

Data File : VU041325.D
Acq On : 18 Nov 2020 20:37
Operator : SY/MD
Sample : L4790-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4424

Quant Time: Nov 19 00:52:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64143	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64319	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21036	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.92	69	19231	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	33899	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	94763	48.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.42%
24) Chloroform-d	5.08	84	50252	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	31249	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.74	84	88795	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	29438	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	69540	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.19	79	11465	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	63359	46.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26703	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	25659	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

						Qvalue
3) Chloromethane	1.52	50	294	0.052	ug/L #	82
5) Vinyl chloride	1.61	62	77733	13.960	ug/L	98
8) Chloroethane	2.13	64	1595	0.432	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	286	0.061	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	1187	0.284	ug/L #	1
13) Acetone	2.66	43	933	0.723	ug/L #	6
17) Methyl tert-butyl Ether	3.38	73	28712	2.512	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	91149	22.414	ug/L	97
19) 1,1-Dichloroethane	3.89	63	6799	0.748	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	503379	109.604	ug/L	96
33) Benzene	5.79	78	1914	0.110	ug/L	100
34) Trichloroethene	6.55	95	3453	0.733	ug/L	96
35) Methylcyclohexane	6.70	83	7174	1.146	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3546	0.696	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	739	0.104	ug/L #	77
44) trans-1,3-Dichloropropene	8.18	75	623	0.093	ug/L #	44
59) 1,2,3-Trichloropropane	11.81	75	3209	0.799	ug/L #	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111920\
Quantitation Report (Not Reviewed)

Data File : VU041325.D
Acq On : 18 Nov 2020 20:37
Operator : SY/MD
Sample : L4790-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4424

Quant Time: Nov 19 00:52:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration

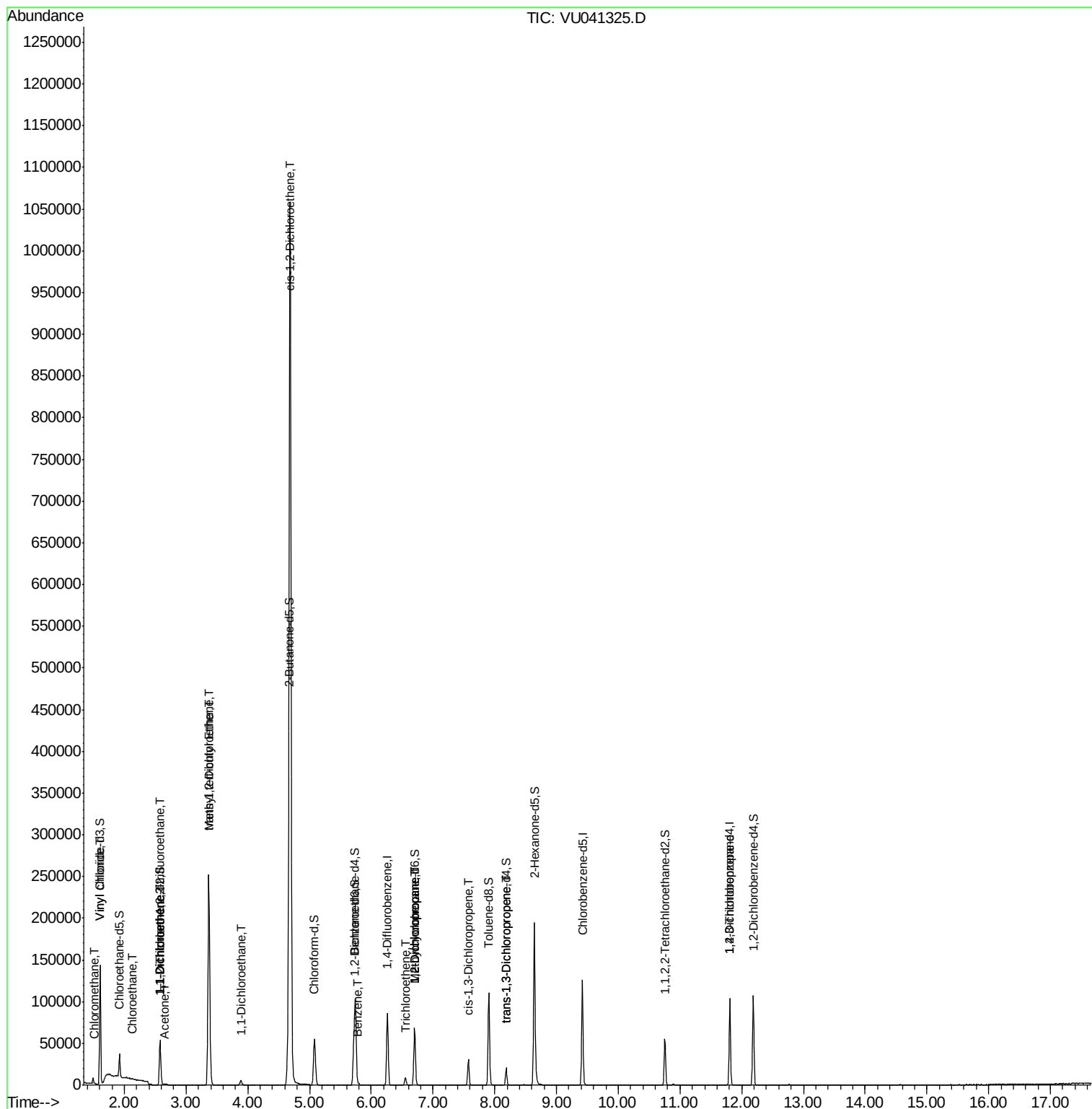
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

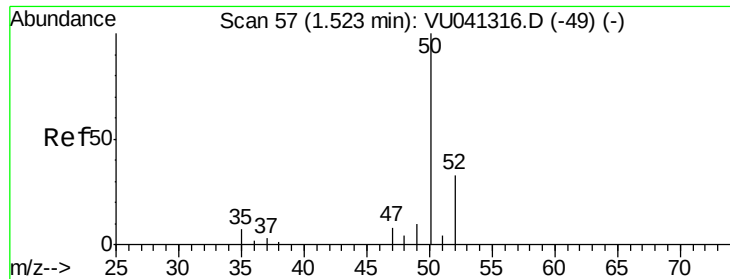
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU041325.D
Acq On : 18 Nov 2020 20:37
Operator : SY/MD
Sample : L4790-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4424

