

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041046.D
 Acq On : 02 Nov 2020 13:28
 Operator : SY/MD
 Sample : L4584-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:48:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52112	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21748	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.92	69	16504	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	32286	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.64	46	89792	62.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.56%
24) Chloroform-d	5.08	84	39234	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	26551	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.74	84	74114	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	25333	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.91	98	63283	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.19	79	10595	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.64	63	65894	61.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24028	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	25060	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

Target Compounds

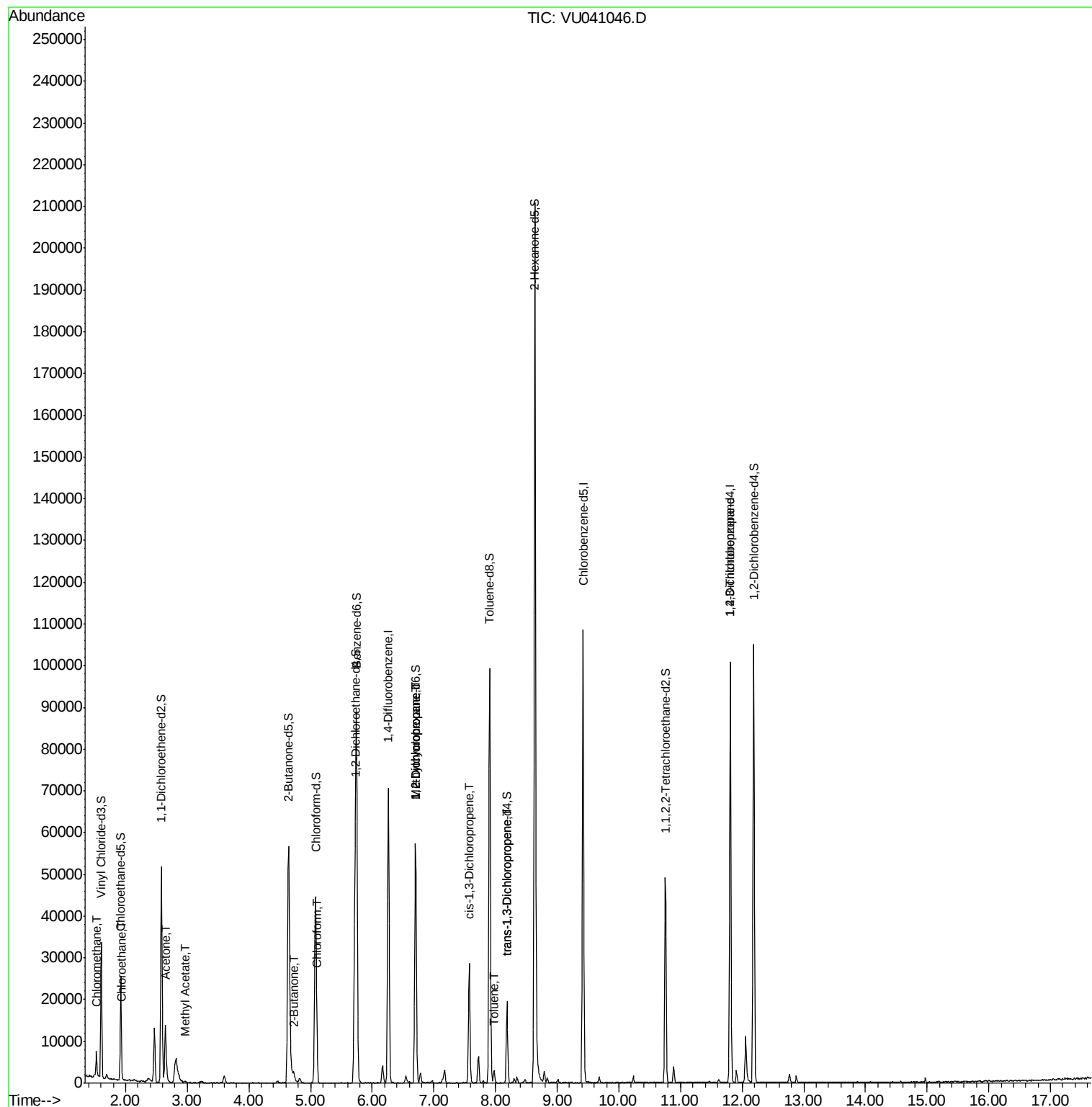
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	3660	0.738	ug/L	92
8) Chloroethane	1.94	64	453	0.146	ug/L	100
13) Acetone	2.65	43	18031	18.293	ug/L #	60
15) Methyl Acetate	2.97	43	789	0.350	ug/L #	53
21) 2-Butanone	4.73	43	3218	2.089	ug/L	94
25) Chloroform	5.11	83	416	0.055	ug/L	75
35) Methylcyclohexane	6.70	83	5949	0.988	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2829	0.659	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	797	0.135	ug/L #	74
42) Toluene	7.98	91	2297	0.143	ug/L	95
44) trans-1,3-Dichloropropene	8.19	75	467	0.084	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	3486	1.090	ug/L	90

