

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041285.D
 Acq On : 17 Nov 2020 17:08
 Operator : SY/MD
 Sample : L4740-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB113

Quant Time: Nov 17 22:36:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 22:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71048	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76346	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27639	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.92	69	23336	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	41112	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.66	46	103783	48.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	5.08	84	57921	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.72	65	35888	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	98422	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.70	67	34052	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.91	98	83635	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	14077	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	73610	45.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30898	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32700	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	435	0.069 ug/L	92
6) Bromomethane	1.87	94	364	0.099 ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	377	0.072 ug/L #	22
13) Acetone	2.66	43	7179	5.022 ug/L #	62
14) Carbon disulfide	2.81	76	3552	0.261 ug/L	97
15) Methyl Acetate	2.98	43	290	0.098 ug/L #	53
25) Chloroform	5.11	83	974	0.089 ug/L	93
27) 1,2-Dichloroethane	5.74	62	667	0.085 ug/L #	74
33) Benzene	5.79	78	683	0.033 ug/L	100
35) Methylcyclohexane	6.70	83	7986	1.075 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4229	0.699 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	1078	0.128 ug/L #	66
42) Toluene	7.98	91	1685	0.076 ug/L	86
44) trans-1,3-Dichloropropene	8.19	75	625	0.078 ug/L #	62
48) 2-Hexanone	8.69	43	1857	0.497 ug/L #	89
59) 1,2,3-Trichloropropane	11.81	75	4237	0.888 ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
Data File : VU041285.D
Acq On : 17 Nov 2020 17:08
Operator : SY/MD
Sample : L4740-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB113

Quant Time: Nov 17 22:36:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration

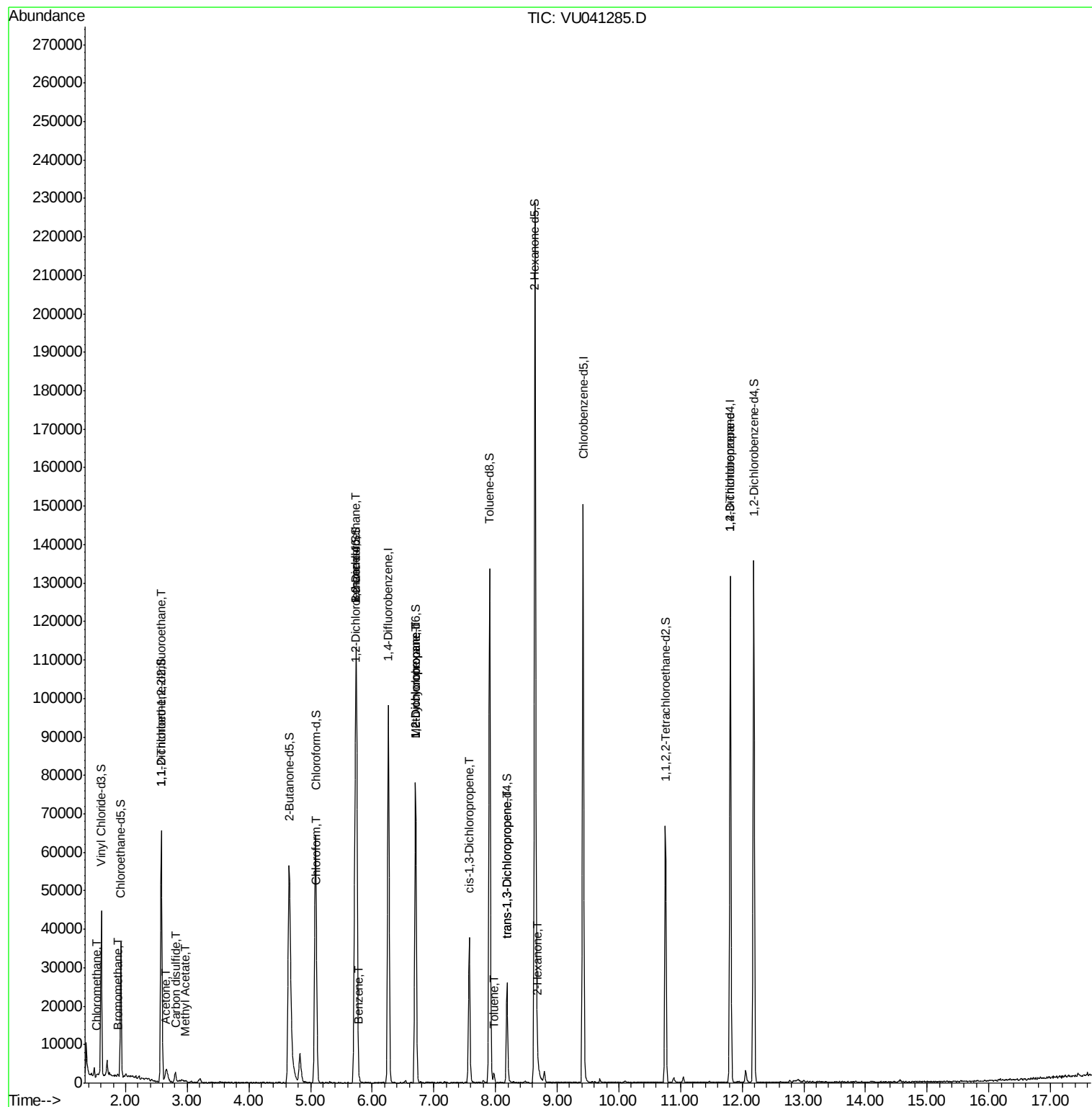
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

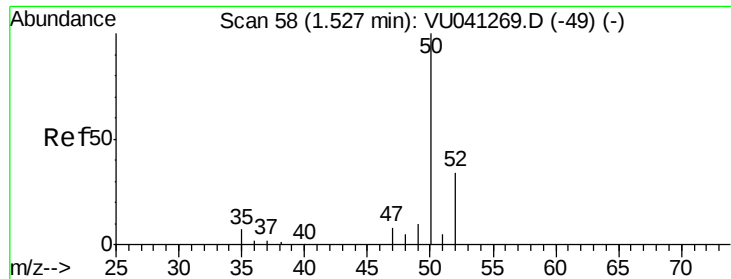
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111720\
Data File : VU041285.D
Acq On : 17 Nov 2020 17:08
Operator : SY/MD
Sample : L4740-08
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB113