Quant Time: Nov 19 00:52:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 19 00:50:13 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.052 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041325.D

Acq: 18 Nov 2020 20:37

Instrument :

MSVOA_U

ClientSampleId :

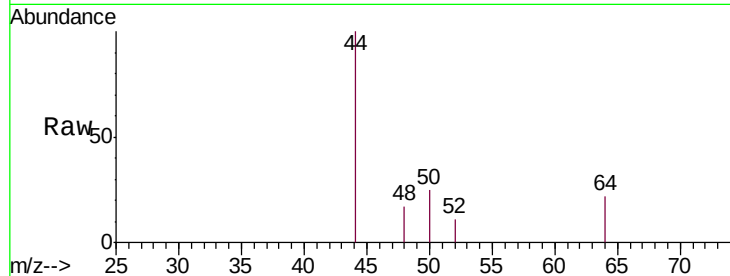
H4424

Tgt Ion: 50 Resp: 294

Ion Ratio Lower Upper

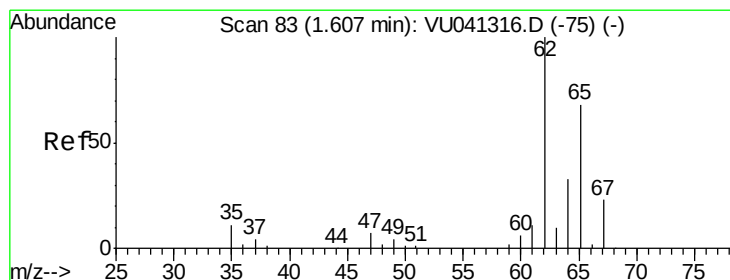
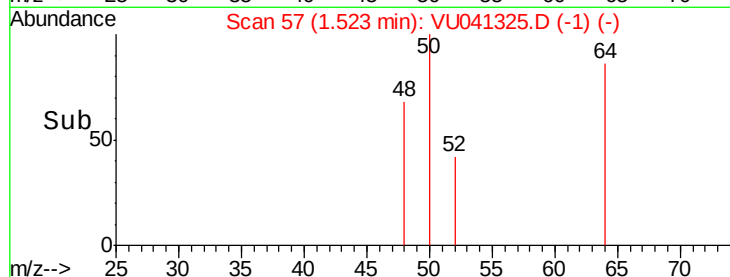
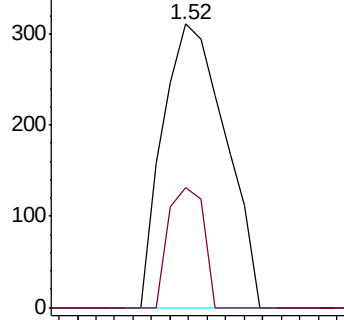
50 100

52 42.1 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: 13.960 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041325.D

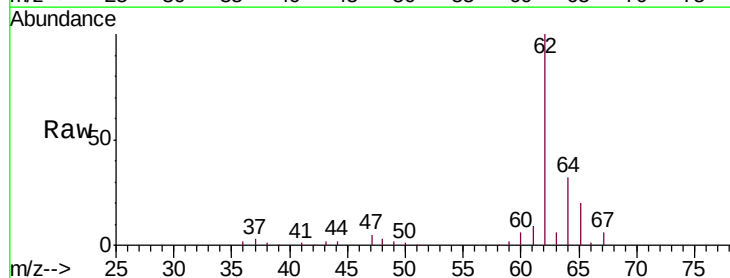
Acq: 18 Nov 2020 20:37

Tgt Ion: 62 Resp: 77733

Ion Ratio Lower Upper

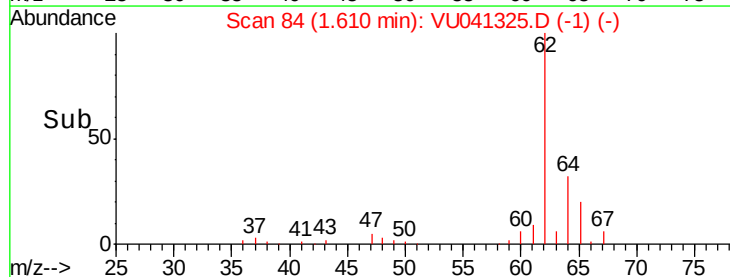
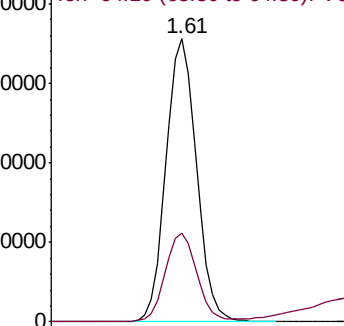
62 100

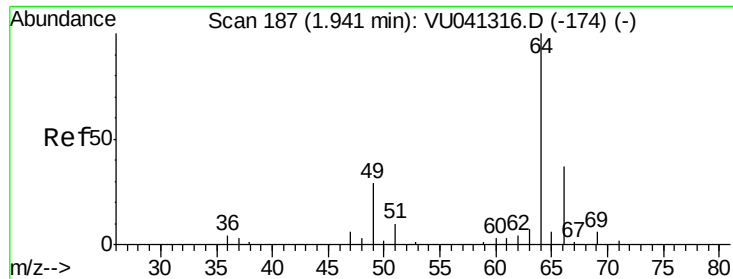
64 31.6 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