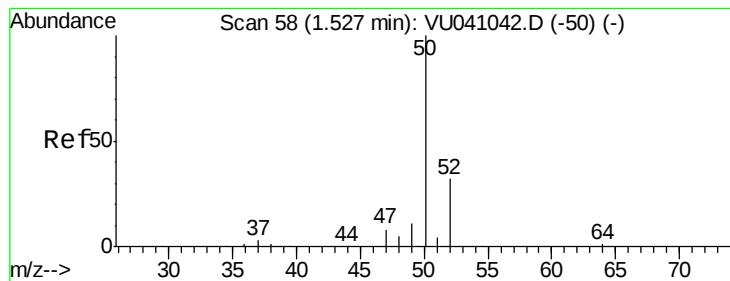
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110220\
Data File : VU041046.D
Acq On : 02 Nov 2020 13:28
Operator : SY/MD
Sample : L4584-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 03 00:48:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.738 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041046.D

Acq: 02 Nov 2020 13:28

Instrument :

MSVOA_U

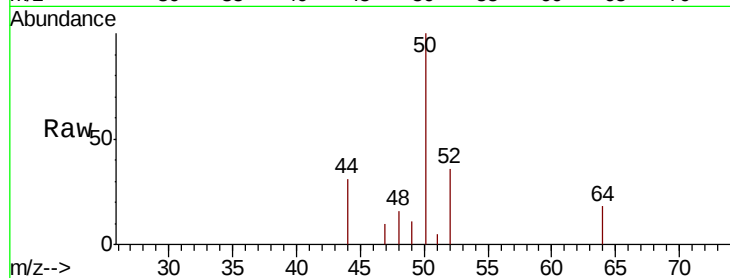
ClientSampleId :

Tot Ion: 50 Resp: 3660

Ion Ratio Lower Upper

50 100

52 36.4 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041042.D (-50) (-)

Ion 52.05 (51.75 to 52.75): VU041042.D (-50) (-)

1.53

3000

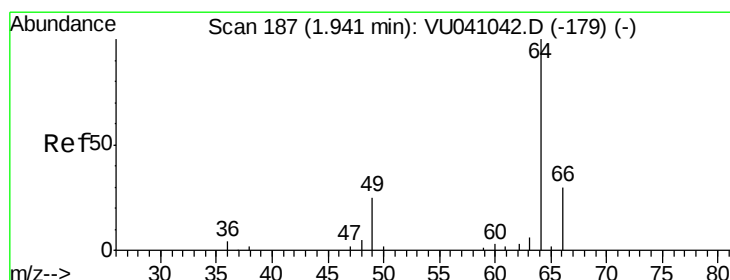
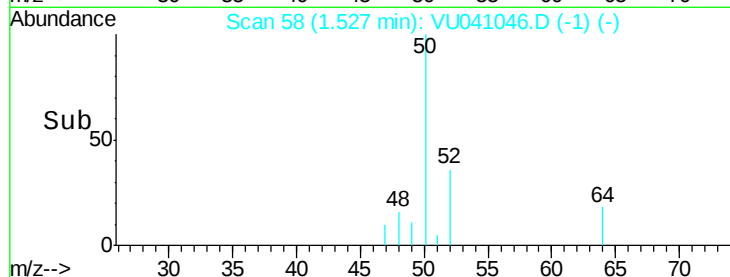
2000

1000

0

Time-->

1.48 1.50 1.52 1.54 1.56



#8

Chloroethane

Concen: 0.146 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU041046.D

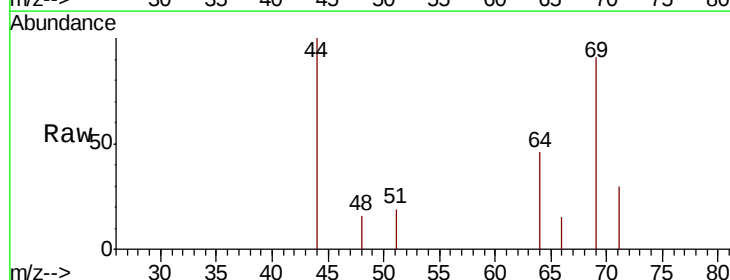
Acq: 02 Nov 2020 13:28

Tgt Ion: 64 Resp: 453

Ion Ratio Lower Upper

64 100

66 31.8 22.3 41.5



Abundance Ion 64.10 (63.80 to 64.80): VU041042.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU041042.D (-179) (-)

