

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041352.D
 Acq On : 19 Nov 2020 18:48
 Operator : SY/MD
 Sample : L4790-16DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4402DL

Quant Time: Nov 20 05:59:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23916	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14713	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.92	69	14788	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.58	63	23751	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.66	46	94254	52.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.58%
24) Chloroform-d	5.08	84	43559	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	28179	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.74	84	68320	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.70	67	26064	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	49287	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.80%#
43) trans-1,3-Dichloropropene-	8.19	79	9036	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.64	63	61032	46.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26190	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	23364	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
3) Chloromethane	1.52	50	320	0.061 ug/L #	67
5) Vinyl chloride	1.61	62	43067	8.346 ug/L	99
8) Chloroethane	1.93	64	191	0.056 ug/L #	43
15) Methyl Acetate	3.07	43	325	0.131 ug/L #	53
16) Methylene chloride	3.06	84	1281	0.264 ug/L	94
18) trans-1,2-Dichloroethene	3.36	96	362	0.096 ug/L	80
19) 1,1-Dichloroethane	3.90	63	535	0.064 ug/L #	51
22) cis-1,2-Dichloroethene	4.69	96	26708	6.276 ug/L	99
27) 1,2-Dichloroethane	5.74	62	409	0.062 ug/L #	74
33) Benzene	5.79	78	972	0.058 ug/L	100
35) Methylcyclohexane	6.70	83	6413	1.066 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3019	0.617 ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	587	0.086 ug/L #	62
44) trans-1,3-Dichloropropene	8.18	75	379	0.059 ug/L #	41
59) 1,2,3-Trichloropropane	11.81	75	3120	0.808 ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration

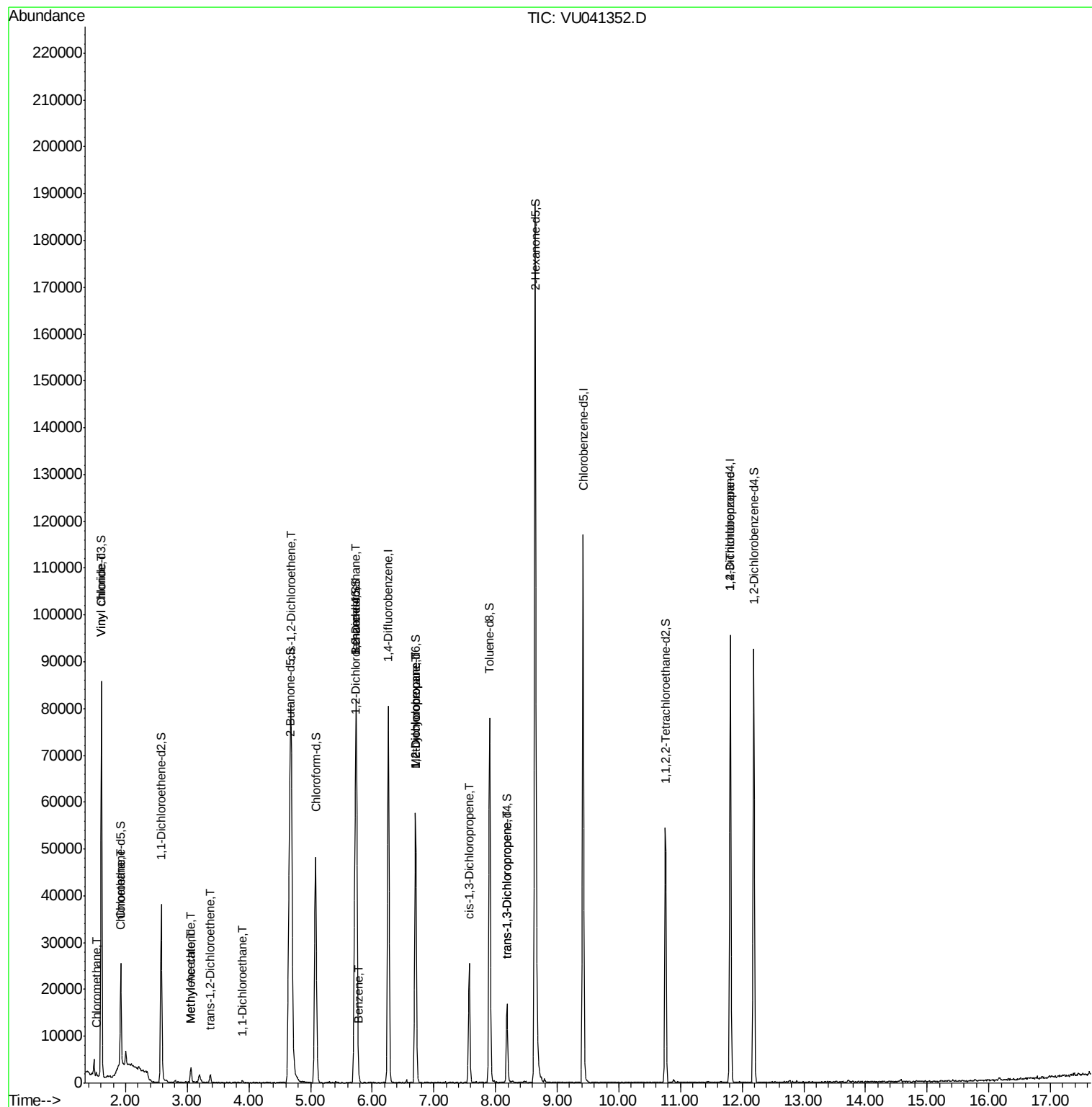
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