Quant Time: Nov 17 22:36:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration

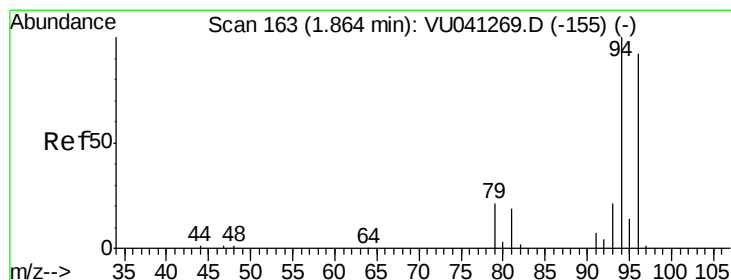
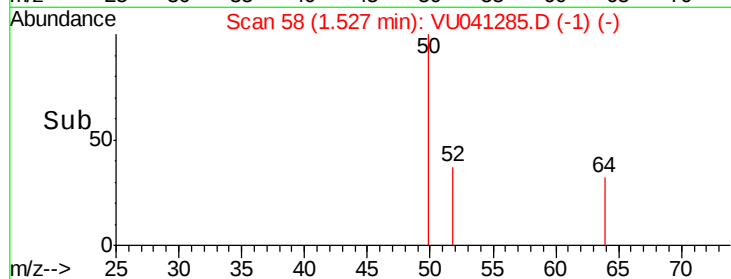
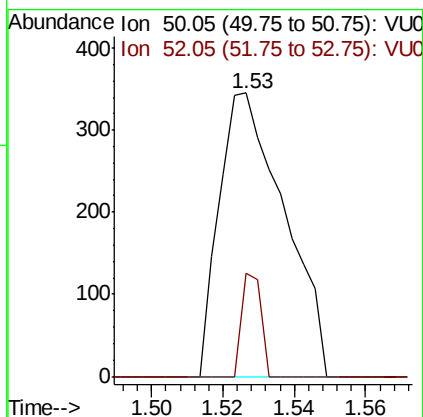
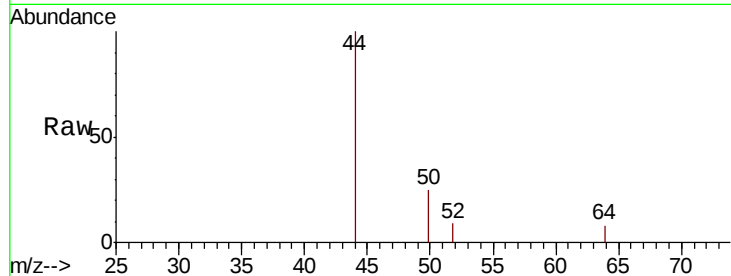




#3
 Chloromethane
 Concen: 0.069 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU041285.D
 Acq: 17 Nov 2020 17:08

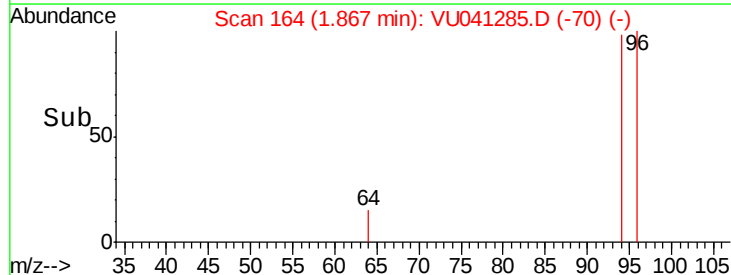
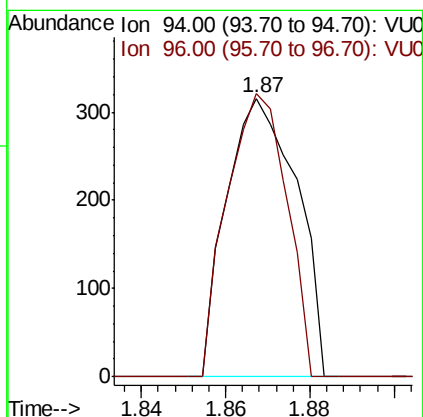
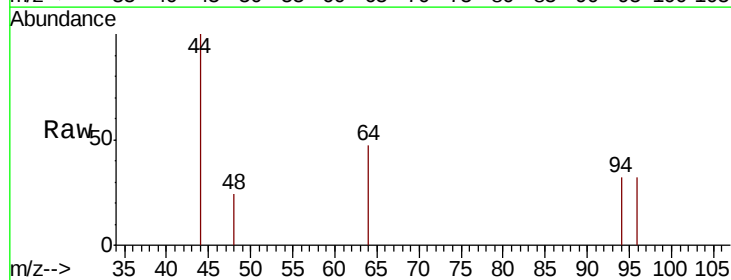
Instrument :
 MSVOA_U
 ClientSampleId :
 GB113

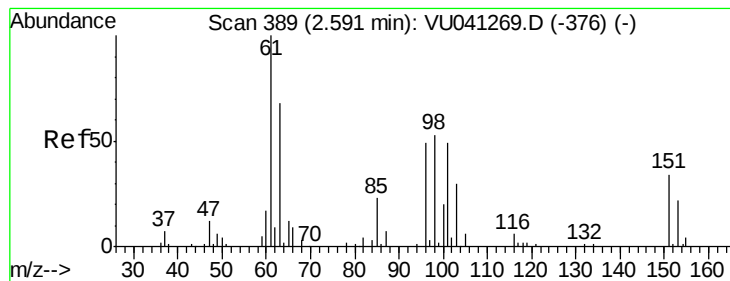
Tot Ion: 50 Resp: 435
 Ion Ratio Lower Upper
 50 100
 52 36.5 22.4 41.6



#6
 Bromomethane
 Concen: 0.099 ug/L
 RT: 1.87 min Scan# 164
 Delta R.T. 0.00 min
 Lab File: VU041285.D
 Acq: 17 Nov 2020 17:08

