

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040481.D
 Acq On : 03 Oct 2020 15:55
 Operator : SY/MD
 Sample : L4185-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT1

Quant Time: Oct 05 01:03:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129642	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	32455	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.93	69	27406	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	53630	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	138772	43.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.06%
24) Chloroform-d	5.08	84	71266	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	44482	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	133573	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	46129	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	109244	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.19	79	17934	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.64	63	92723	40.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39309	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45303	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	7965	0.625 ug/L	99
8) Chloroethane	1.95	64	463	0.062 ug/L #	44
13) Acetone	2.67	43	29262	11.015 ug/L	91
21) 2-Butanone	4.83	43	143133	33.566 ug/L #	51
25) Chloroform	5.11	83	1170	0.055 ug/L	77
33) Benzene	5.79	78	2214	0.051 ug/L	100
35) Methylcyclohexane	6.70	83	10896	0.651 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5096	0.426 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1233	0.077 ug/L #	62
42) Toluene	7.98	91	19888	0.451 ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	900	0.061 ug/L	96
49) Dibromochloromethane	8.82	129	533	0.055 ug/L	92
59) 1,2,3-Trichloropropane	11.81	75	8523	0.982 ug/L	90
61) Bromoform	10.29	173	307	0.063 ug/L #	35
66) 1,2-Dibromo-3-chloropropan	13.20	75	138	0.081 ug/L #	10

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration

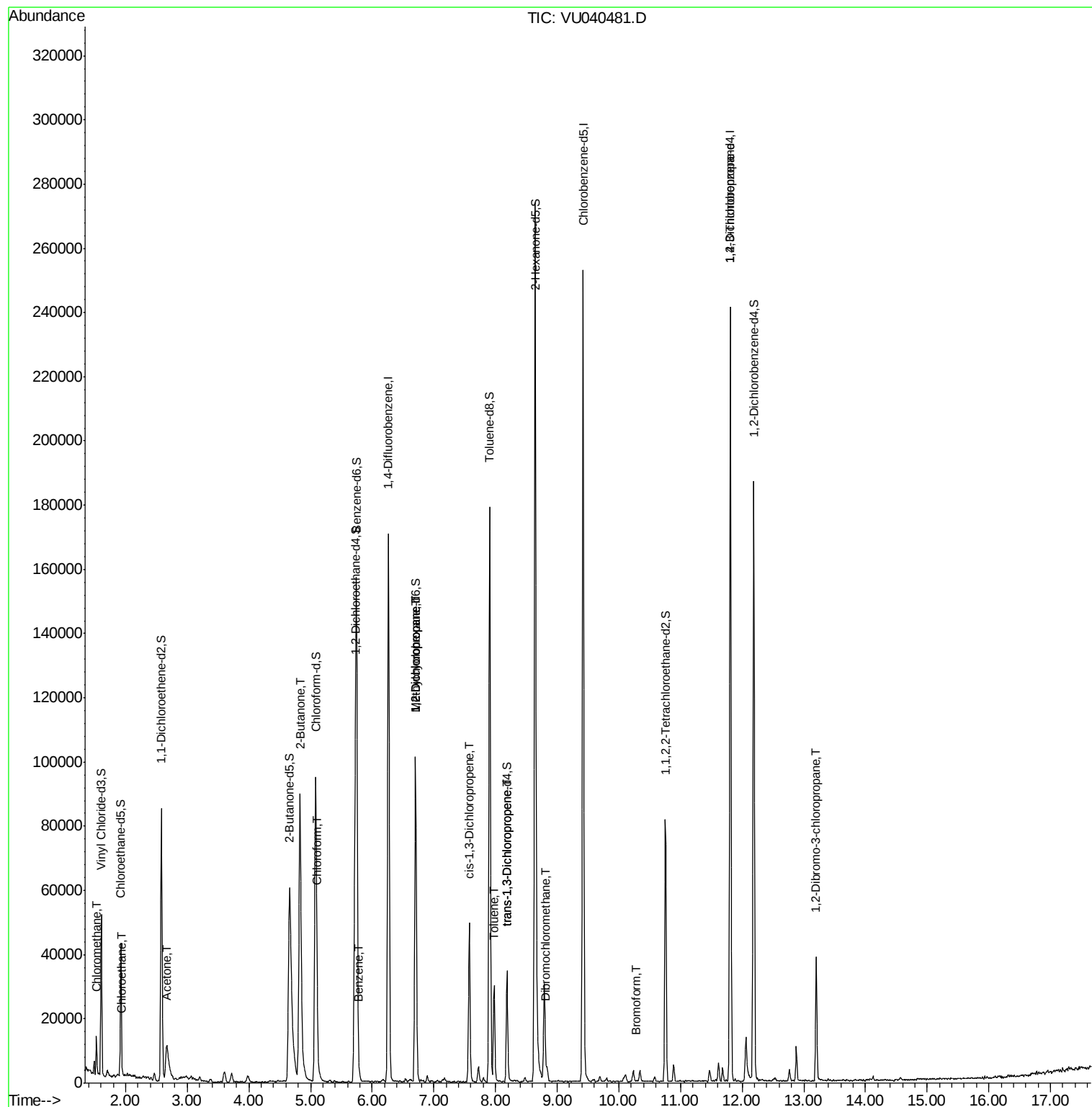
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

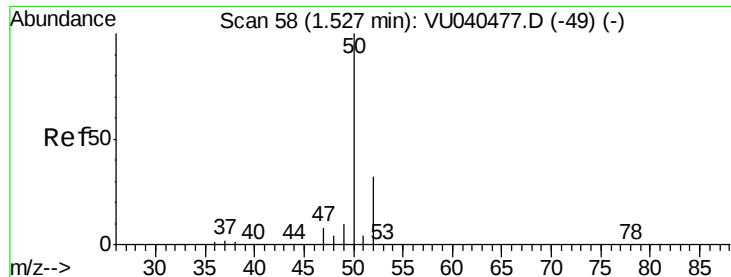
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.625 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040481.D