1.94

400

300

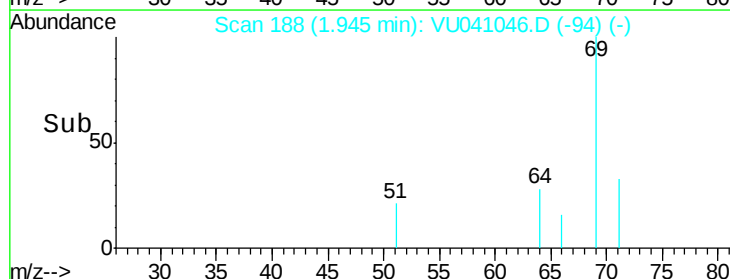
200

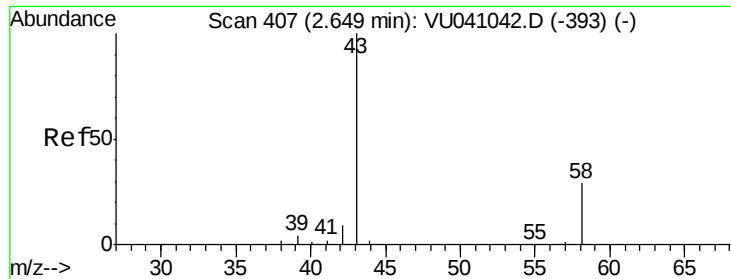
100

0

Time-->

1.90 1.95 2.00





#13

Acetone

Concen: 18.293 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU041046.D

Acq: 02 Nov 2020 13:28

Instrument :

MSVOA_U

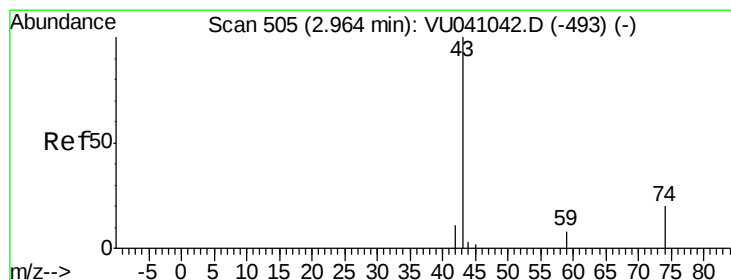
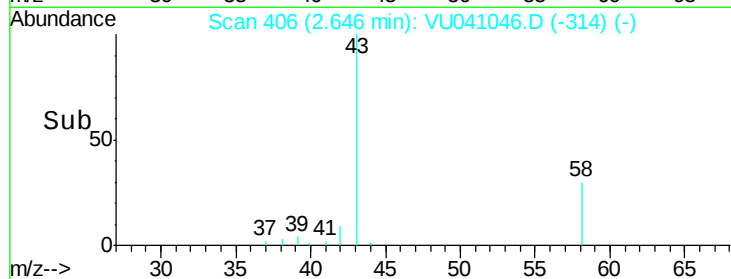
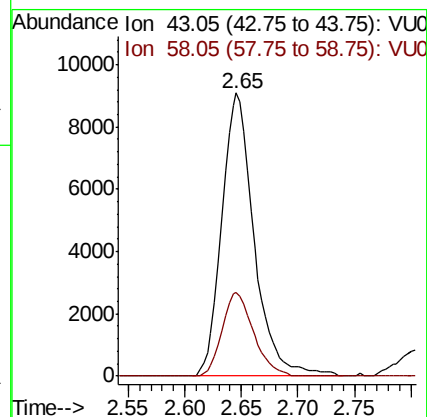
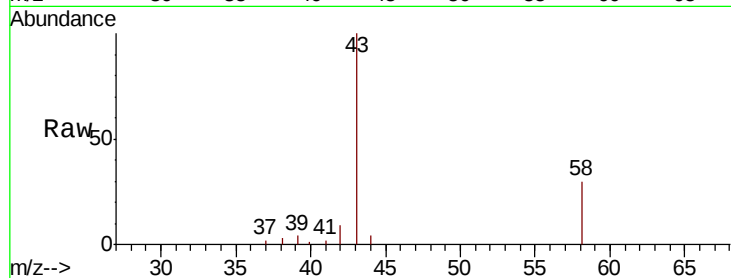
ClientSampleId :