Tgt Ion: 94 Resp: 364
 Ion Ratio Lower Upper
 94 100
 96 101.6 63.5 117.9





#10

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

Concen: 0.072 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041285.D

Acq: 17 Nov 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

GB113

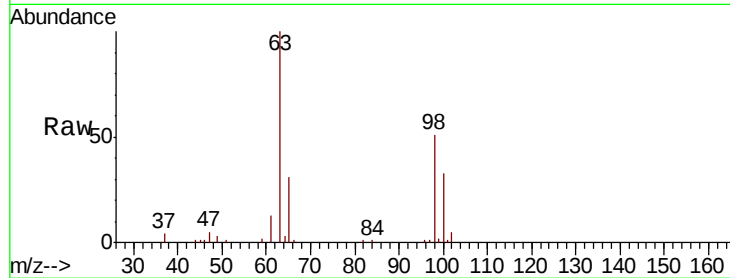
Tot Ion:101 Resp: 377

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

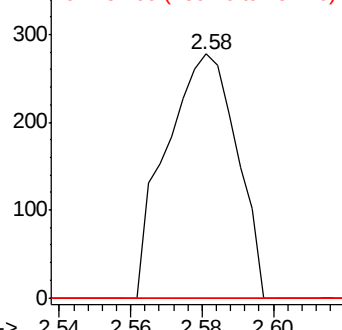
151 0.0 55.3 82.9#



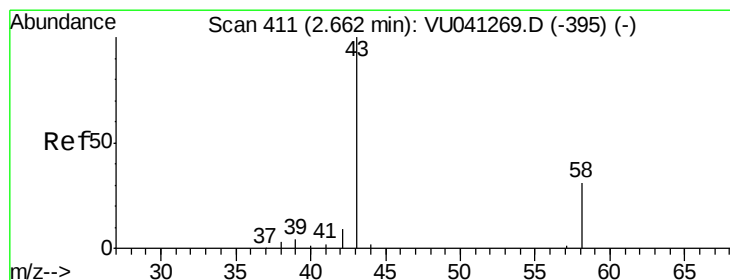
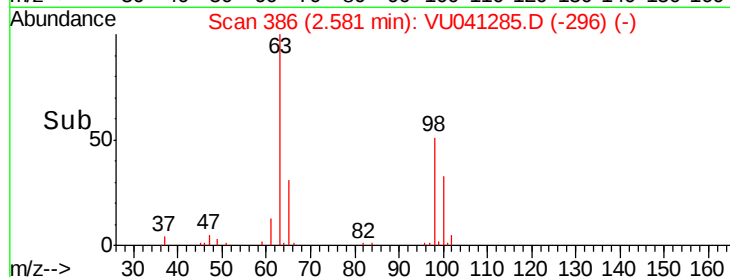
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 5.022 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU041285.D

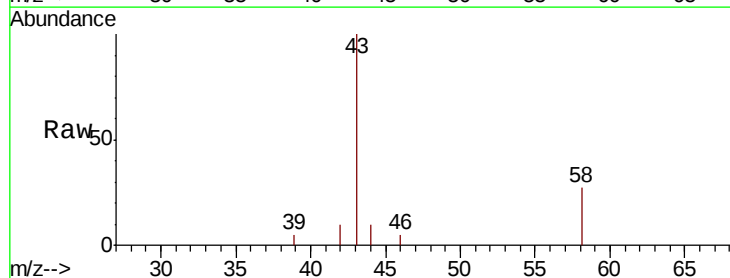
Acq: 17 Nov 2020 17:08

Tgt Ion: 43 Resp: 7179

Ion Ratio Lower Upper

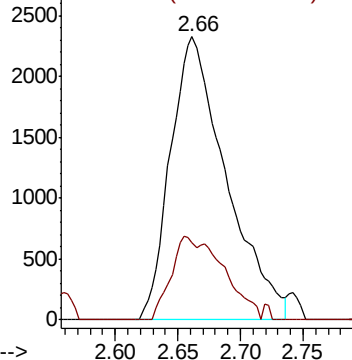
43 100

58 27.8 0.0 25.4#

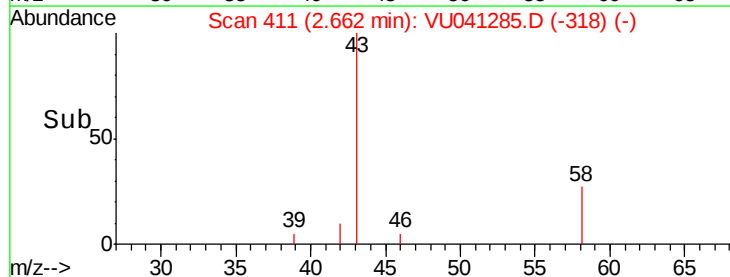


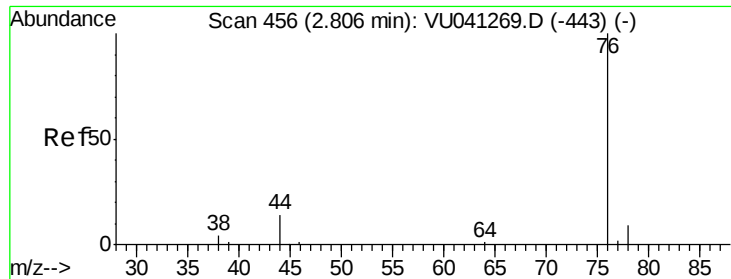
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