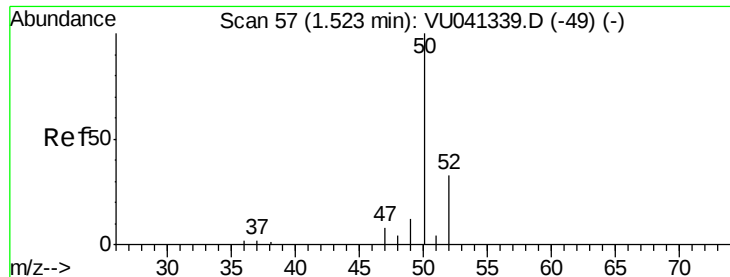
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111920\
Data File : VU041352.D
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QLast Update : Fri Nov 20 05:56:10 2020
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#3

Chloromethane

Concen: 0.061 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041352.D

Acq: 19 Nov 2020 18:48

Instrument :

MSVOA_U

ClientSampleID :

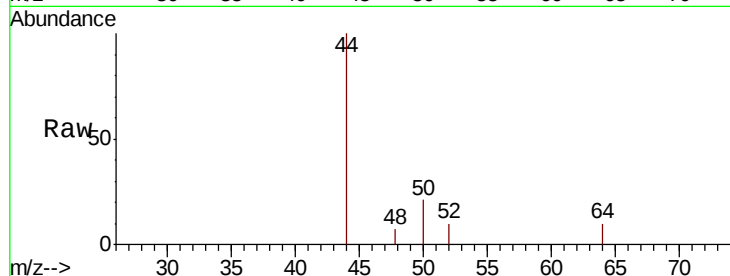
H4402DL

Tot Ion: 50 Resp: 320

Ion Ratio Lower Upper

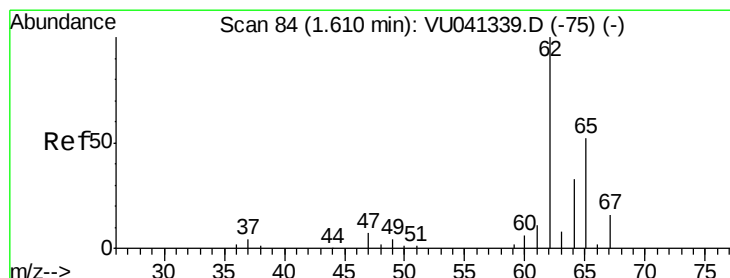
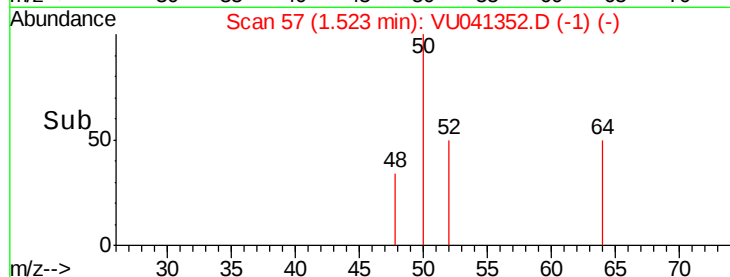
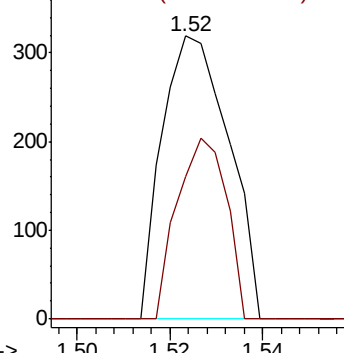
50 100

52 50.5 22.4 41.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 8.346 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041352.D

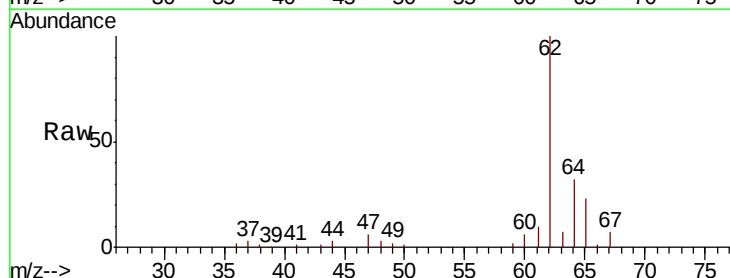
Acq: 19 Nov 2020 18:48

Tgt Ion: 62 Resp: 43067

Ion Ratio Lower Upper

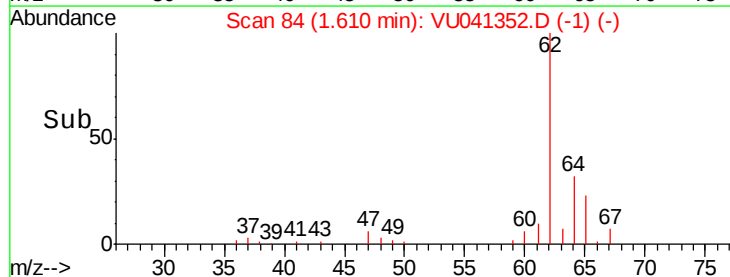
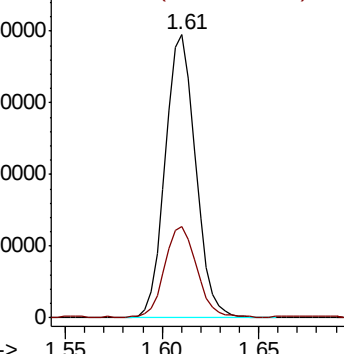
62 100

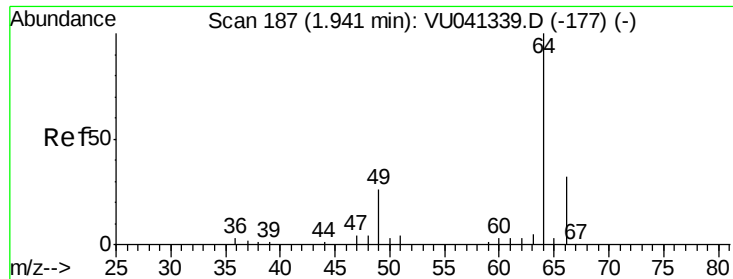
64 32.1 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