Tot Ion: 43 Resp: 18031

Ion Ratio Lower Upper

43 100

58 28.6 0.0 25.4#



#15

Methyl Acetate

Concen: 0.350 ug/L

RT: 2.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: VU041046.D

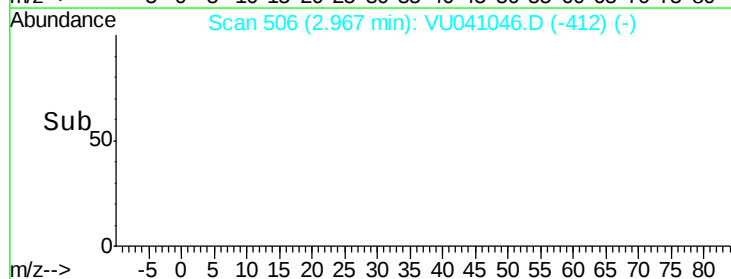
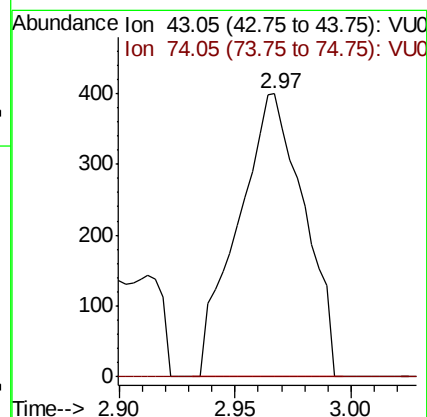
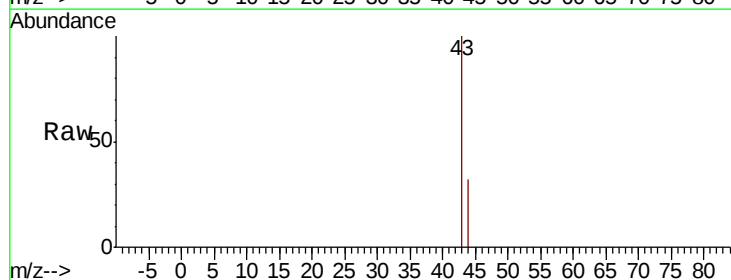
Acq: 02 Nov 2020 13:28

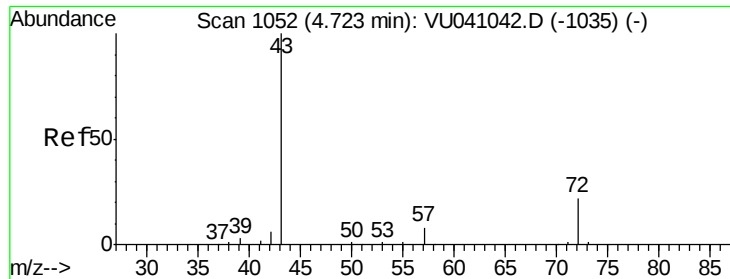
Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#





#21

2-Butanone

Concen: 2.089 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VU041046.D

Acq: 02 Nov 2020 13:28

Instrument :

MSVOA_U

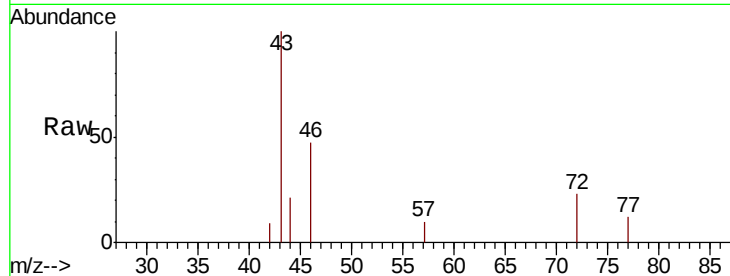
ClientSampleId :

Tot Ion: 43 Resp: 3218

Ion Ratio Lower Upper

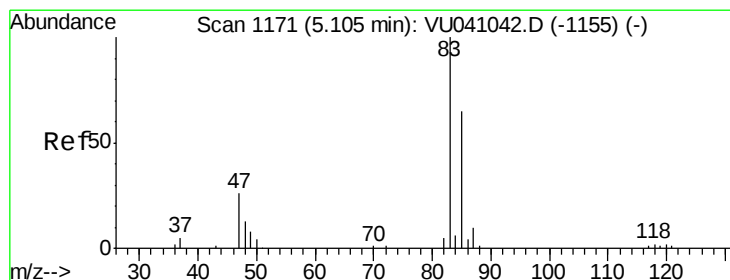
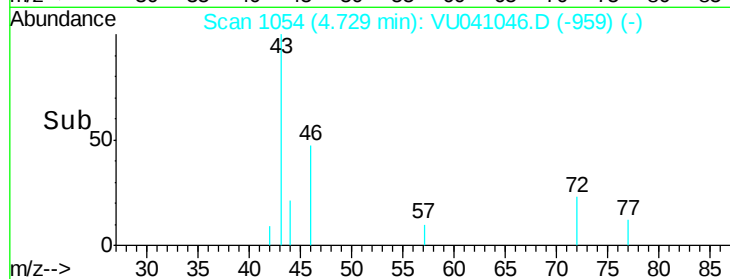
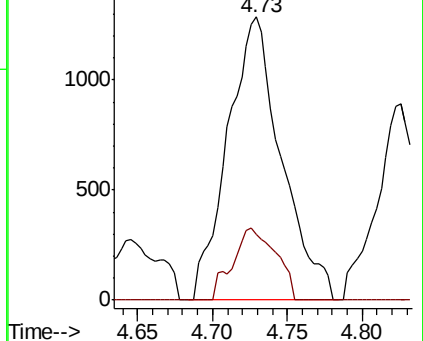
43 100