Time-->

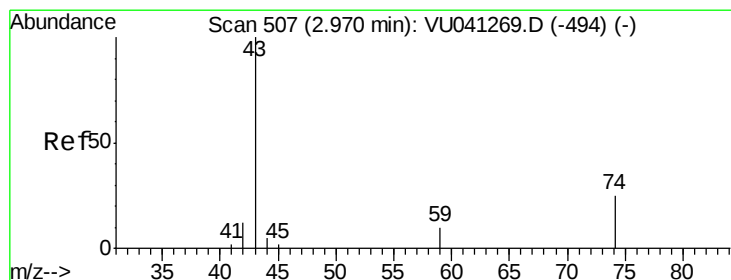
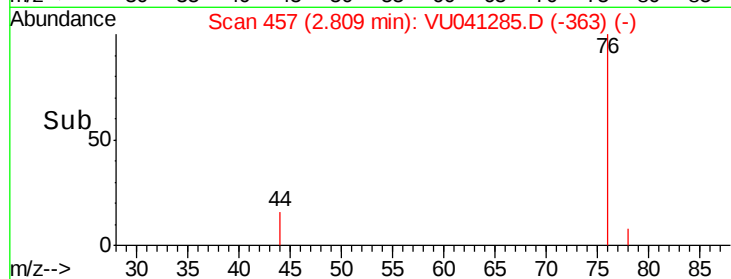
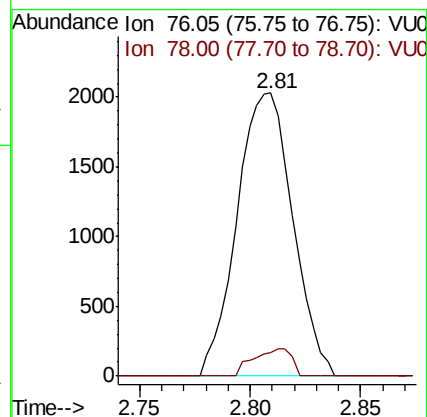
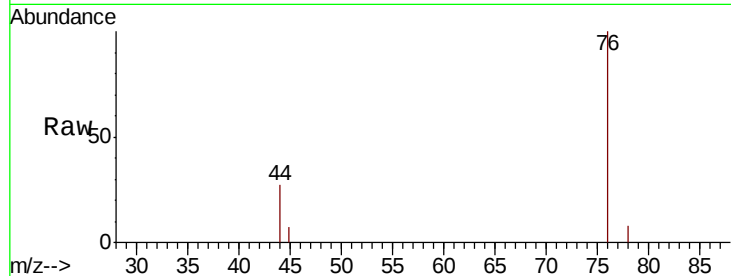




#14
Carbon disulfide
Concen: 0.261 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: VU041285.D
Acq: 17 Nov 2020 17:08

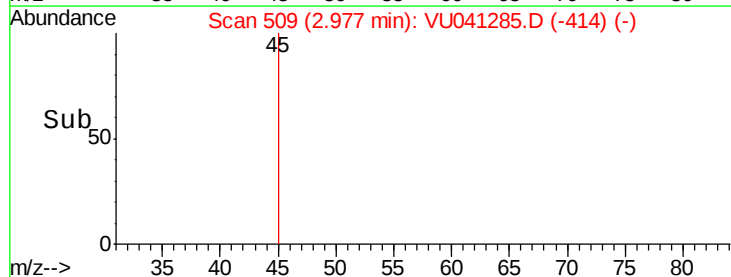
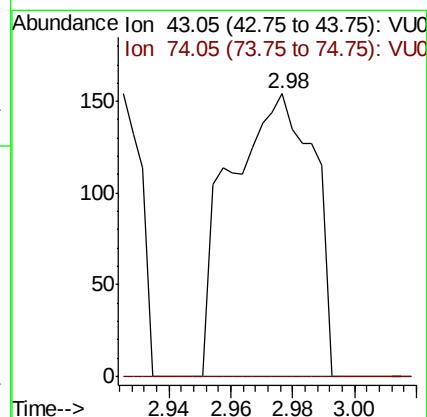
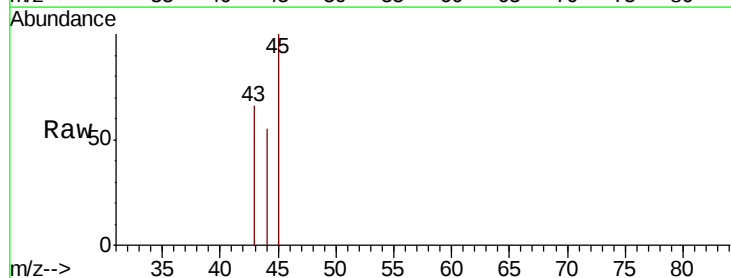
Instrument :
MSVOA_U
ClientSampleId :
GB113

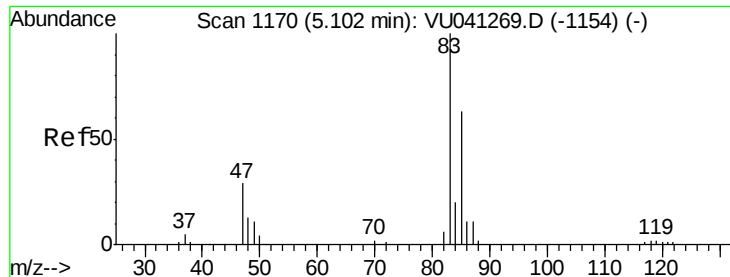
Tot Ion: 76 Resp: 3552
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#15
Methyl Acetate
Concen: 0.098 ug/L
RT: 2.98 min Scan# 509
Delta R.T. 0.01 min
Lab File: VU041285.D
Acq: 17 Nov 2020 17:08

Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

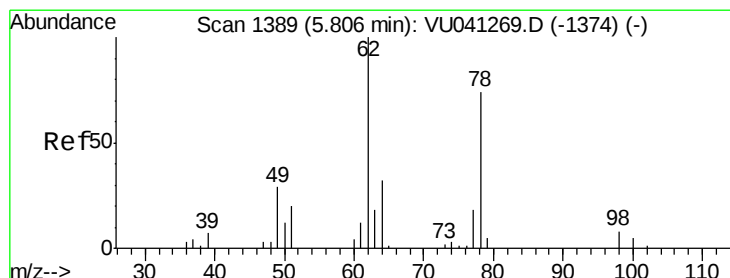
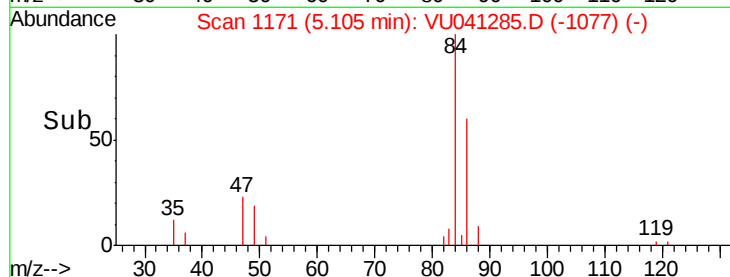
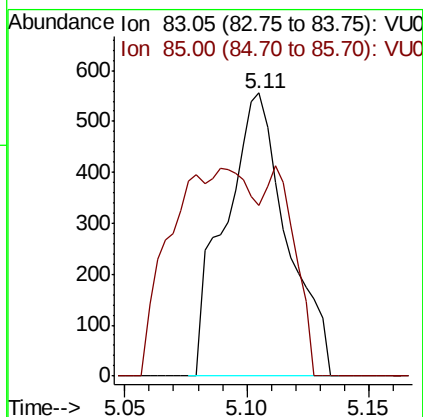
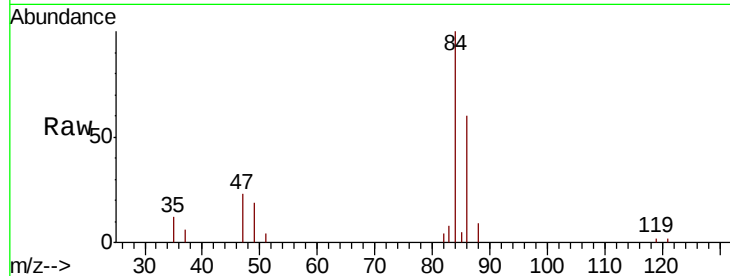




#25
Chloroform
Concen: 0.089 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041285.D
Acq: 17 Nov 2020 17:08

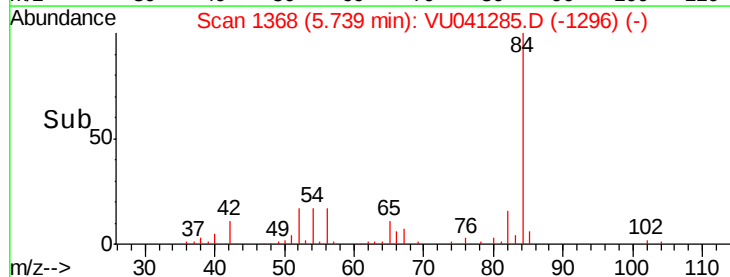
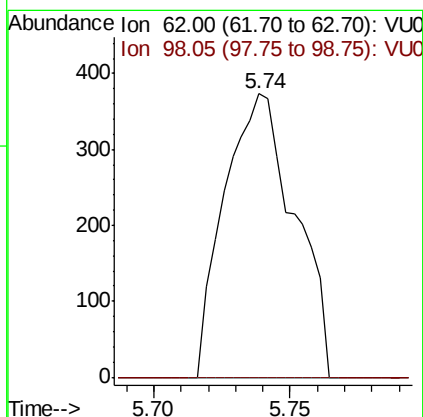
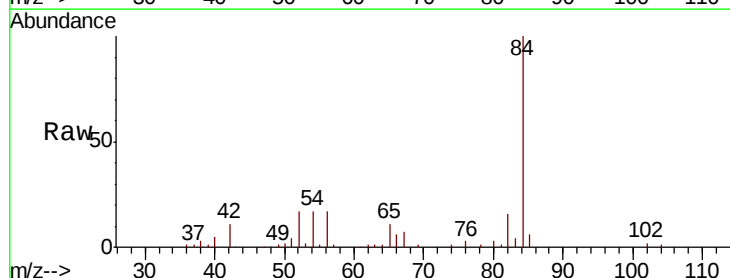
Instrument :
MSVOA_U
ClientSampleId :
GB113

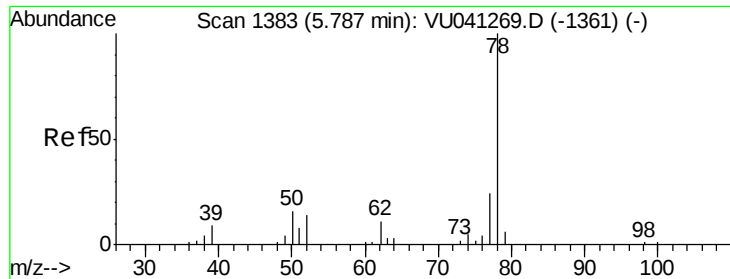
Tot Ion: 83 Resp: 974
Ion Ratio Lower Upper
83 100
85 60.4 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041285.D
Acq: 17 Nov 2020 17:08

Tgt Ion: 62 Resp: 667
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 0.033 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041285.D

Acq: 17 Nov 2020 17:08

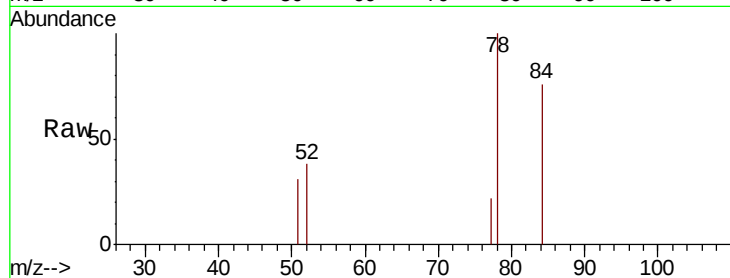
Instrument :

MSVOA_U

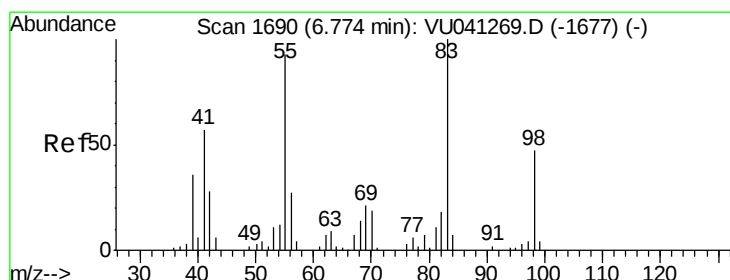
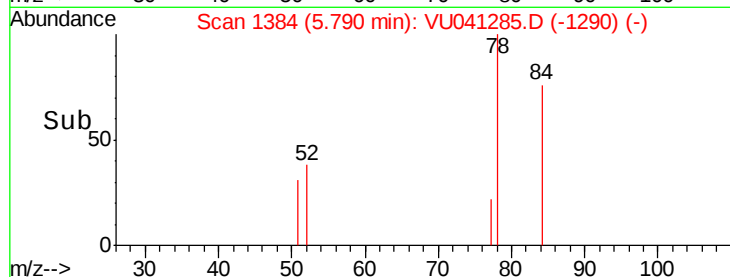
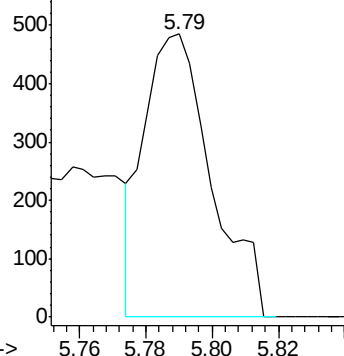
ClientSampleId :