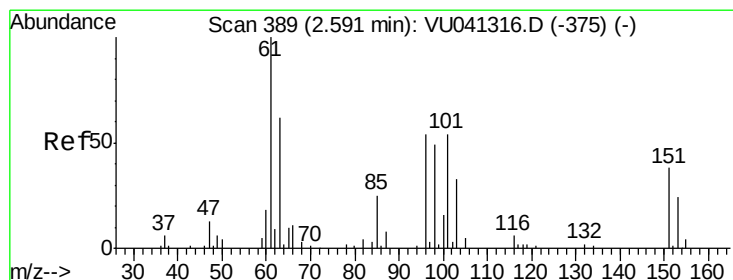
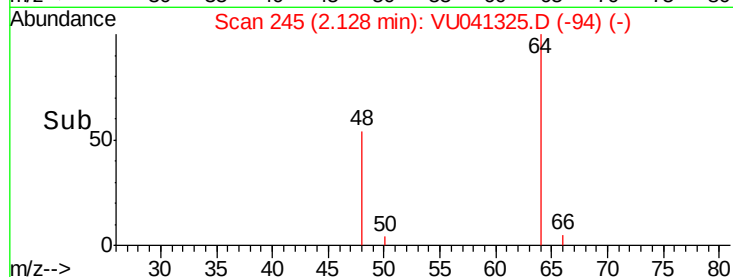
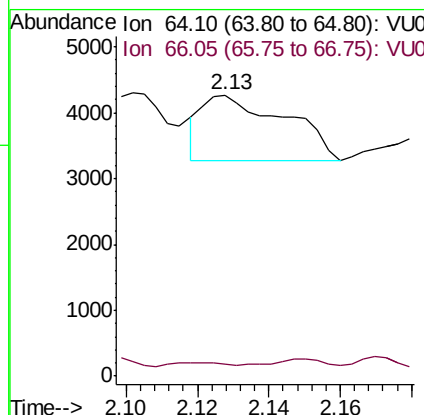
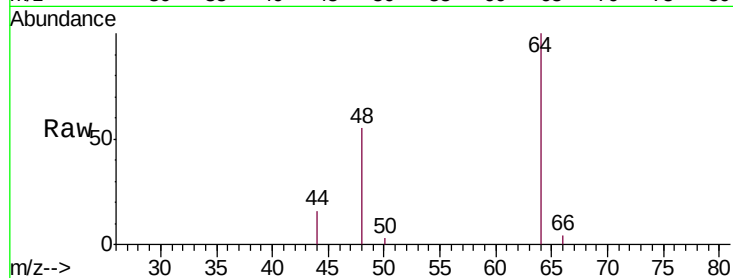




#8
Chloroethane
Concen: 0.432 ug/L
RT: 2.13 min Scan# 245
Delta R.T. 0.19 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

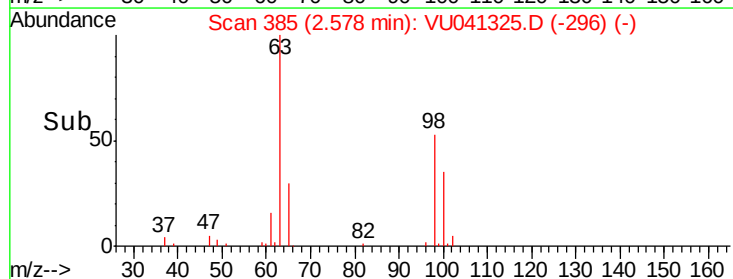
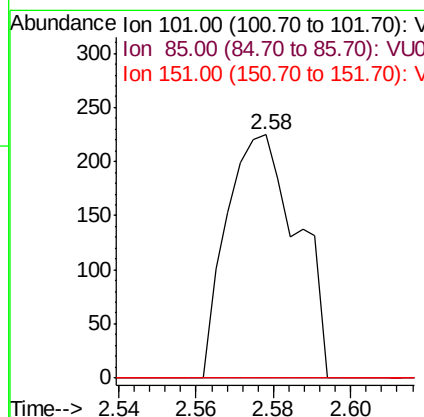
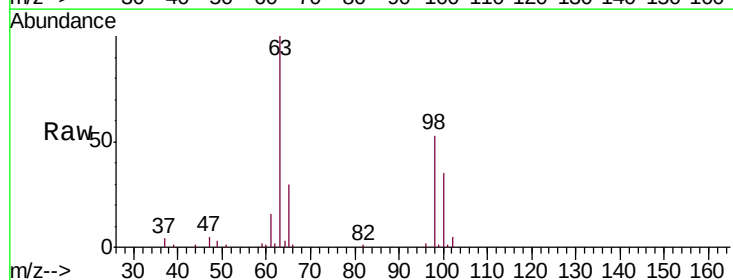
Instrument :
MSVOA_U
ClientSampleId :
H4424

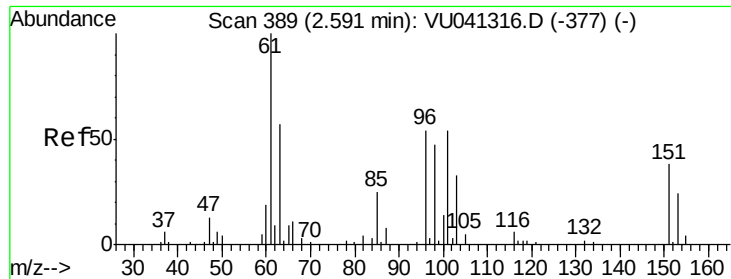
Tgt Ion: 64 Resp: 1595
Ion Ratio Lower Upper
64 100
66 4.1 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.01 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Tgt Ion: 101 Resp: 286
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.4#
151 0.0 55.3 82.9#

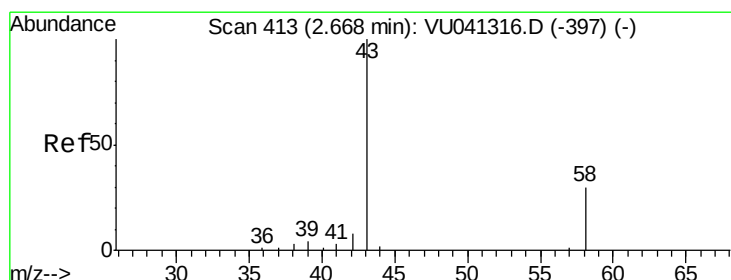
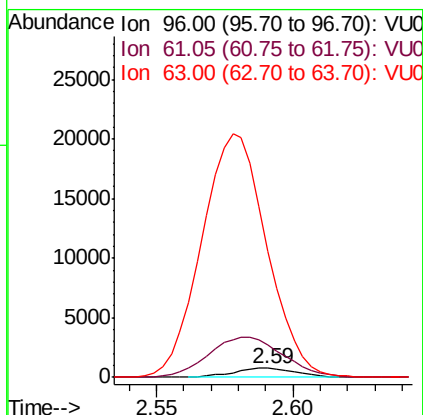
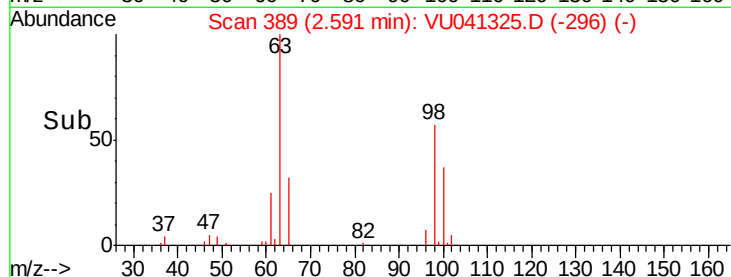
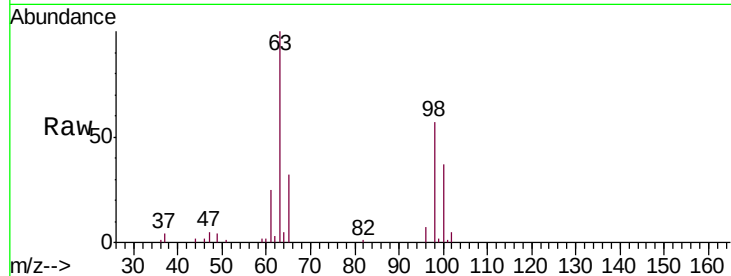