Acq: 03 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

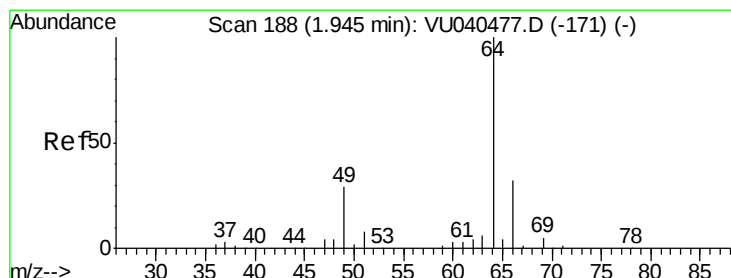
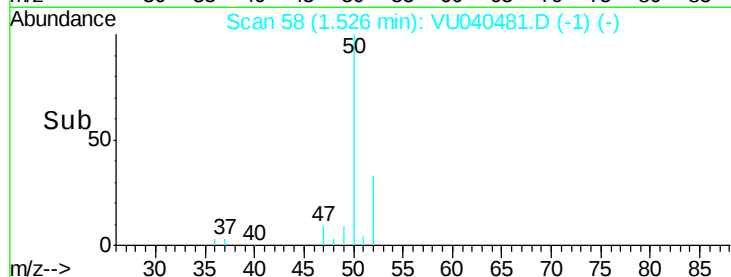
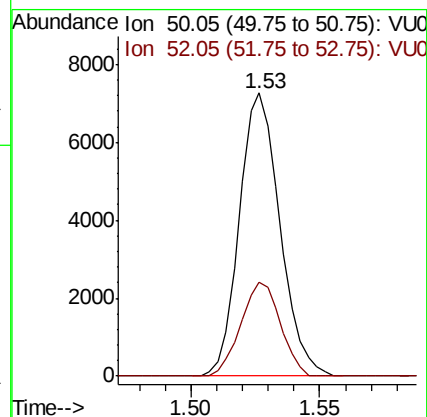
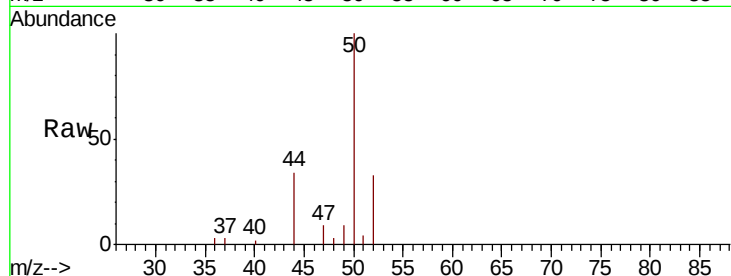
C0AT1

Tot Ion: 50 Resp: 7965

Ion Ratio Lower Upper

50 100

52 33.1 23.0 42.6



#8

Chloroethane

Concen: 0.062 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU040481.D

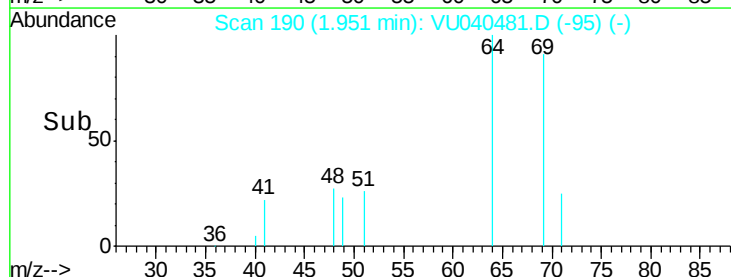
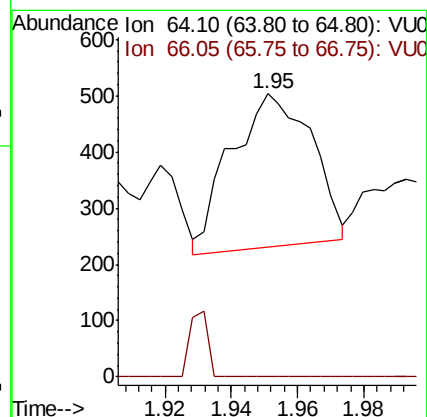
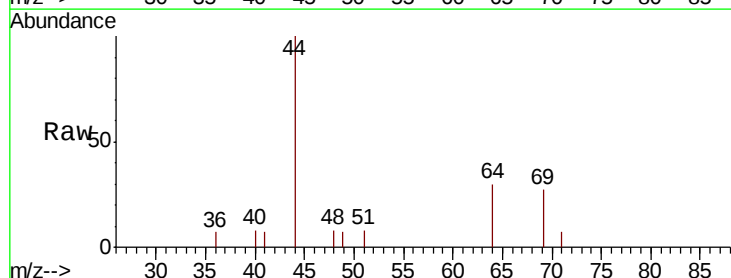
Acq: 03 Oct 2020 15:55

