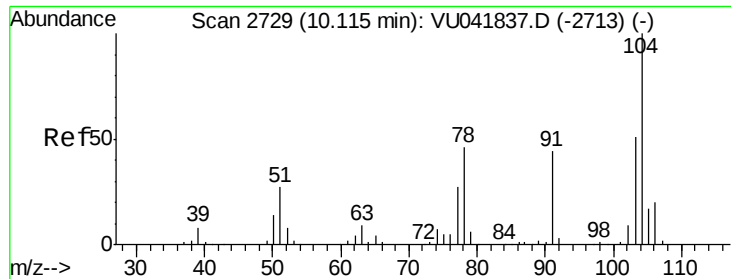
75 100

77 92.9 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0





#55

Stvrene

Concen: 0.047 ug/L

RT: 10.11 min Scan# 2728

Delta R.T. -0.00 min

Lab File: VU041839.D

Acq: 04 Jan 2021 12:33

Instrument :

MSVOA_U

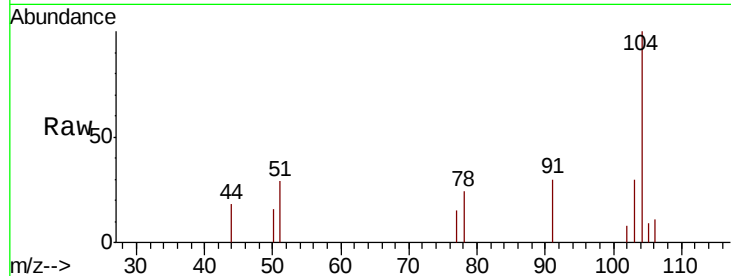
ClientSampleId :

Tot Ion:104 Resp: 2033

Ion Ratio Lower Upper

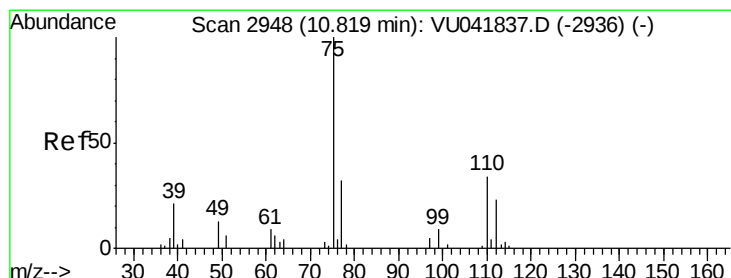
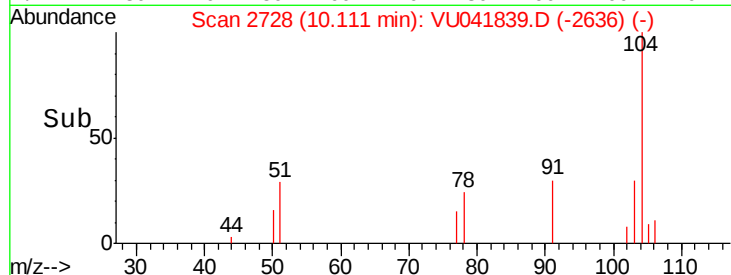
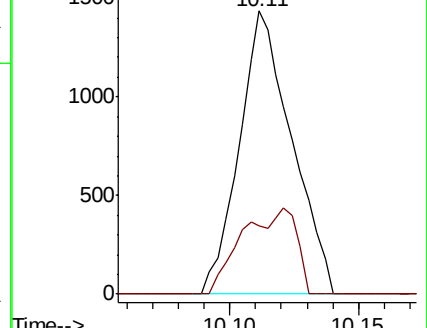
104 100

78 24.2 31.1 57.9#



Abundance Ion 104.10 (103.80 to 104.80): VU041839.D (-2713) (-)

Ion 78.10 (77.80 to 78.80): VU041839.D (-2713) (-)



#59

1,2,3-Trichloropropane

Concen: 0.735 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041839.D

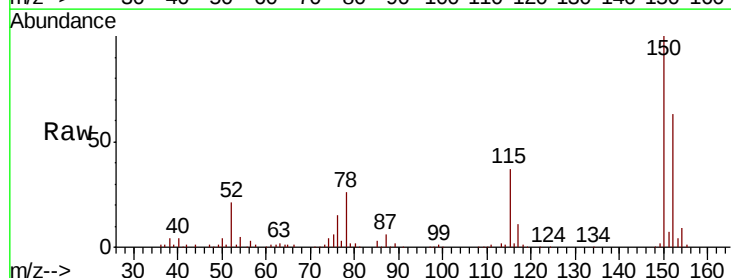
Acq: 04 Jan 2021 12:33

Tgt Ion: 75 Resp: 8807

Ion Ratio Lower Upper

75 100

77 36.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU041839.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU041839.D (-2936) (-)