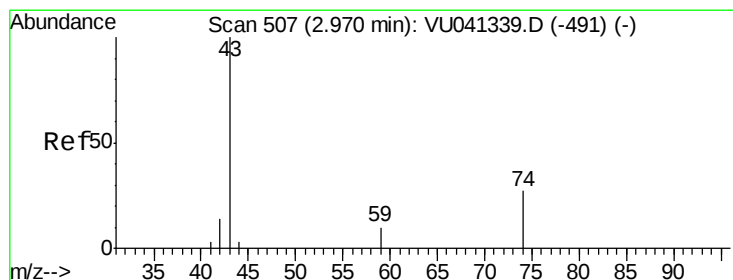
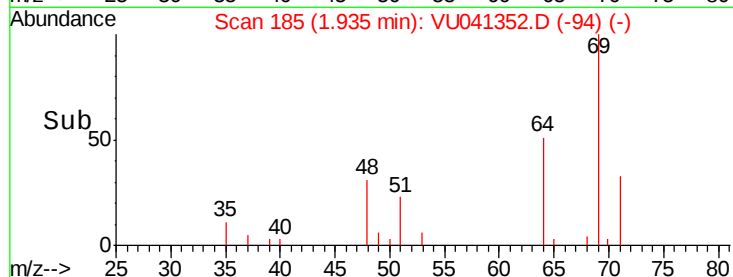
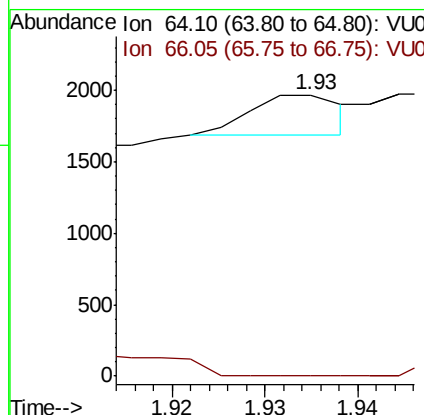
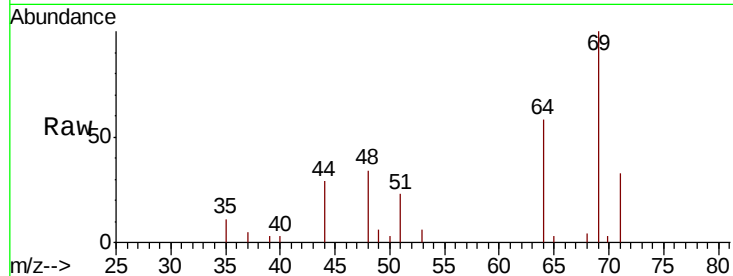




#8
 Chloroethane
 Concen: 0.056 ug/L
 RT: 1.93 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VU041352.D
 Acq: 19 Nov 2020 18:48

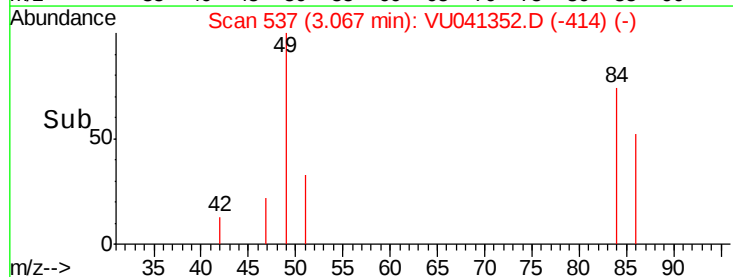
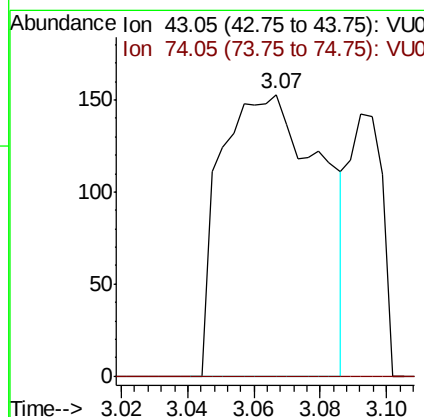
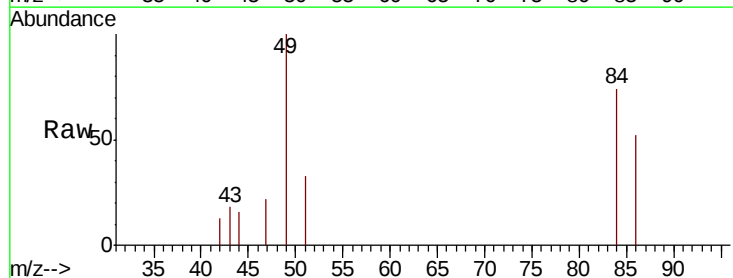
Instrument :
 MSVOA_U
 ClientSampleID :
 H4402DL

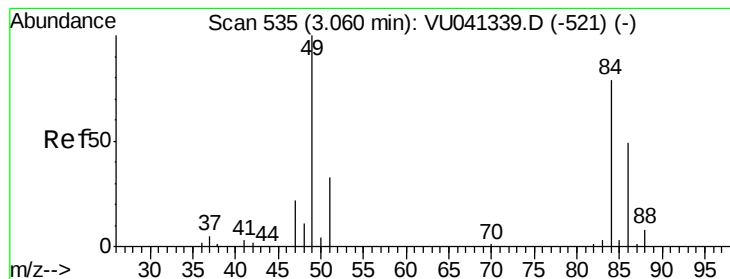
Tot Ion: 64 Resp: 191
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#