72 20.4 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VU041042.D (-1035) (-)

Ion 72.10 (71.80 to 72.80): VU041042.D (-1035) (-)



#25

Chloroform

Concen: 0.055 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU041046.D

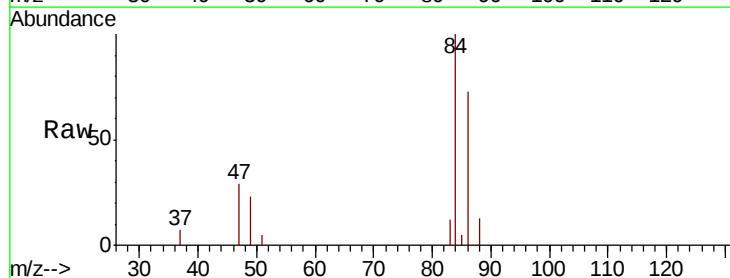
Acq: 02 Nov 2020 13:28

Tgt Ion: 83 Resp: 416

Ion Ratio Lower Upper

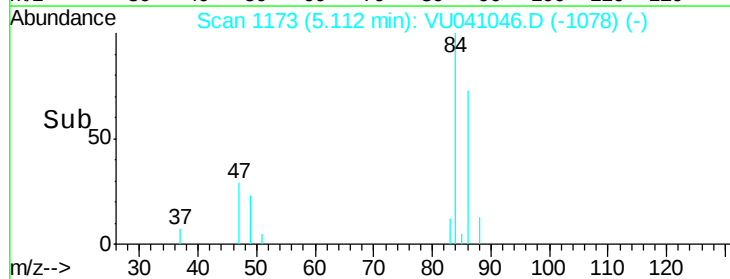
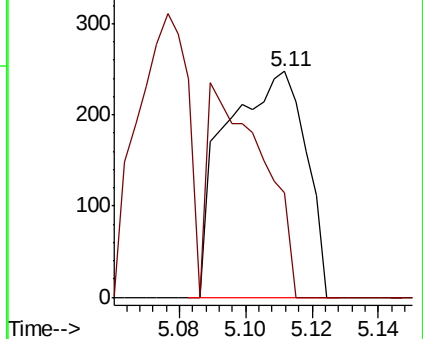
83 100

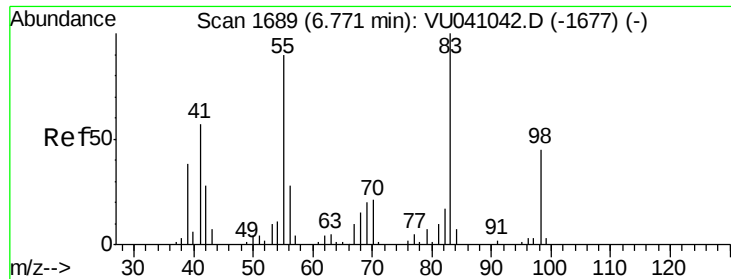
85 46.4 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU041042.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU041042.D (-1155) (-)