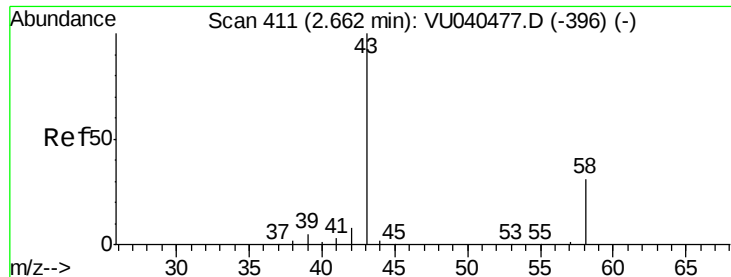
Tgt Ion: 64 Resp: 463

Ion Ratio Lower Upper

64 100

66 0.0 21.3 39.6#





#13

Acetone

Concen: 11.015 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.01 min

Lab File: VU040481.D

Acq: 03 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

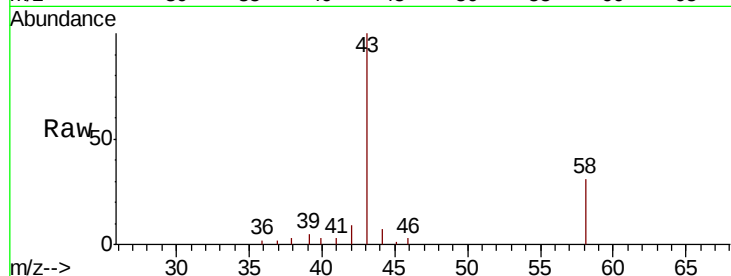
C0AT1

Tot Ion: 43 Resp: 29262

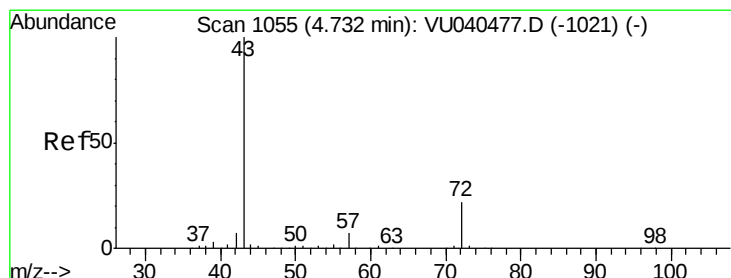
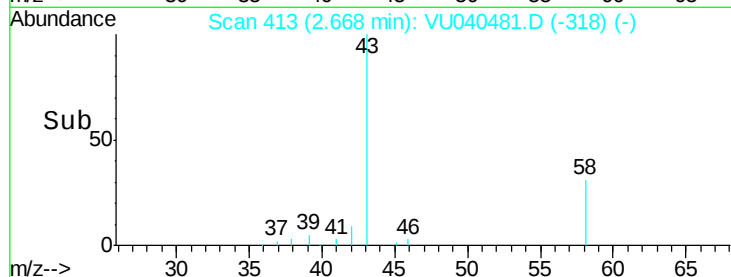
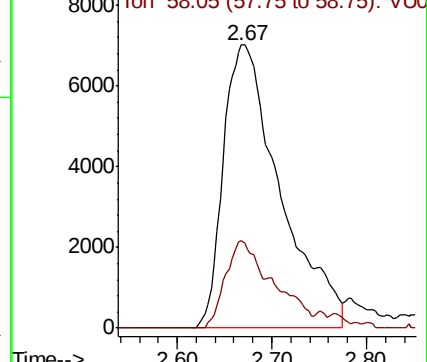
Ion Ratio Lower Upper

43 100

58 26.2 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040481.D (-318) (-)



#21

2-Butanone

Concen: 33.566 ug/L

RT: 4.83 min Scan# 1084

Delta R.T. 0.09 min

Lab File: VU040481.D

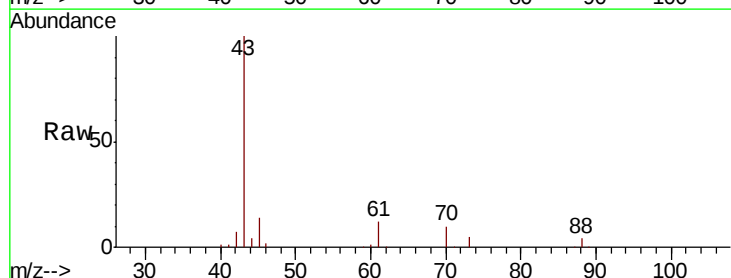
Acq: 03 Oct 2020 15:55

Tgt Ion: 43 Resp: 143133

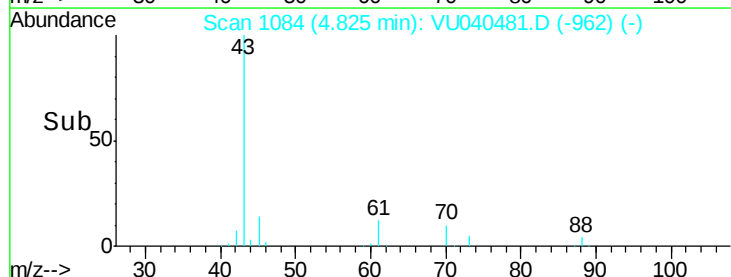
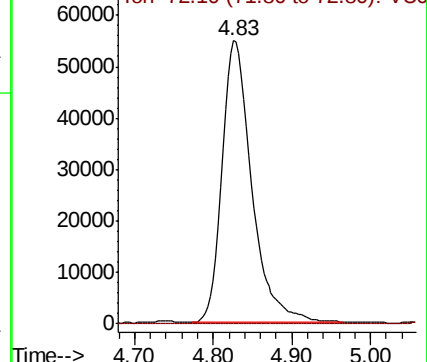
Ion Ratio Lower Upper

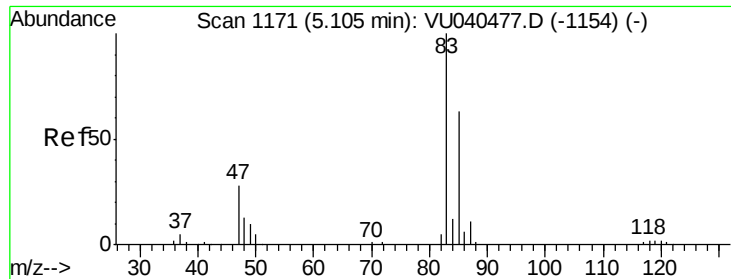
43 100

72 0.0 12.0 36.1#



Abundance Ion 43.05 (42.75 to 43.75): VU040481.D (-962) (-)