#15
 Methyl Acetate
 Concen: 0.131 ug/L
 RT: 3.07 min Scan# 537
 Delta R.T. 0.10 min
 Lab File: VU041352.D
 Acq: 19 Nov 2020 18:48

Tgt Ion: 43 Resp: 325
 Ion Ratio Lower Upper
 43 100
 74 0.0 18.3 27.5#





#16

Methylene chloride

Concen: 0.264 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041352.D

Acq: 19 Nov 2020 18:48

Instrument :

MSVOA_U

ClientSampleId :

H4402DL

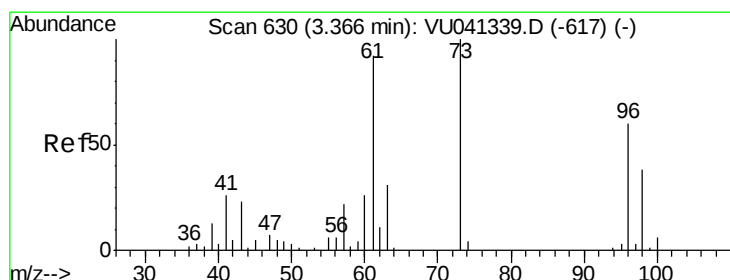
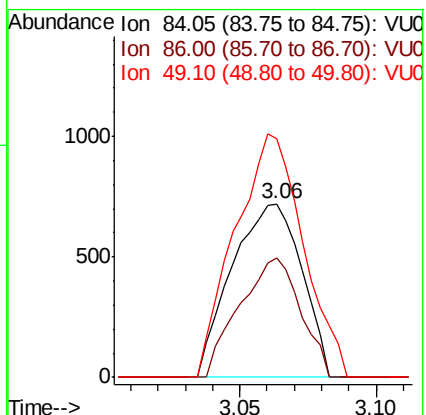
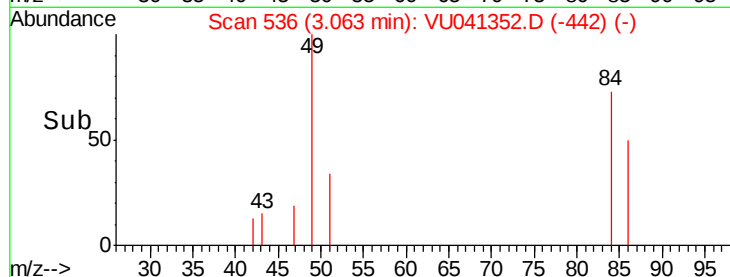
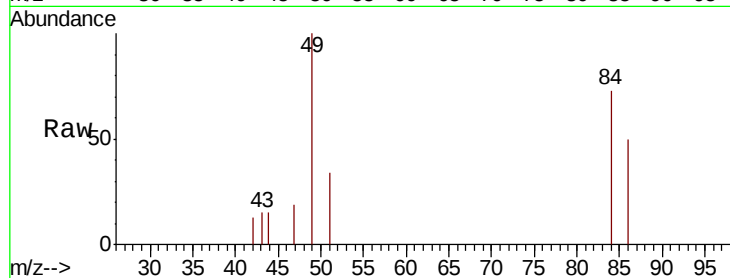
Tot Ion: 84 Resp: 1281

Ion Ratio Lower Upper

84 100

86 69.0 42.8 79.6

49 137.6 99.5 184.7



#18

trans-1,2-Dichloroethene

Concen: 0.096 ug/L

RT: 3.36 min Scan# 629

Delta R.T. -0.00 min

Lab File: VU041352.D

Acq: 19 Nov 2020 18:48

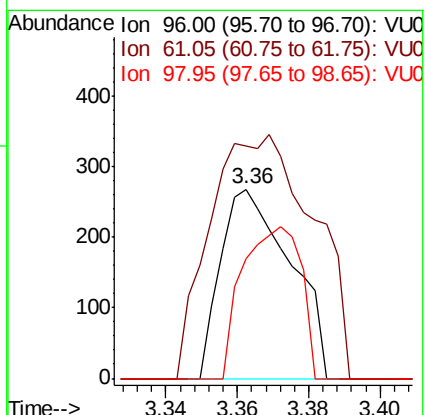
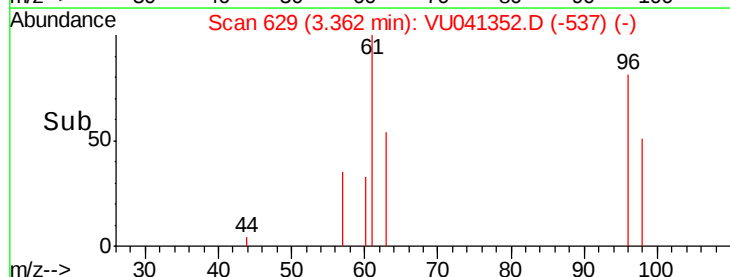
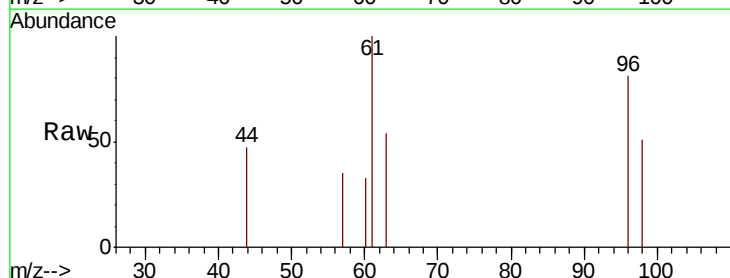
Tgt Ion: 96 Resp: 362