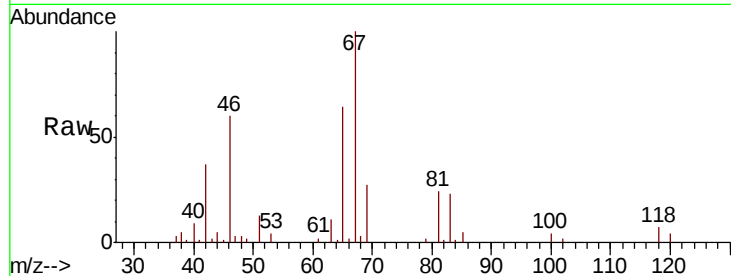




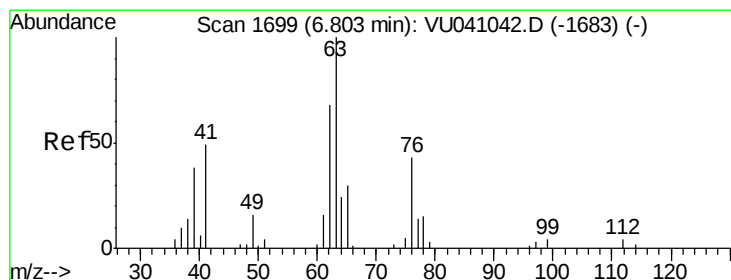
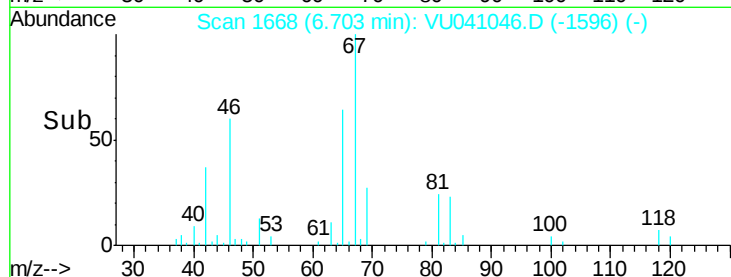
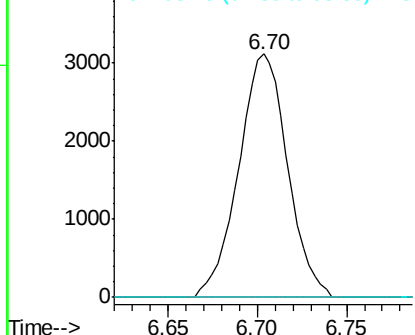
#35
Methvlcvclohexane
Concen: 0.988 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041046.D
Acq: 02 Nov 2020 13:28

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5949
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

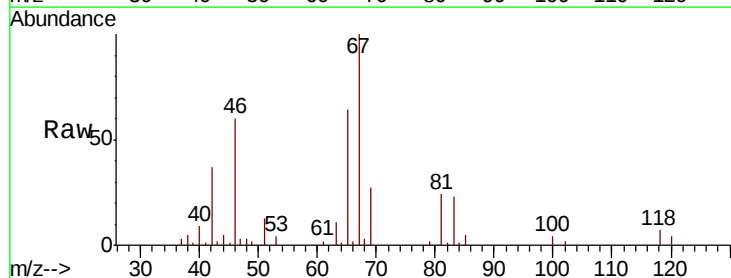


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

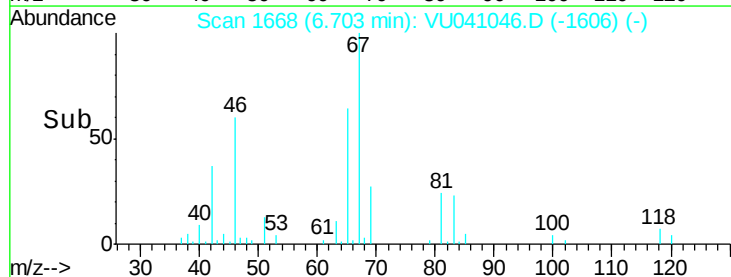
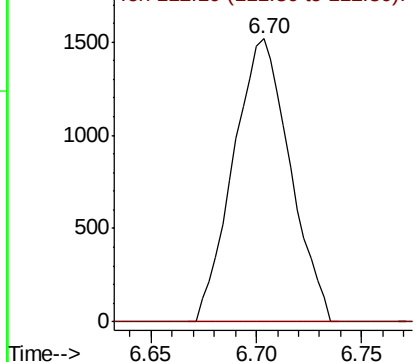


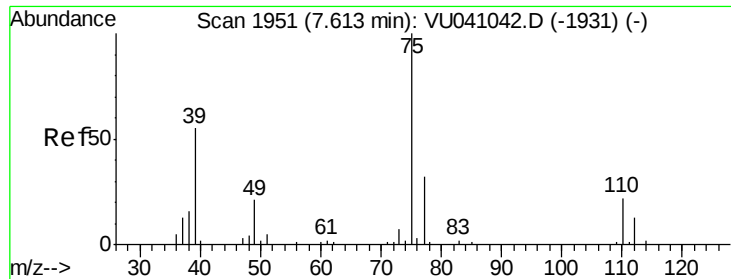
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041046.D
Acq: 02 Nov 2020 13:28