#12
 1,1-Dichloroethene
 Concen: 0.284 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU041325.D
 Acq: 18 Nov 2020 20:37

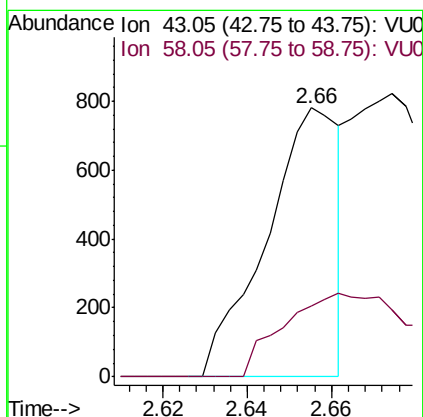
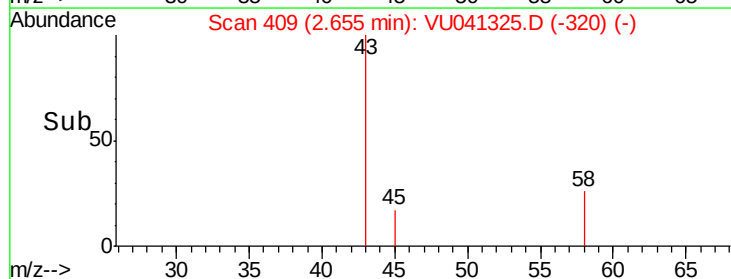
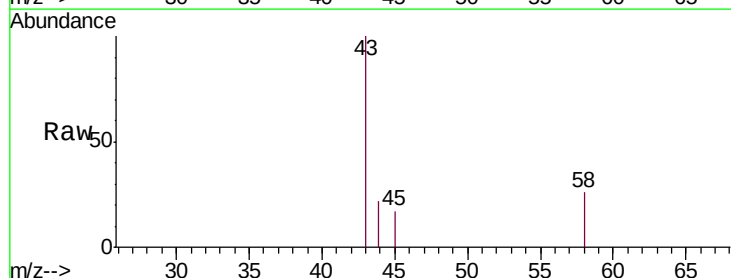
Instrument :
 MSVOA_U
 ClientSampleId :
 H4424

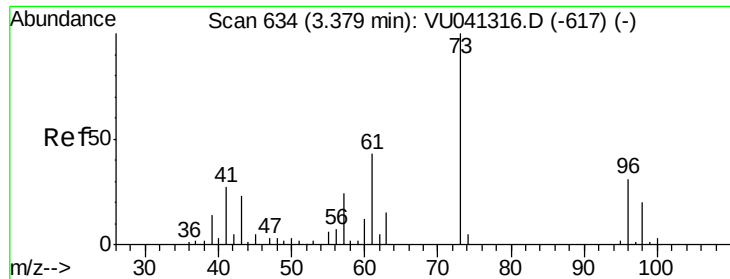
Tgt Ion: 96 Resp: 1187
 Ion Ratio Lower Upper
 96 100
 61 346.8 134.3 249.5#
 63 1366.9 95.0 176.4#



#13
 Acetone
 Concen: 0.723 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VU041325.D
 Acq: 18 Nov 2020 20:37

Tgt Ion: 43 Resp: 933
 Ion Ratio Lower Upper
 43 100
 58 49.8 0.0 25.4#

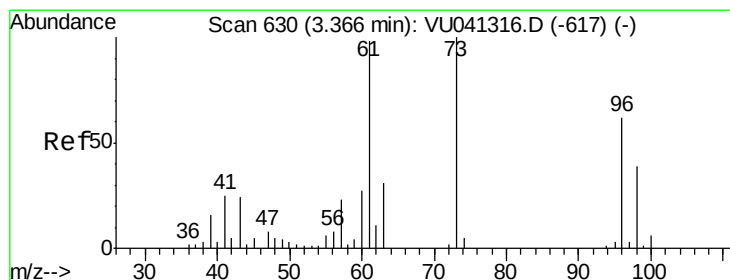
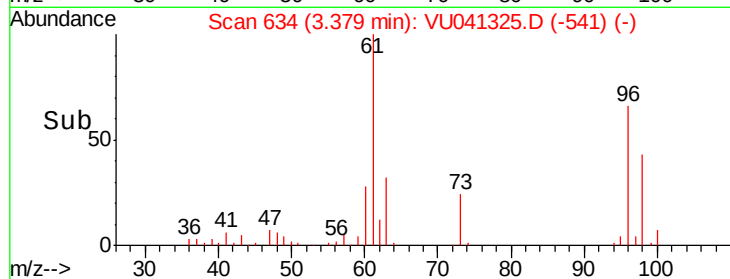
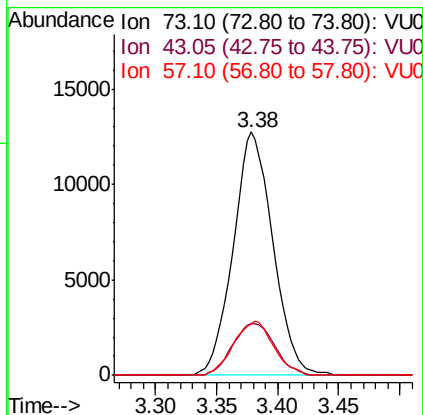
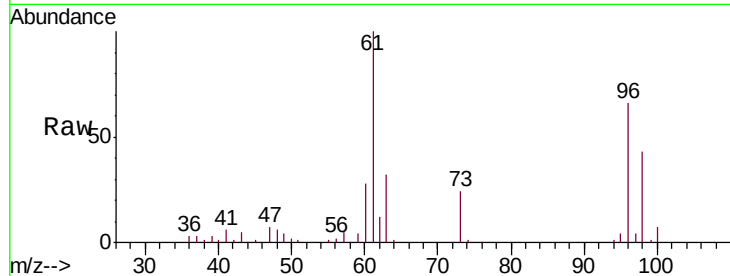