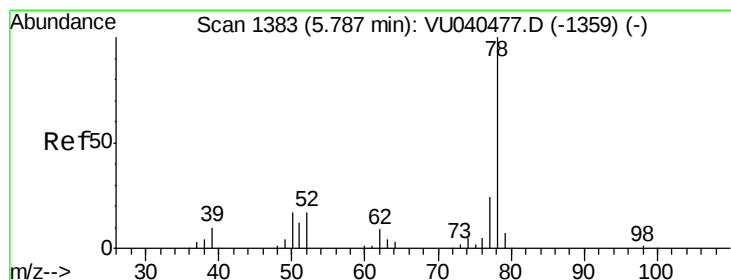
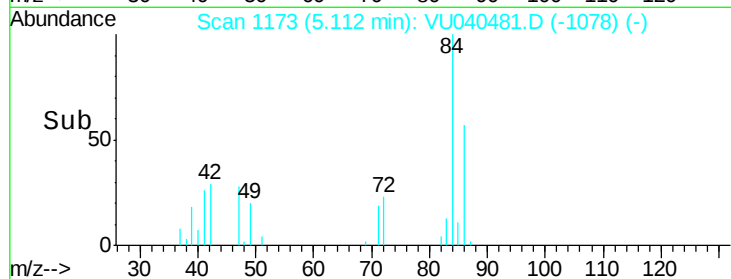
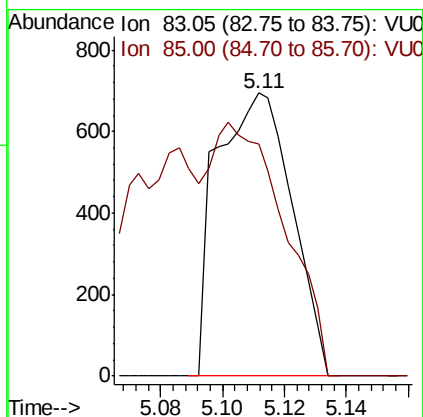
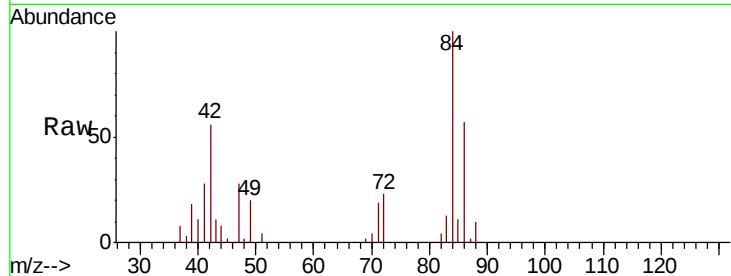




#25
Chloroform
Concen: 0.055 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040481.D
Acq: 03 Oct 2020 15:55

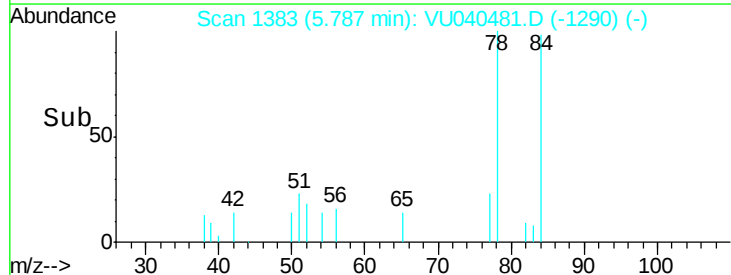
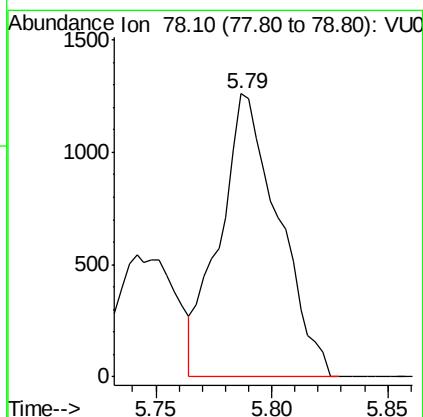
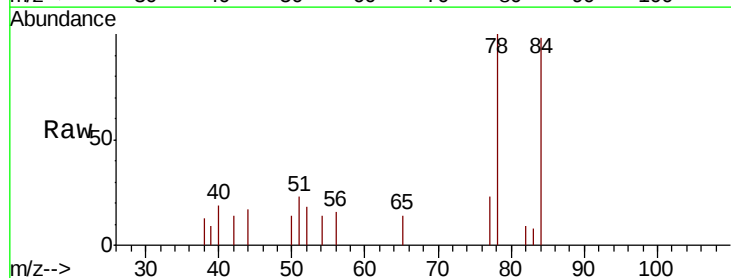
Instrument :
MSVOA_U
ClientSampleId :
C0AT1

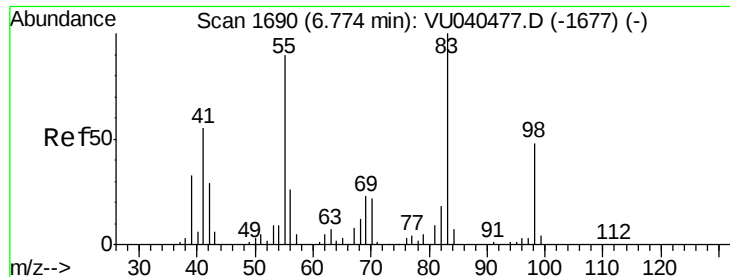
Tot Ion: 83 Resp: 1170
Ion Ratio Lower Upper
83 100
85 81.8 44.6 82.8