GB113

Tgt Ion: 78 Resp: 683



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 1.075 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041285.D

Acq: 17 Nov 2020 17:08

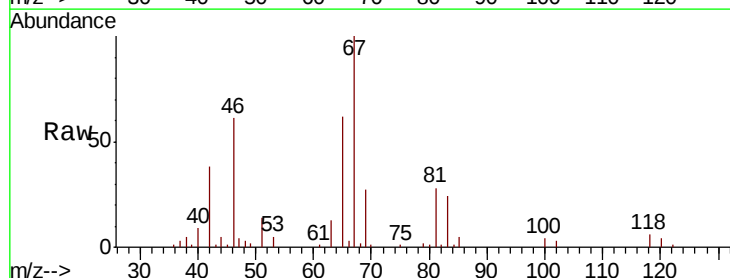
Tgt Ion: 83 Resp: 7986

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

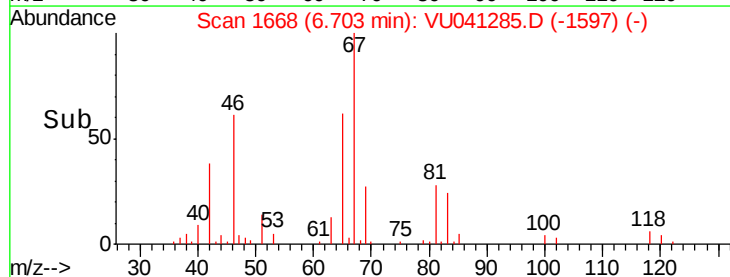
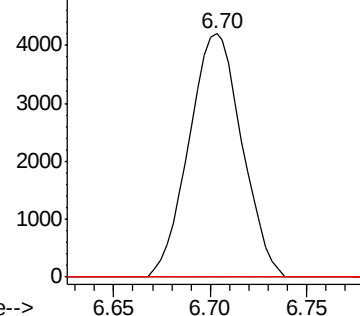
98 1.1 36.6 55.0#

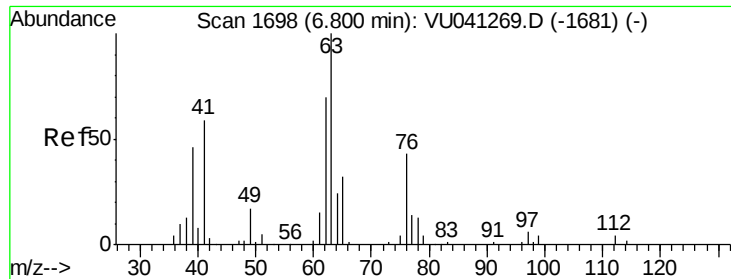


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

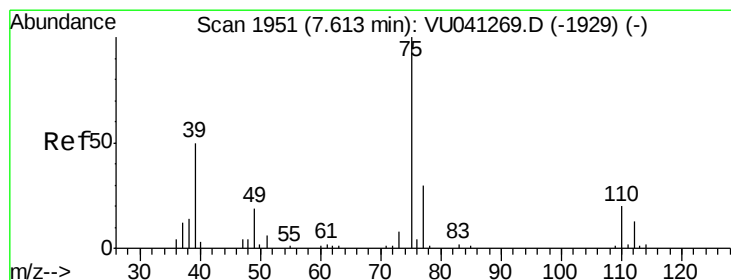
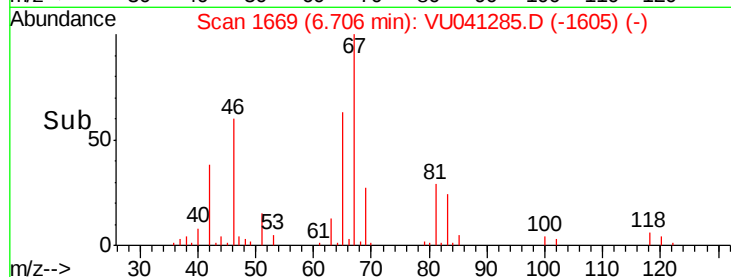
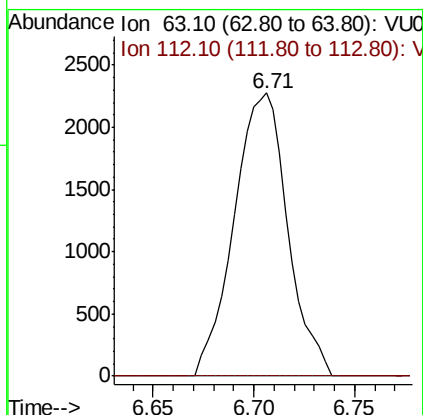
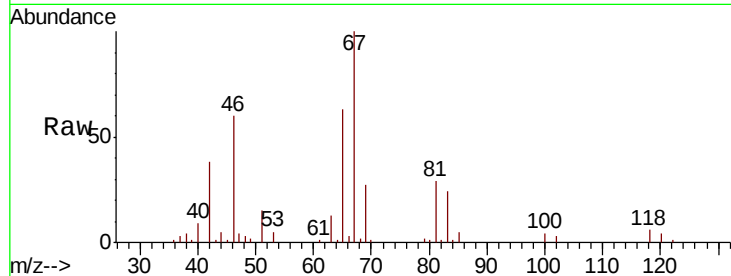