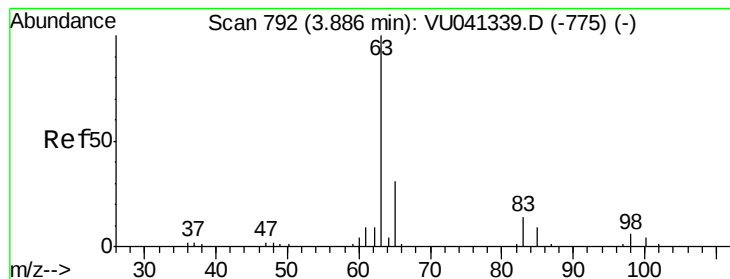
Ion Ratio Lower Upper

96 100

61 122.8 110.9 205.9

98 63.1 45.4 84.2





#19

1,1-Dichloroethane

Concen: 0.064 ug/L

RT: 3.90 min Scan# 795

Delta R.T. 0.01 min

Lab File: VU041352.D

Acq: 19 Nov 2020 18:48

Instrument :

MSVOA_U

ClientSampleId :

H4402DL

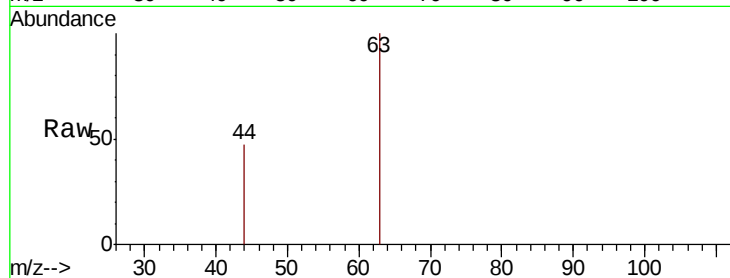
Tot Ion: 63 Resp: 535

Ion Ratio Lower Upper

63 100

65 0.0 21.3 39.6#

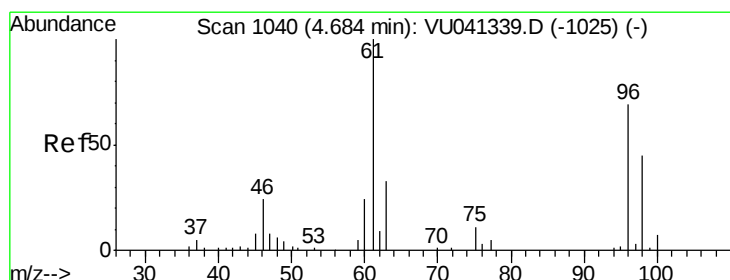
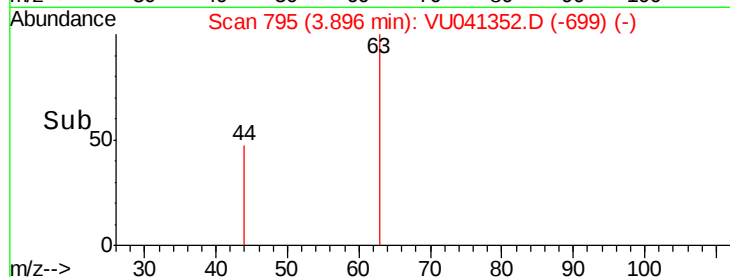
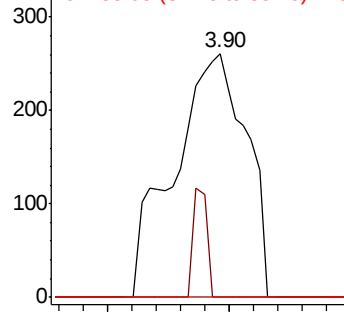
83 0.0 8.8 16.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 6.276 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041352.D

Acq: 19 Nov 2020 18:48

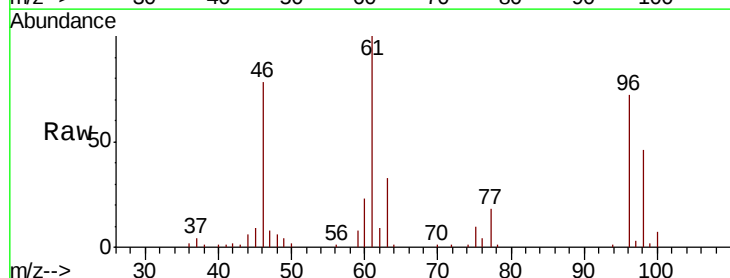
Tgt Ion: 96 Resp: 26708

Ion Ratio Lower Upper

96 100

61 139.8 97.2 180.4

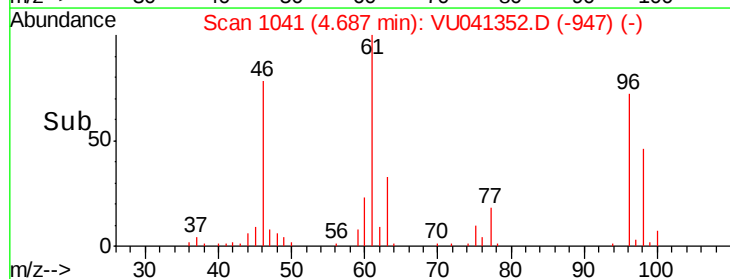
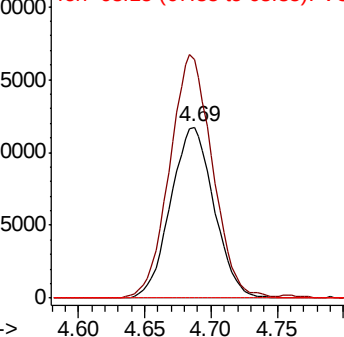
68 0.0 0.0 0.0