#33
Benzene
Concen: 0.051 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040481.D
Acq: 03 Oct 2020 15:55

Tgt Ion: 78 Resp: 2214

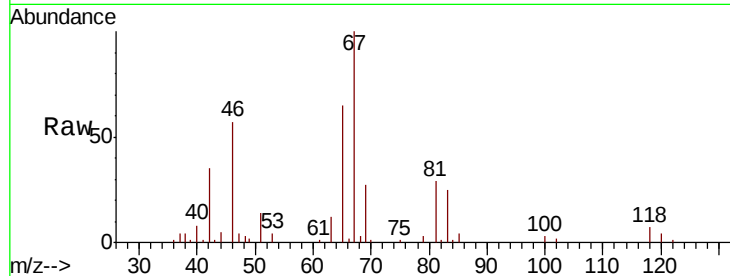




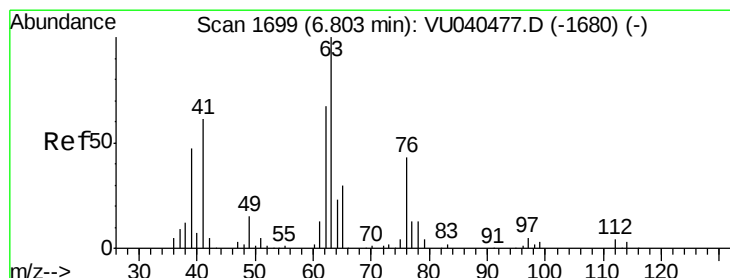
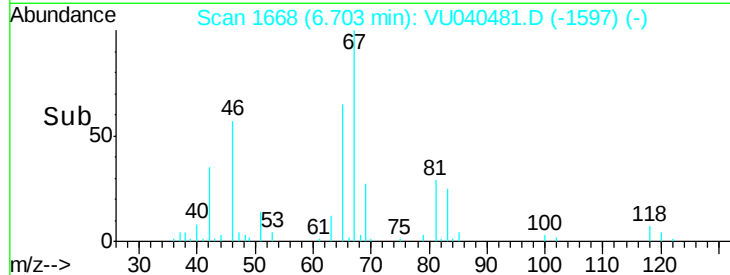
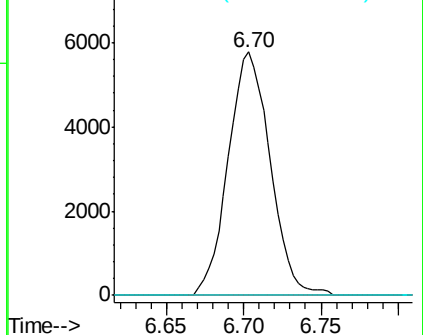
#35
Methvlcvclohexane
Concen: 0.651 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040481.D
Acq: 03 Oct 2020 15:55

Instrument :
MSVOA_U
ClientSampleId :
C0AT1

Tot Ion: 83 Resp: 10896
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 1.7 38.5 57.7#

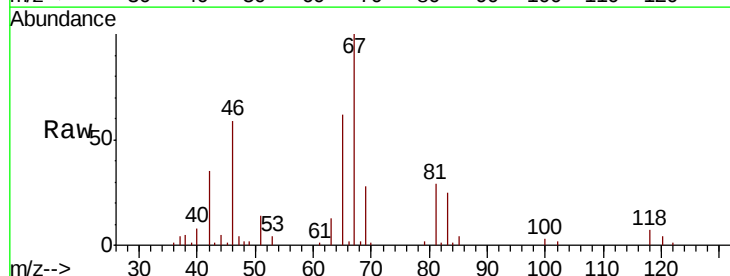


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

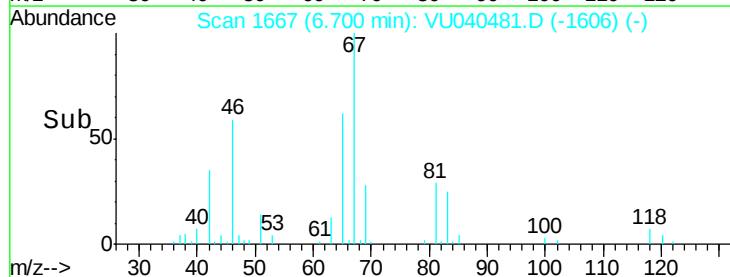
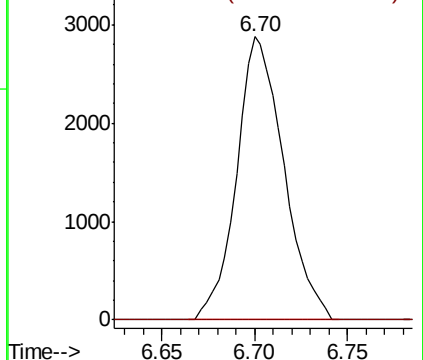


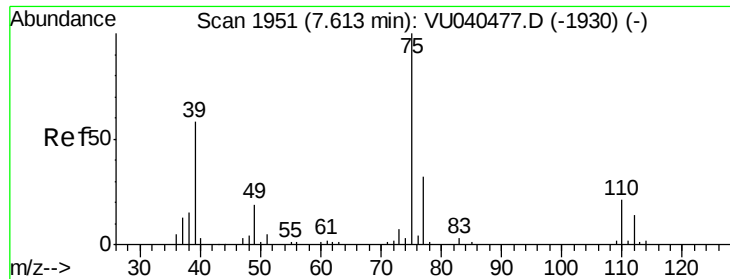
#37
1,2-Dichloropropane
Concen: 0.426 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040481.D
Acq: 03 Oct 2020 15:55

Tgt Ion: 63 Resp: 5096
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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