#17
Methyl tert-butyl Ether
Concen: 2.512 ug/L
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

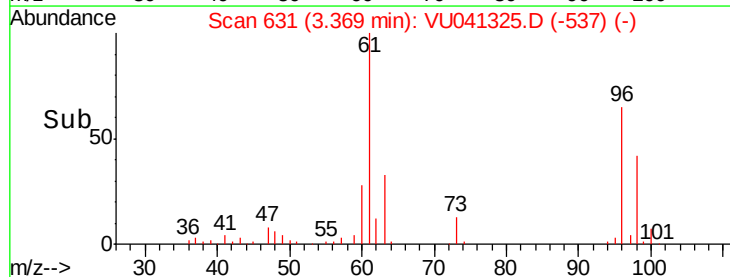
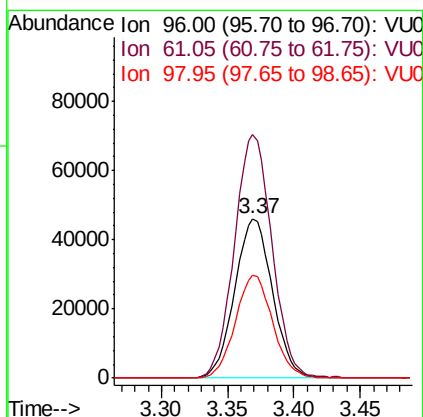
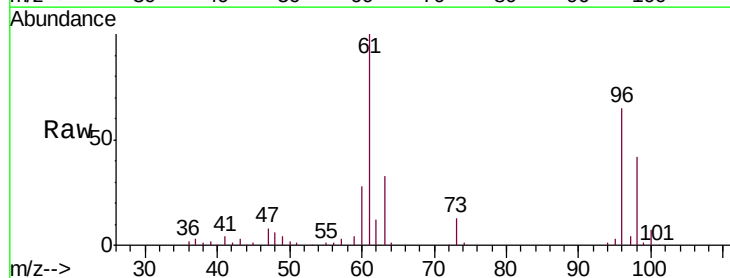
Instrument :
MSVOA_U
ClientSampleId :
H4424

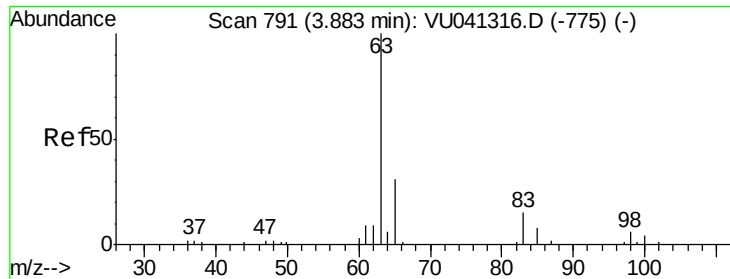
Tgt Ion: 73 Resp: 28712
Ion Ratio Lower Upper
73 100
43 22.7 18.5 27.7
57 22.3 18.4 27.6



#18
trans-1,2-Dichloroethene
Concen: 22.414 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Tgt Ion: 96 Resp: 91149
Ion Ratio Lower Upper
96 100
61 152.7 110.9 205.9
98 64.2 45.4 84.2

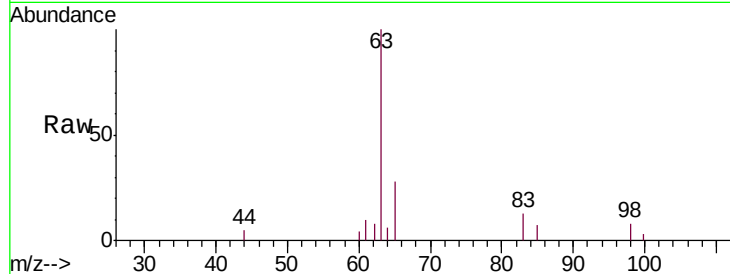




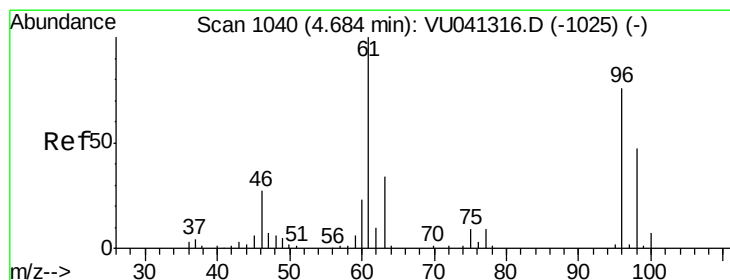
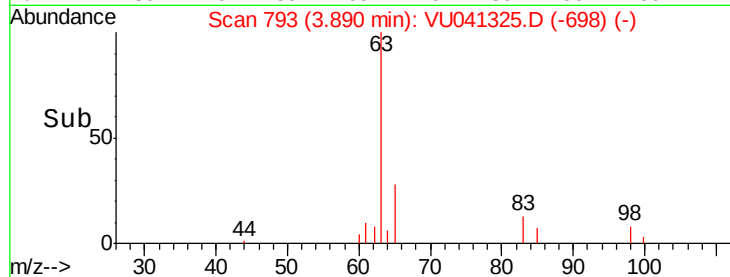
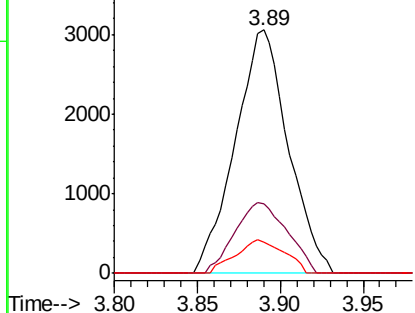
#19
 1,1-Dichloroethane
 Concen: 0.748 ug/L
 RT: 3.89 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: VU041325.D
 Acq: 18 Nov 2020 20:37