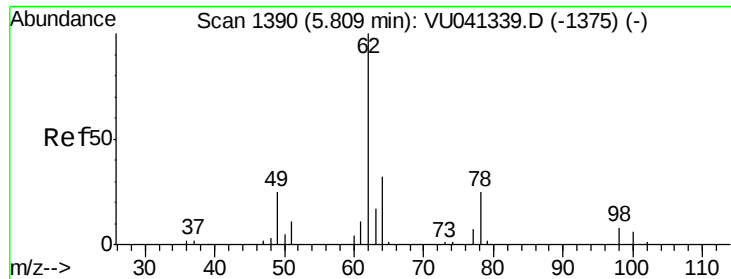


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

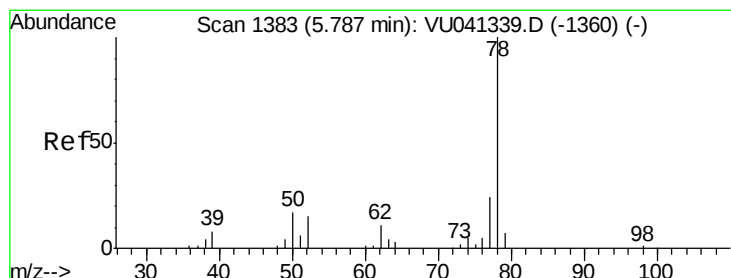
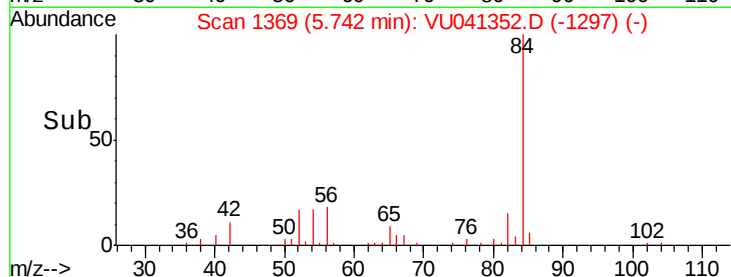
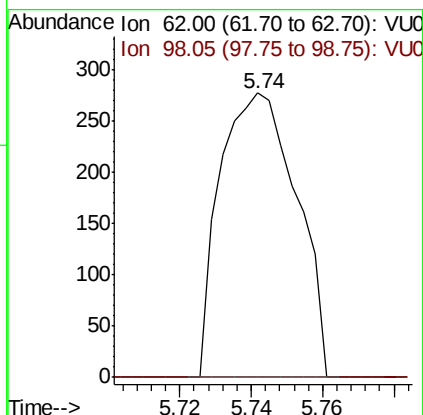
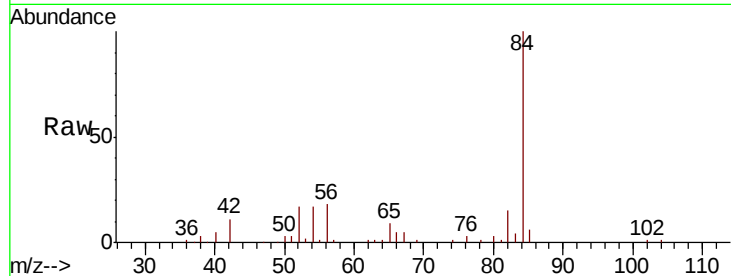




#27
 1,2-Dichloroethane
 Concen: 0.062 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041352.D
 Acq: 19 Nov 2020 18:48

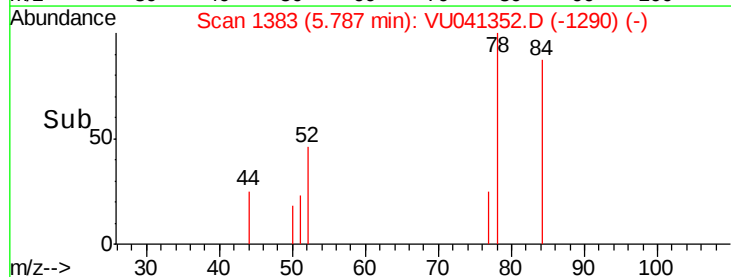
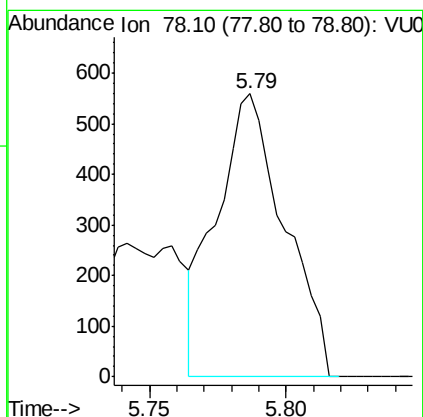
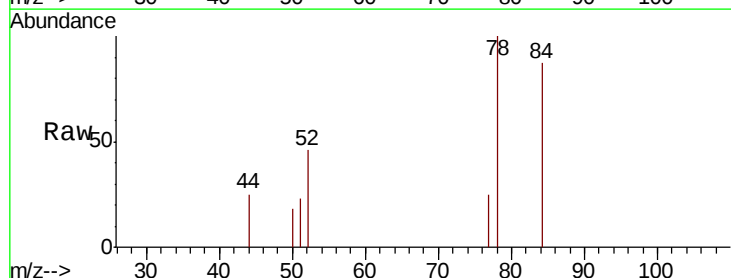
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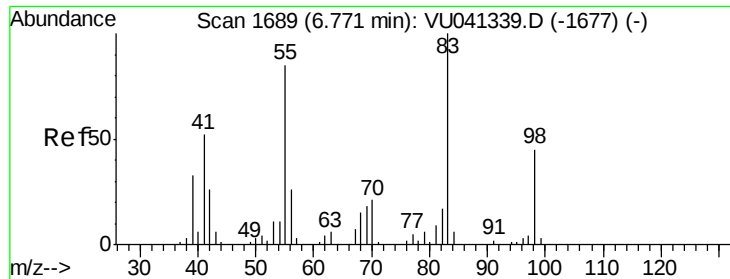
Tot Ion: 62 Resp: 409
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.058 ug/L
 RT: 5.79 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VU041352.D
 Acq: 19 Nov 2020 18:48