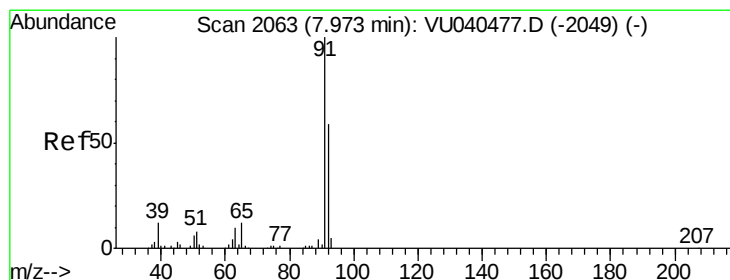
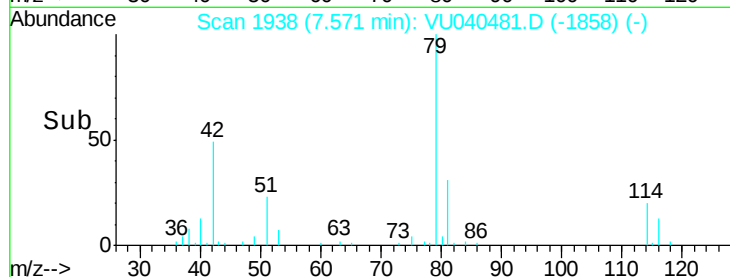
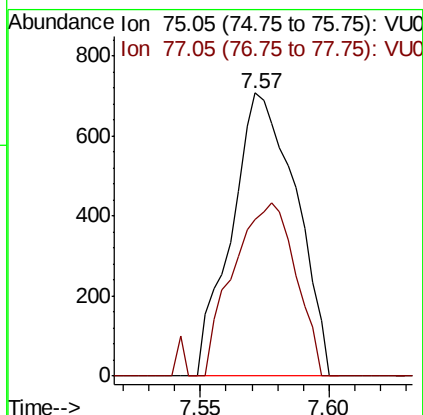
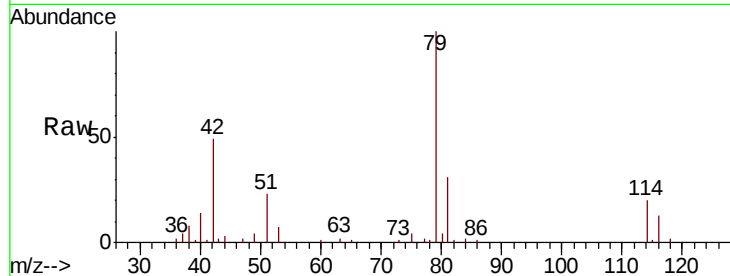




#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040481.D
 Acq: 03 Oct 2020 15:55

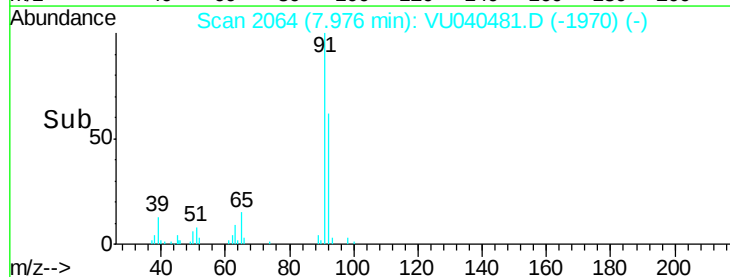
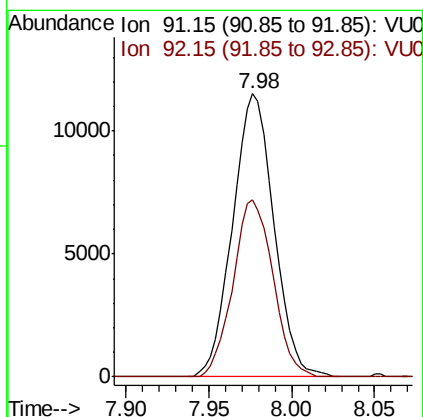
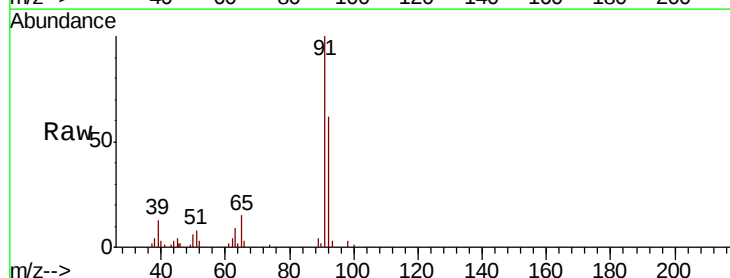
Instrument :
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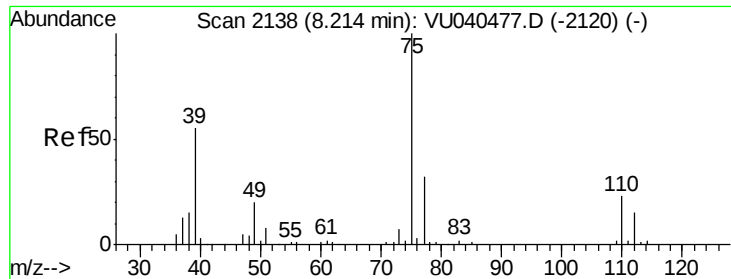
Tot Ion: 75 Resp: 1233
 Ion Ratio Lower Upper
 75 100
 77 55.4 23.5 43.7#



#42
 Toluene
 Concen: 0.451 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040481.D
 Acq: 03 Oct 2020 15:55