Instrument :
 MSVOA_U
 ClientSampleId :
 H4424

Tgt Ion: 63 Resp: 6799
 Ion Ratio Lower Upper
 63 100
 65 28.4 21.3 39.6
 83 12.9 8.8 16.3

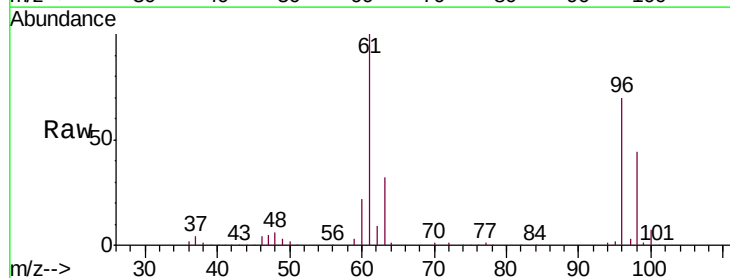


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

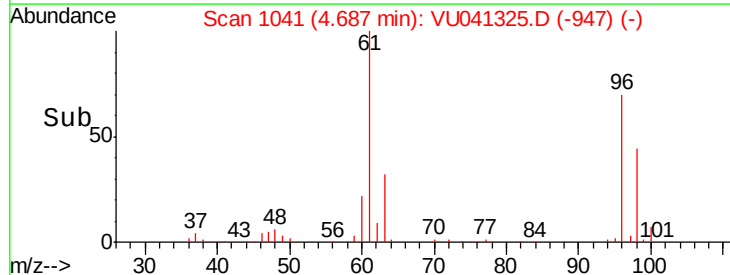
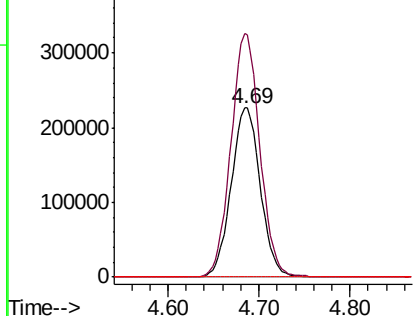


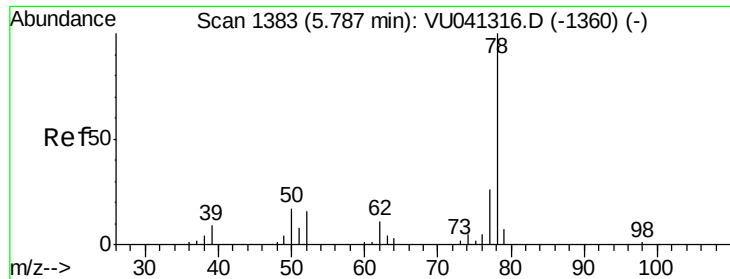
#22
 cis-1,2-Dichloroethene
 Concen: 109.604 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU041325.D
 Acq: 18 Nov 2020 20:37

Tgt Ion: 96 Resp: 503379
 Ion Ratio Lower Upper
 96 100
 61 143.2 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

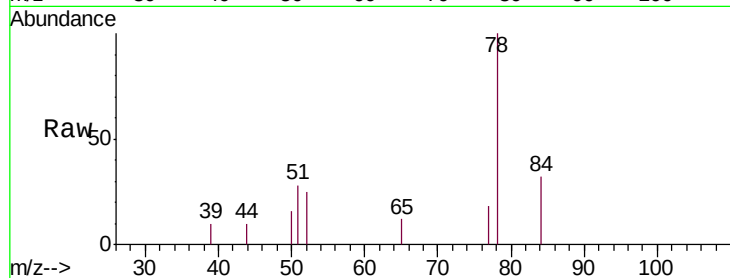




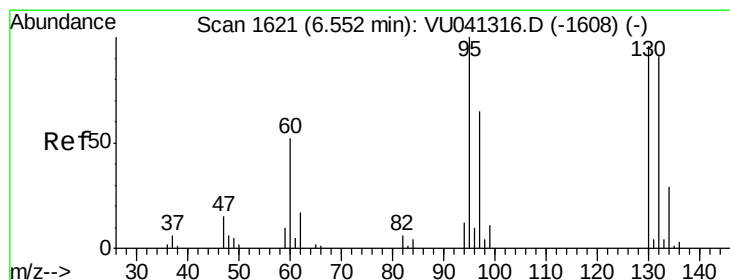
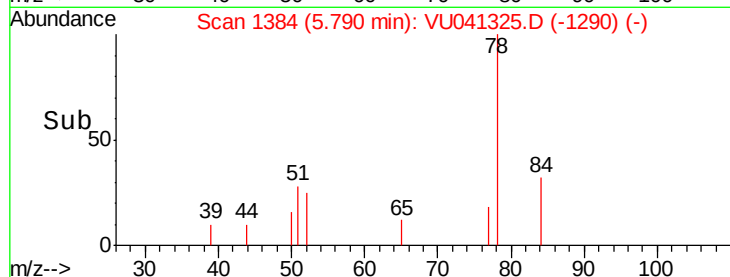
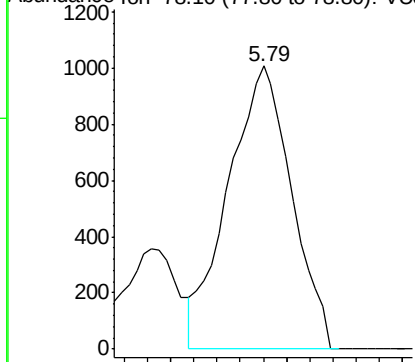
#33
Benzene
Concen: 0.110 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Instrument :
MSVOA_U
ClientSampleId :
H4424

Tgt Ion: 78 Resp: 1914



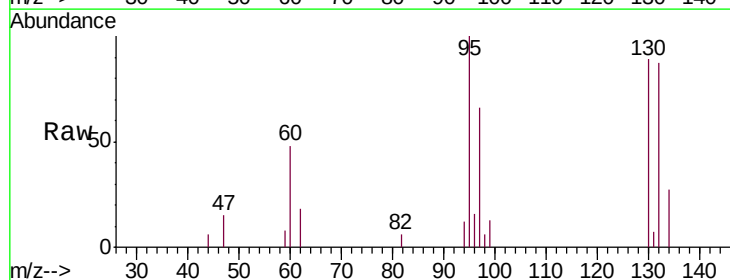
Abundance Ion 78.10 (77.80 to 78.80): VU0