Tgt Ion: 78 Resp: 972

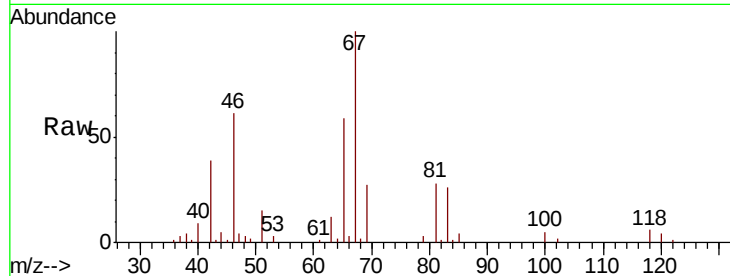




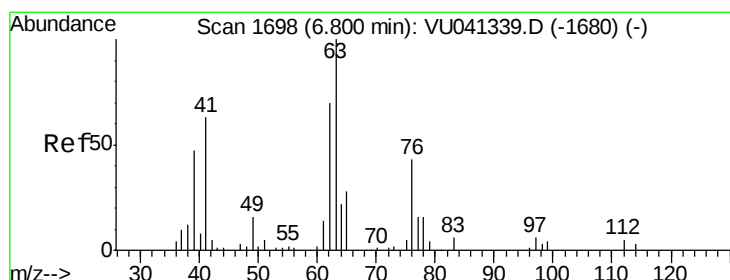
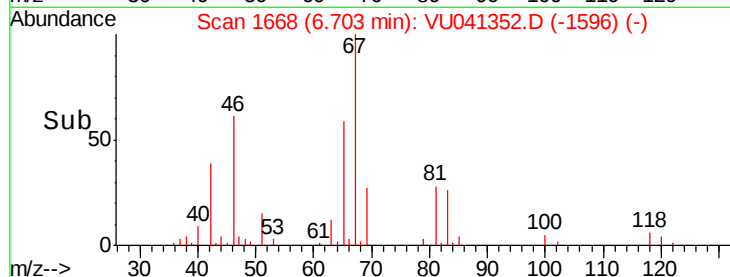
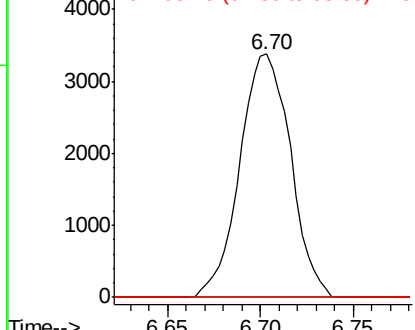
#35
Methvlcvclohexane
Concen: 1.066 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041352.D
Acq: 19 Nov 2020 18:48

Instrument :
MSVOA_U
ClientSampleId :
H4402DL

Tot Ion: 83 Resp: 6413
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

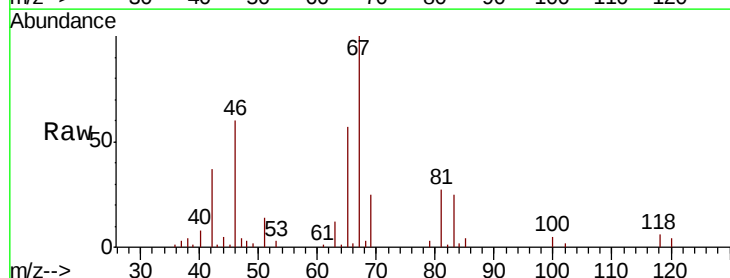


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

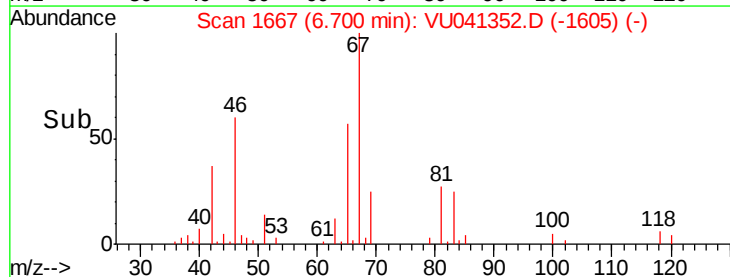
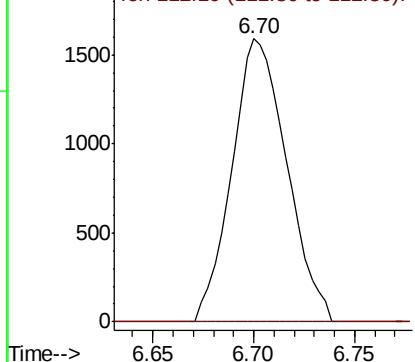


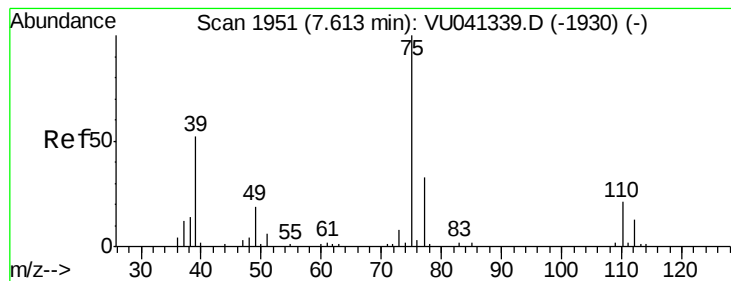
#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041352.D
Acq: 19 Nov 2020 18:48

Tgt Ion: 63 Resp: 3019
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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