Tgt Ion: 91 Resp: 19888
 Ion Ratio Lower Upper
 91 100
 92 62.4 40.0 74.4





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040481.D

Acq: 03 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

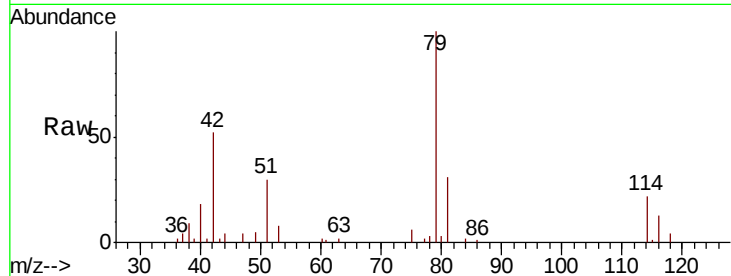
C0AT1

Tot Ion: 75 Resp: 900

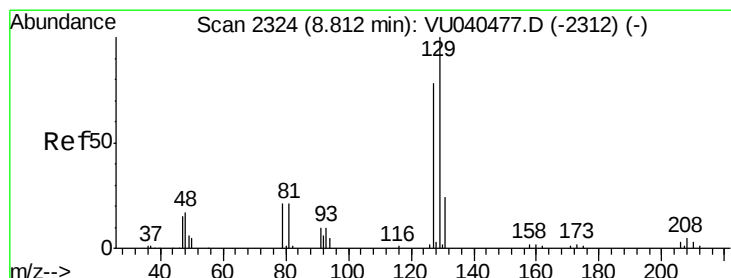
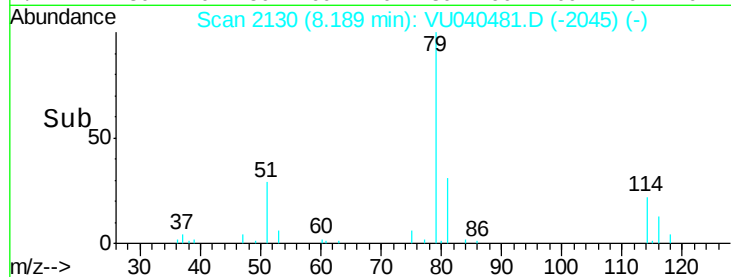
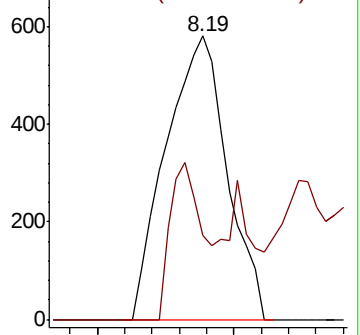
Ion Ratio Lower Upper

75 100

77 29.4 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU040481.D (-2045) (-)



#49

Dibromochloromethane

Concen: 0.055 ug/L

RT: 8.82 min Scan# 2326

Delta R.T. 0.01 min

Lab File: VU040481.D

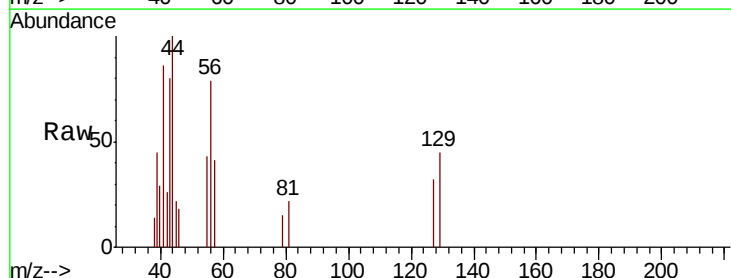
Acq: 03 Oct 2020 15:55

Tgt Ion: 129 Resp: 533

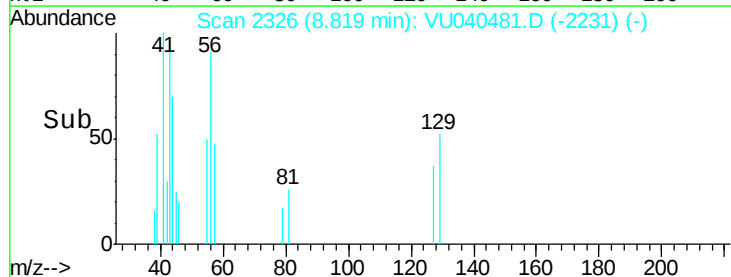
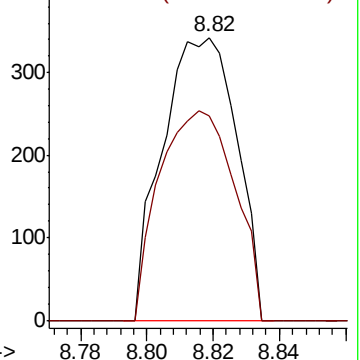
Ion Ratio Lower Upper

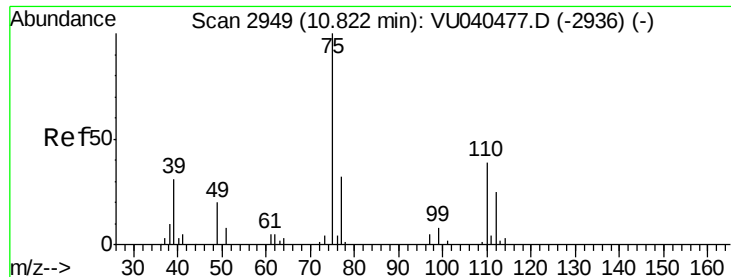
129 100

127 72.3 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): VU040481.D (-2231) (-)





#59

1,2,3-Trichloropropane

Concen: 0.982 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040481.D

Acq: 03 Oct 2020 15:55

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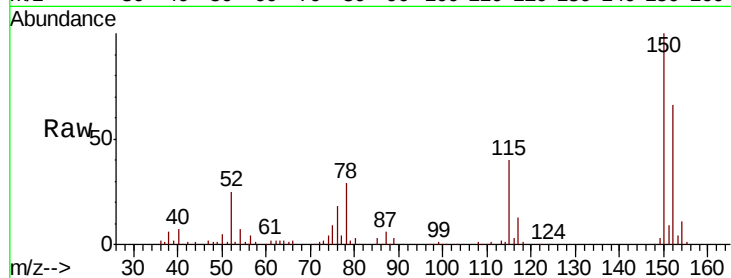
C0AT1