Tgt Ion: 63 Resp: 2829
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

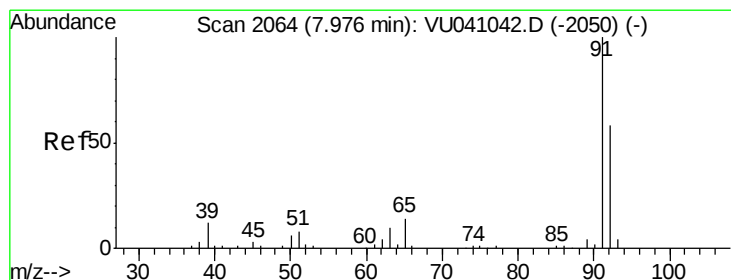
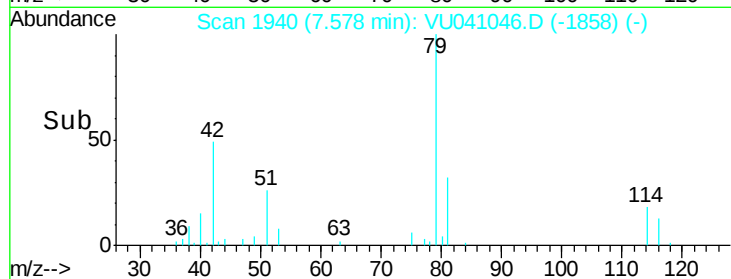
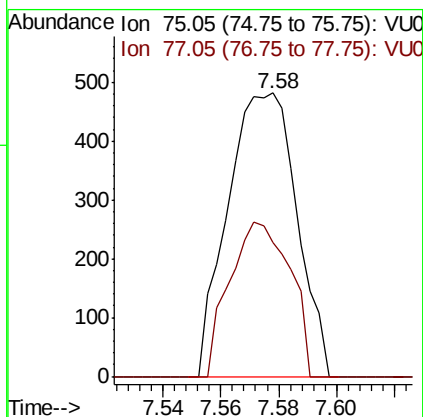
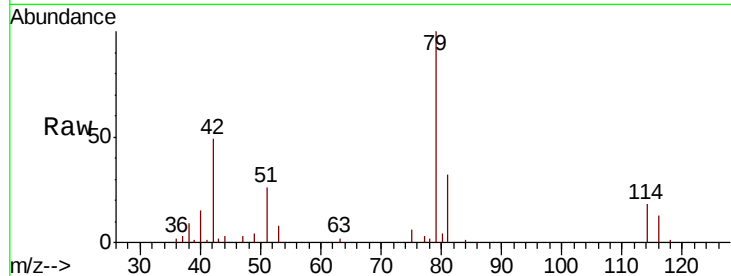




#39
 cis-1,3-Dichloropropene
 Concen: 0.135 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041046.D
 Acq: 02 Nov 2020 13:28

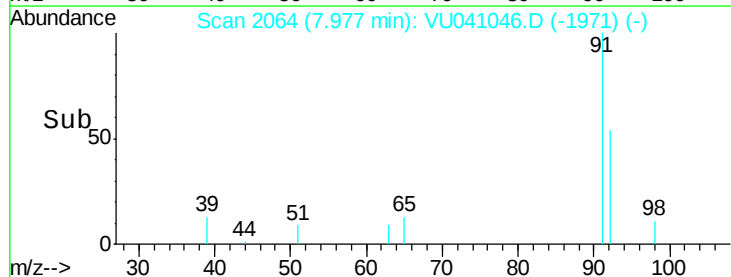
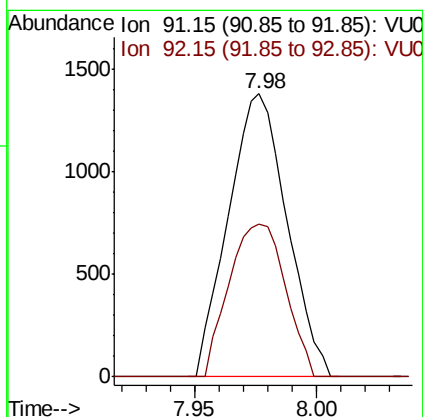
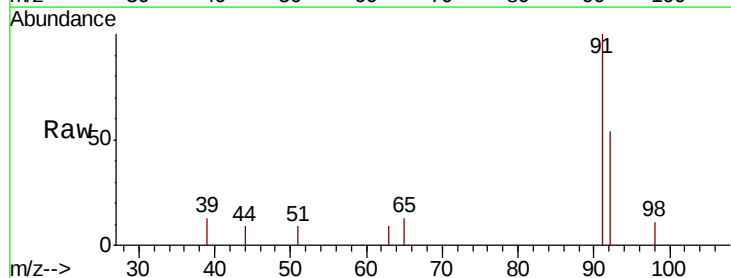
Instrument :
 MSVOA_U
 ClientSampleId :