#34
Trichloroethene
Concen: 0.733 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Tgt Ion: 95 Resp: 3453

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.6	84.6
132	87.3	64.8	120.4
130	88.6	64.8	120.4

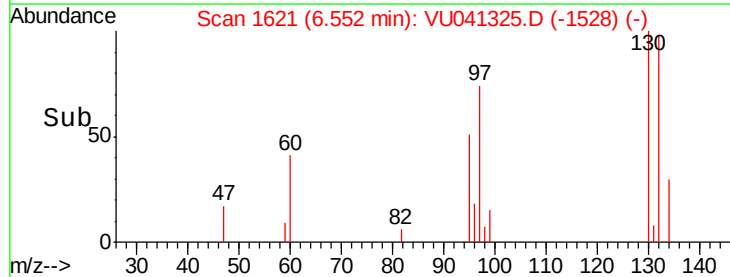
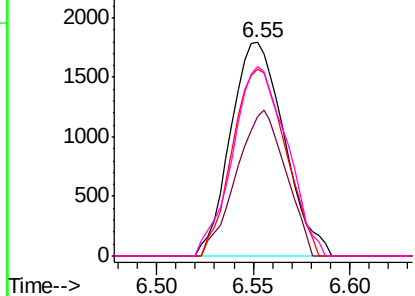


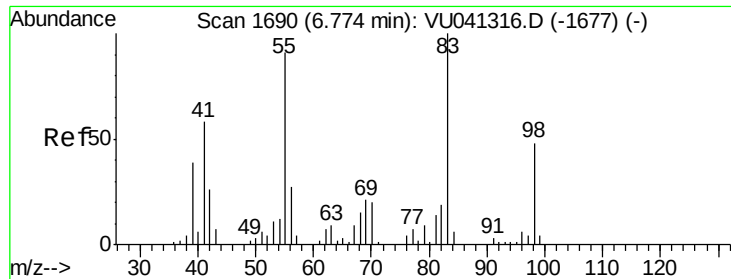
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

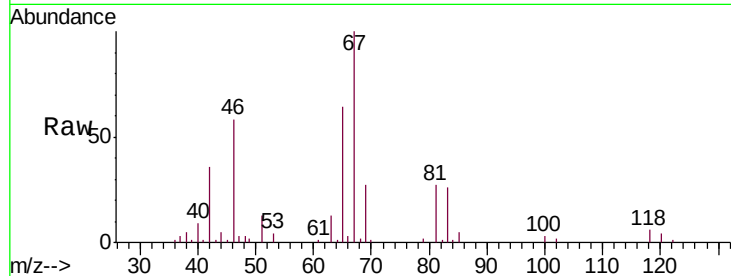




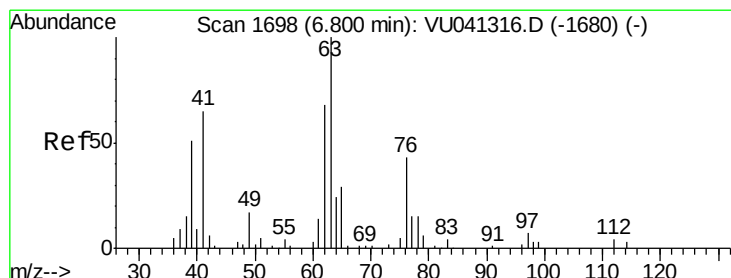
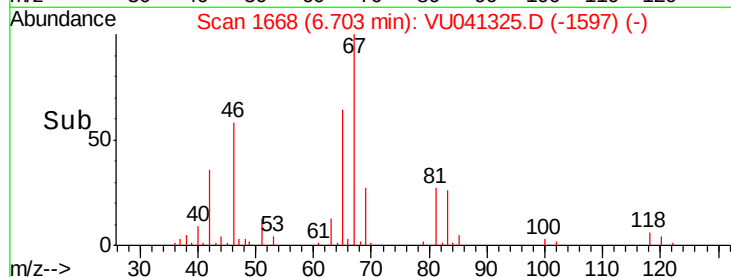
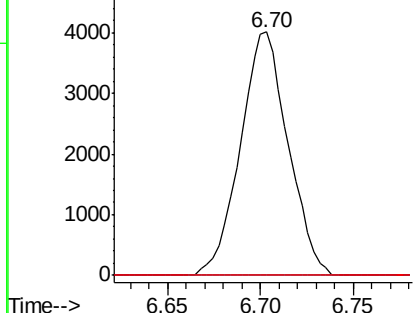
#35
Methylcyclohexane
Concen: 1.146 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Instrument :
MSVOA_U
ClientSampleId :
H4424

Tgt Ion: 83 Resp: 7174
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.6 36.6 55.0#

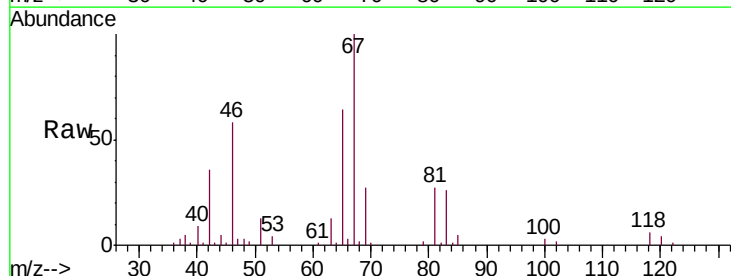


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

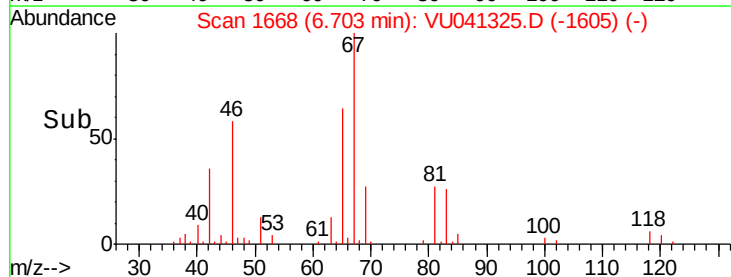
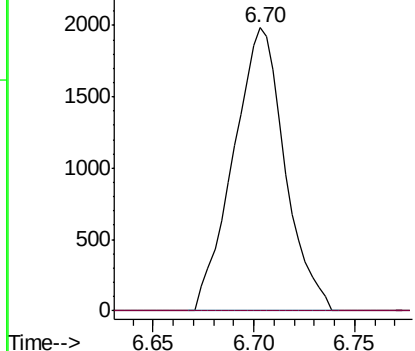