Tot Ion: 75 Resp: 8523

Ion Ratio Lower Upper

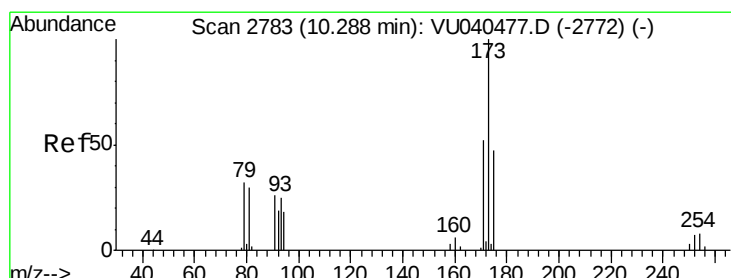
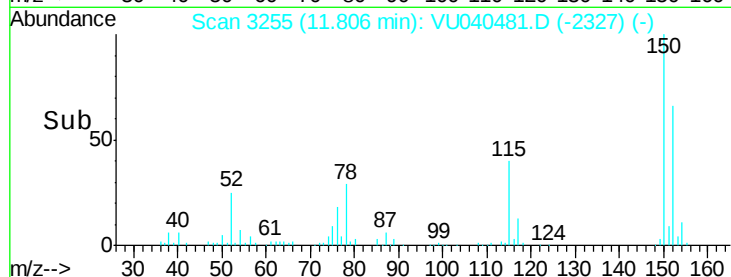
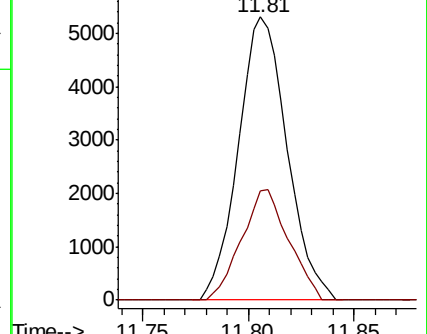
75 100

77 37.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU040477.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU040477.D (-2936) (-)



#61

Bromoform

Concen: 0.063 ug/L

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040481.D

Acq: 03 Oct 2020 15:55

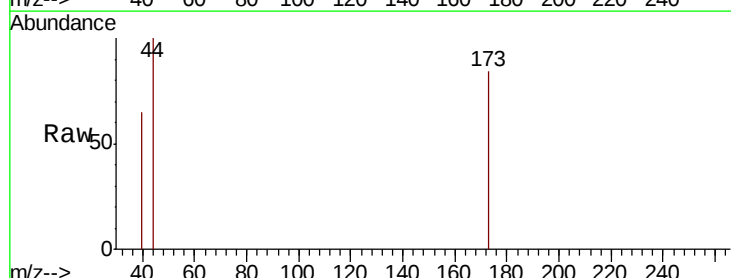
Tgt Ion: 173 Resp: 307

Ion Ratio Lower Upper

173 100

175 0.0 39.6 59.4#

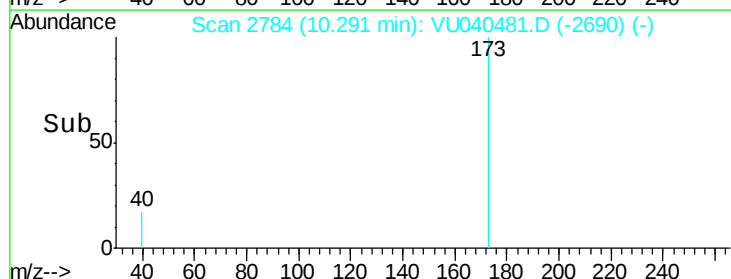
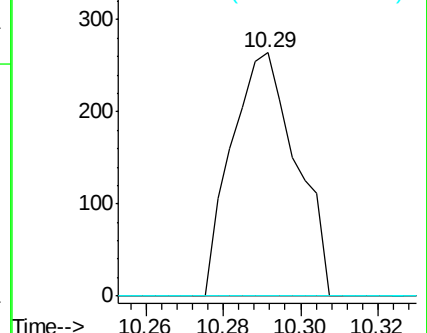
254 0.0 7.0 10.4#

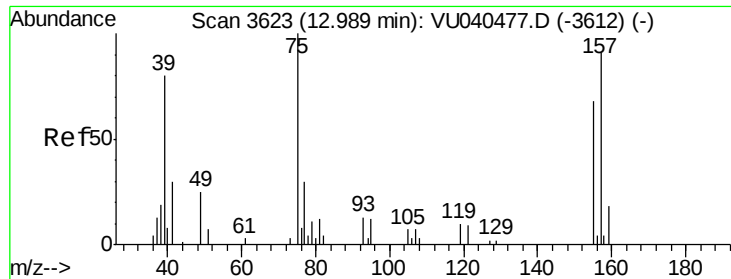


Abundance Ion 172.90 (172.60 to 173.60): VU040477.D (-2772) (-)

Ion 174.90 (174.60 to 175.60): VU040477.D (-2772) (-)

Ion 253.75 (253.45 to 254.45): VU040477.D (-2772) (-)





#66

1,2-Dibromo-3-chloropropane

Concen: 0.081 ug/L

RT: 13.20 min Scan# 3689

Delta R.T. 0.21 min

Lab File: VU040481.D

Acq: 03 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

C0AT1

Tot Ion: 75 Resp: 138

Ion Ratio Lower Upper

75 100

155 0.0 59.4 89.2#

157 0.0 65.0 97.4#