#37
 1,2-Dichloropropane
 Concen: 0.699 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU041285.D
 Acq: 17 Nov 2020 17:08

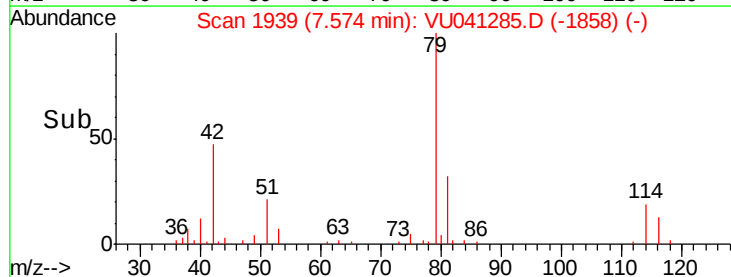
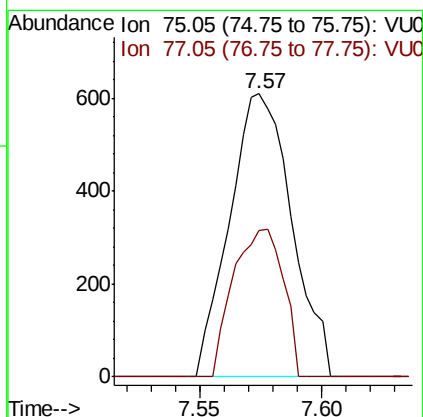
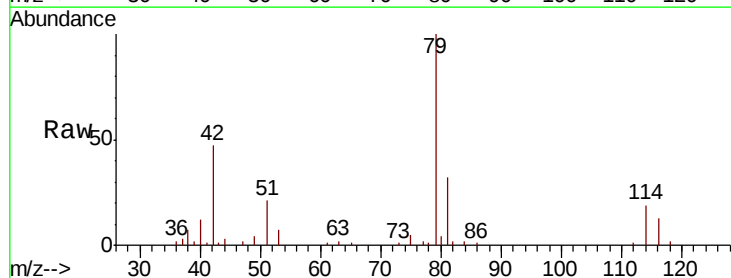
Instrument :
 MSVOA_U
 ClientSampleId :
 GB113

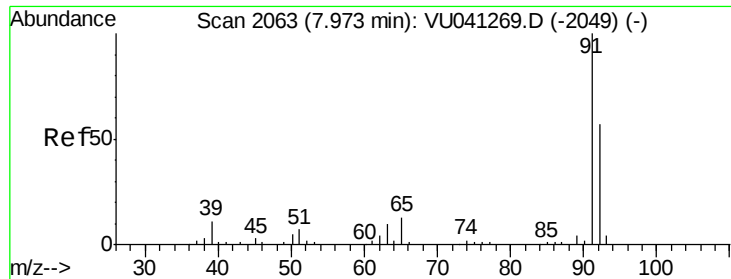
Tot Ion: 63 Resp: 4229
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.128 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041285.D
 Acq: 17 Nov 2020 17:08

Tgt Ion: 75 Resp: 1078
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.7 42.3#





#42

Toluene

Concen: 0.076 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041285.D

Acq: 17 Nov 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

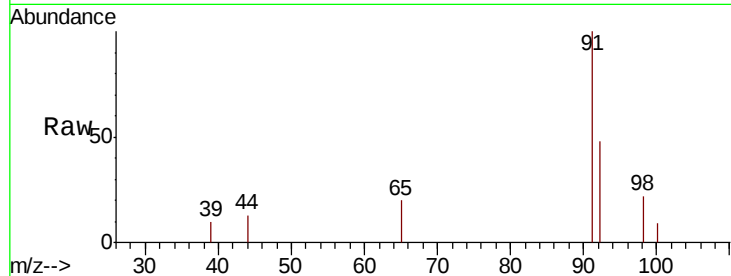
GB113

Tot Ion: 91 Resp: 1685

Ion Ratio Lower Upper

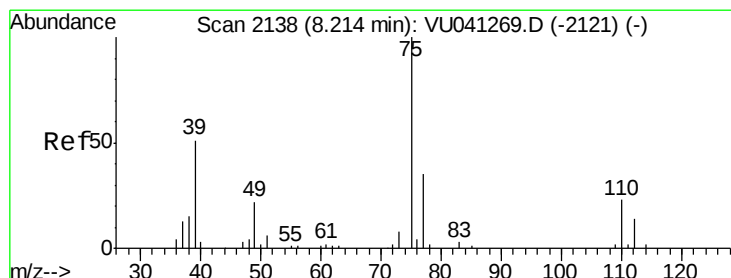
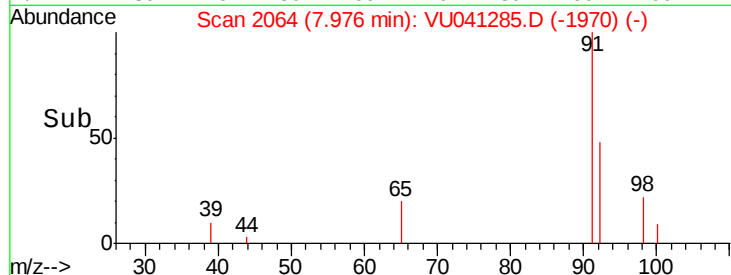
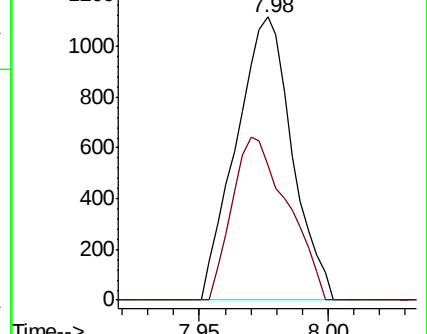
91 100

92 47.7 40.6 75.4



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: 0.078 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041285.D