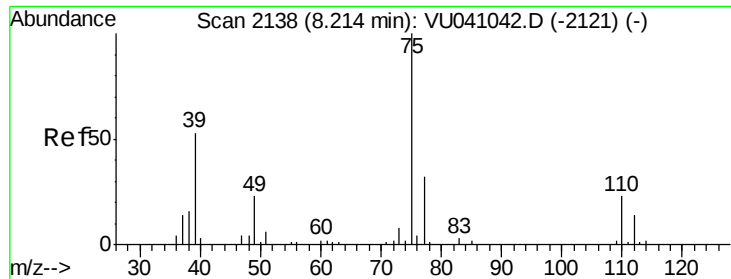
Tot Ion: 75 Resp: 797
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.7 42.3#



#42
 Toluene
 Concen: 0.143 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU041046.D
 Acq: 02 Nov 2020 13:28

Tgt Ion: 91 Resp: 2297
 Ion Ratio Lower Upper
 91 100
 92 54.2 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041046.D

Acq: 02 Nov 2020 13:28

Instrument :

MSVOA_U

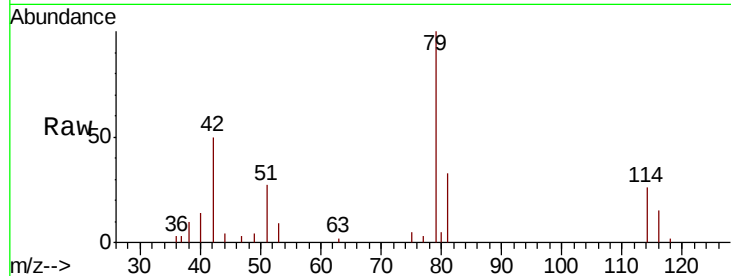
ClientSampleId :

Tot Ion: 75 Resp: 467

Ion Ratio Lower Upper

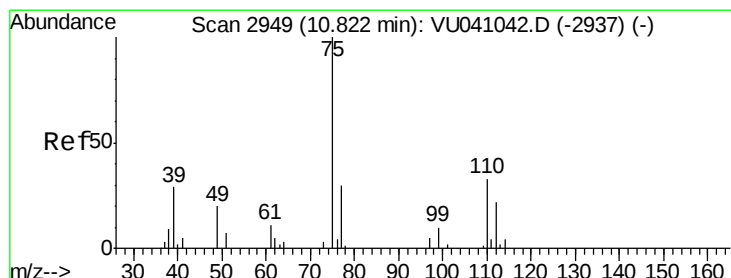
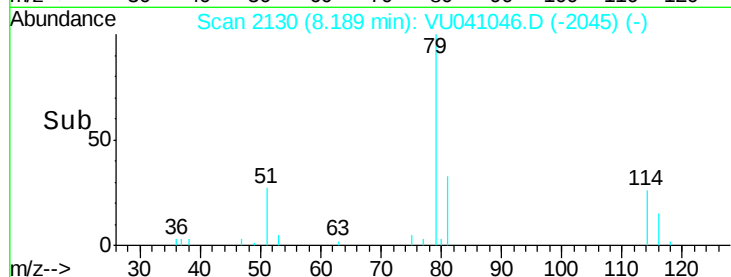
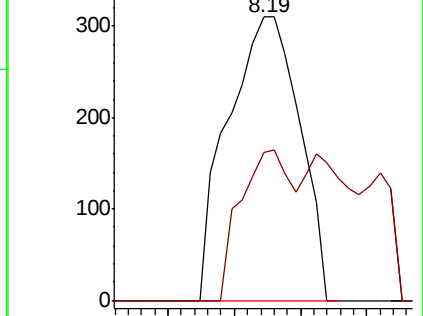
75 100

77 52.3 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.090 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041046.D

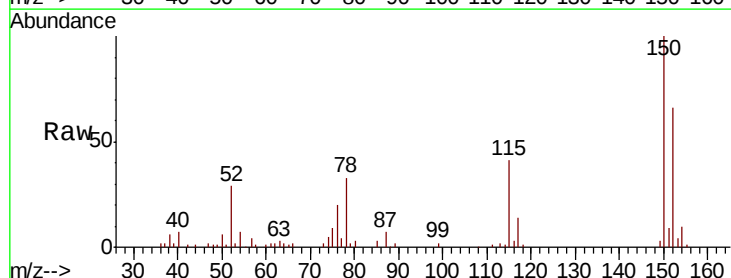
Acq: 02 Nov 2020 13:28

Tgt Ion: 75 Resp: 3486

Ion Ratio Lower Upper

75 100

77 37.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