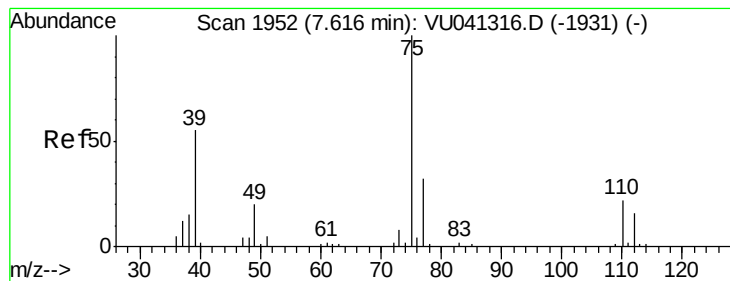
#37
1,2-Dichloropropane
Concen: 0.696 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041325.D
Acq: 18 Nov 2020 20:37

Tgt Ion: 63 Resp: 3546
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: 0.104 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.05 min

Lab File: VU041325.D

Acq: 18 Nov 2020 20:37

Instrument :

MSVOA_U

ClientSampleId :

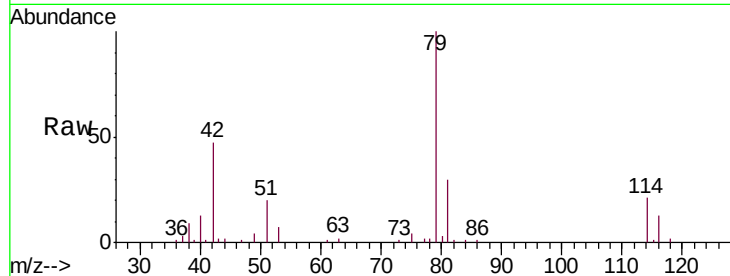
H4424

Tgt Ion: 75 Resp: 739

Ion Ratio Lower Upper

75 100

77 45.5 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

400

300

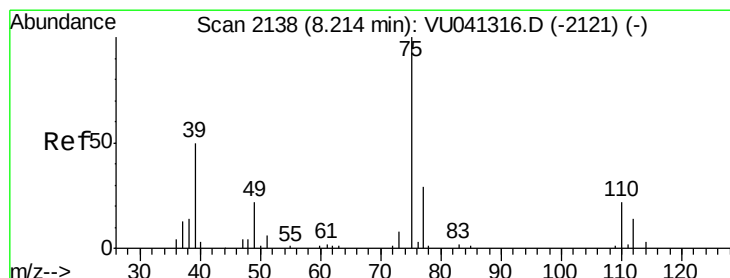
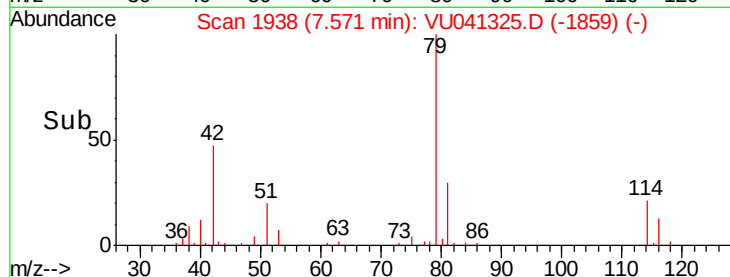
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041325.D

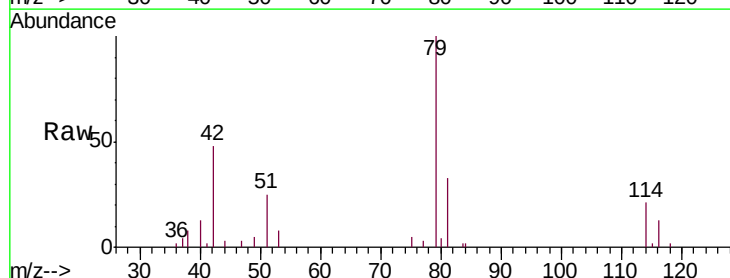
Acq: 18 Nov 2020 20:37

Tgt Ion: 75 Resp: 623

Ion Ratio Lower Upper

75 100

77 65.2 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

400

300

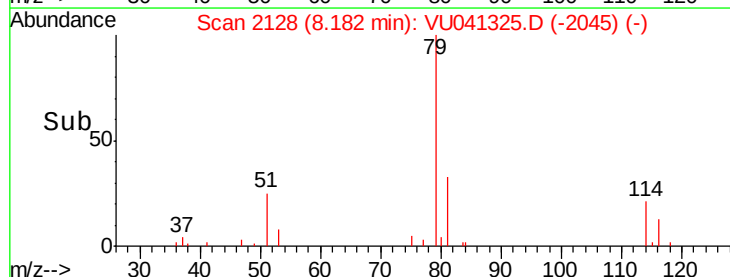
200

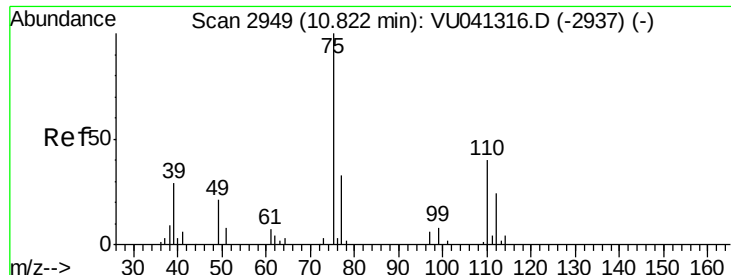
100

0

8.14 8.16 8.18 8.20 8.22

Time-->





#59

1,2,3-Trichloropropane

Concen: 0.799 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041325.D

Acq: 18 Nov 2020 20:37

Instrument :

MSVOA_U

ClientSampleId :

H4424

Tgt Ion: 75 Resp: 3209

Ion Ratio Lower Upper

75 100

77 40.9 25.7 38.5#