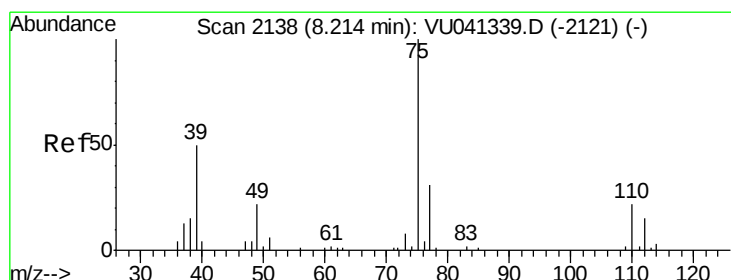
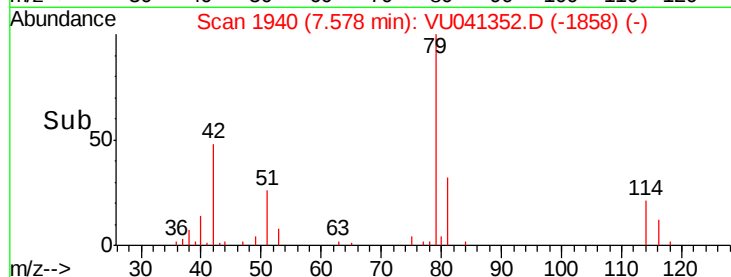
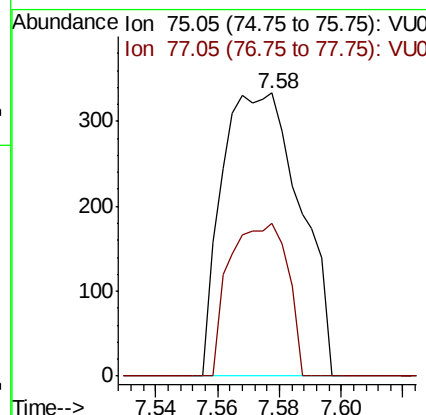
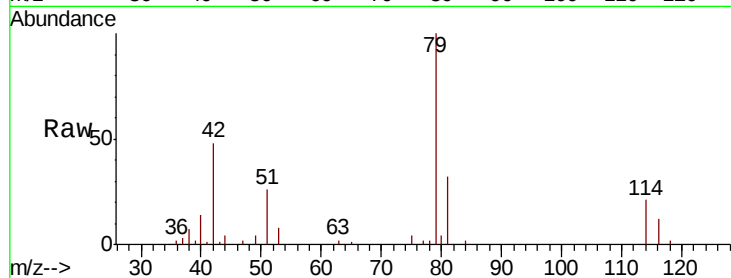


#39

cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041352.D
 Acq: 19 Nov 2020 18:48

Instrument :
 MSVOA_U
 ClientSampleId :
 H4402DL

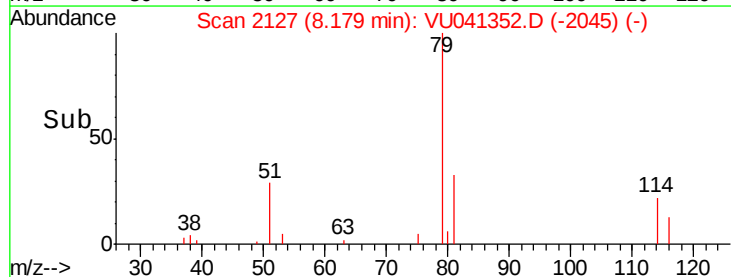
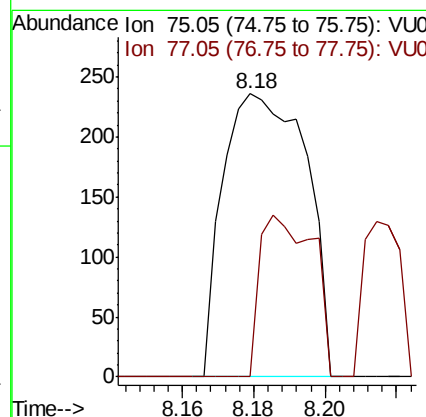
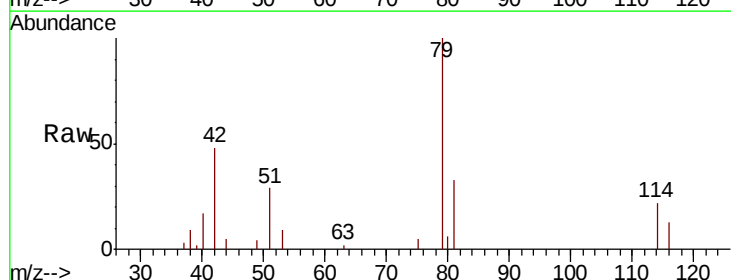
Tot Ion: 75 Resp: 587
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.7 42.3#

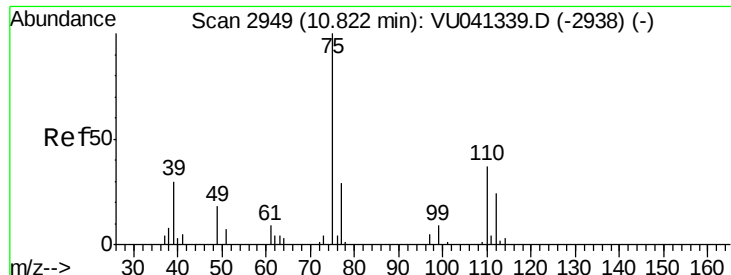


#44

trans-1,3-Dichloropropene
 Concen: 0.059 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU041352.D
 Acq: 19 Nov 2020 18:48

Tgt Ion: 75 Resp: 379
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.3 43.3#





#59

1,2,3-Trichloropropane

Concen: 0.808 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041352.D

Acq: 19 Nov 2020 18:48

Instrument :

MSVOA_U

ClientSampleId :

H4402DL

Tot Ion: 75 Resp: 3120

Ion Ratio Lower Upper

75 100

77 37.2 25.7 38.5