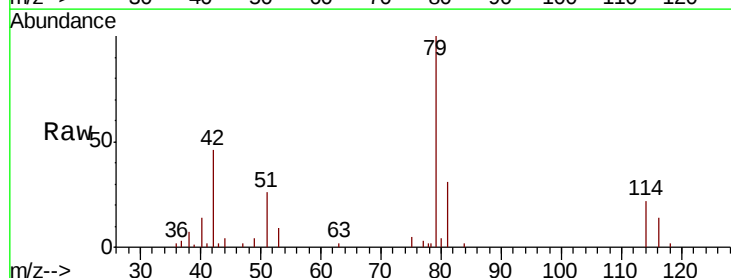
Acq: 17 Nov 2020 17:08

Tgt Ion: 75 Resp: 625

Ion Ratio Lower Upper

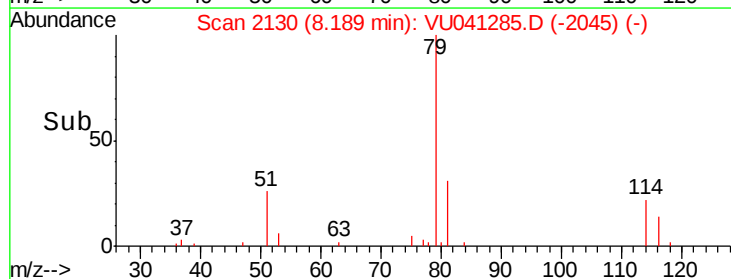
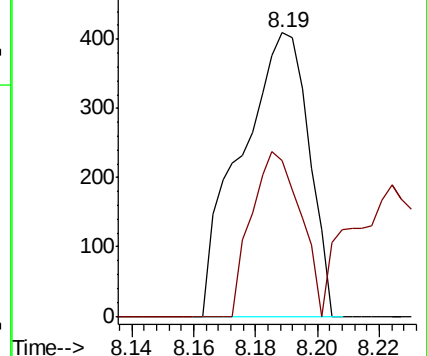
75 100

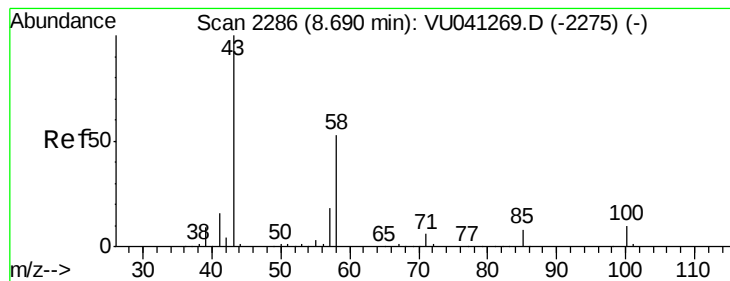
77 55.0 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#48

2-Hexanone

Concen: 0.497 ug/L

RT: 8.69 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VU041285.D

Acq: 17 Nov 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

GB113

Tot Ion: 43 Resp: 1857

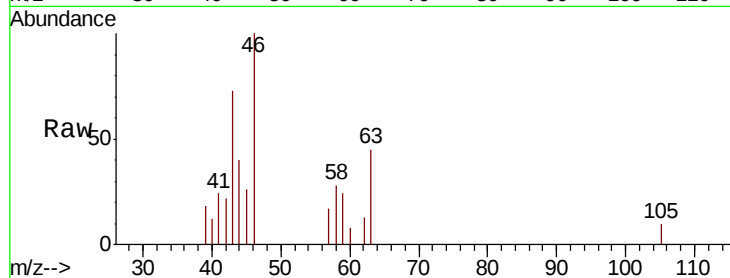
Ion Ratio Lower Upper

43 100

58 45.0 41.4 62.2

57 16.3 14.6 21.8

100 0.0 8.3 12.5#

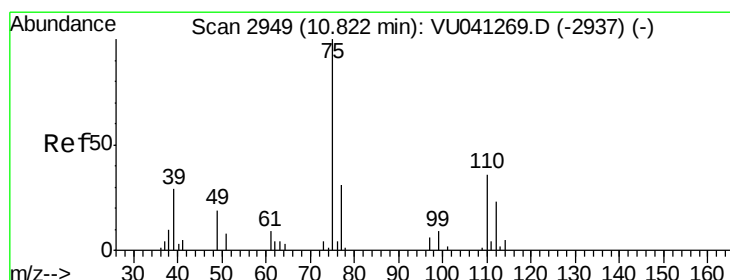
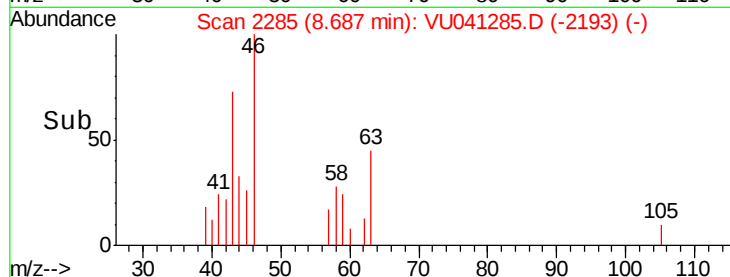
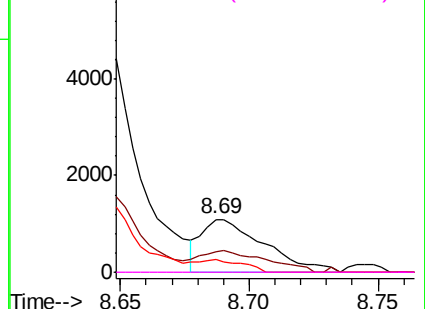


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#59

1,2,3-Trichloropropane

Concen: 0.888 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041285.D

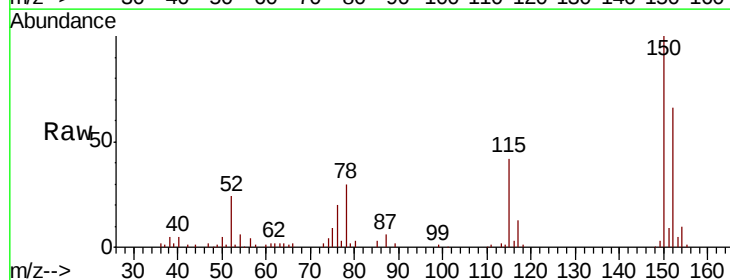
Acq: 17 Nov 2020 17:08

Tgt Ion: 75 Resp: 4237

Ion Ratio Lower Upper

75 100

77 38.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

