

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040493.D
 Acq On : 03 Oct 2020 20:33
 Operator : SY/MD
 Sample : L4266-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB9

Quant Time: Oct 05 01:05:49 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	117979	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51237	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	30815	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.93	69	26707	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	50982	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.66	46	140924	48.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.14%
24) Chloroform-d	5.08	84	68979	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	43407	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	129786	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.70	67	44655	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.91	98	108241	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	8.19	79	17988	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.64	63	94418	44.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.64%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39434	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42608	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

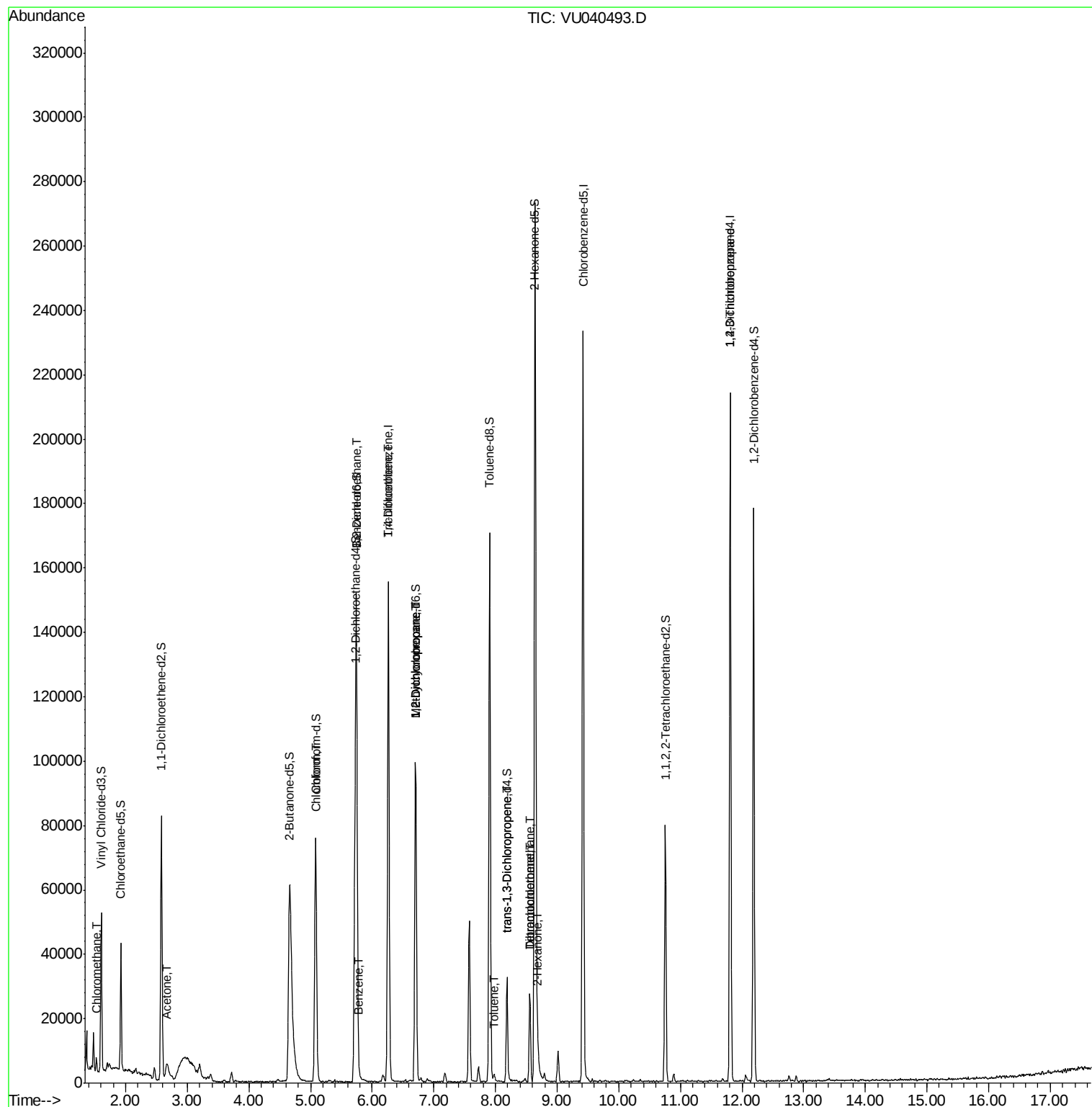
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	2944	0.254	ug/L	89
13) Acetone	2.67	43	10676	4.416	ug/L	71
25) Chloroform	5.10	83	1179	0.061	ug/L #	55
27) 1,2-Dichloroethane	5.74	62	782	0.058	ug/L #	74
33) Benzene	5.79	78	1412	0.035	ug/L	100
34) Trichloroethene	6.26	95	2231	0.210	ug/L #	8
35) Methylcyclohexane	6.70	83	10054	0.645	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5702	0.512	ug/L #	88
42) Toluene	7.98	91	1540	0.038	ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	719	0.052	ug/L #	75
47) Tetrachloroethene	8.56	164	5732	0.760	ug/L	95
48) 2-Hexanone	8.69	43	3025	0.470	ug/L #	44
49) Dibromochloromethane	8.56	129	5666	0.624	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	7346	0.910	ug/L	92

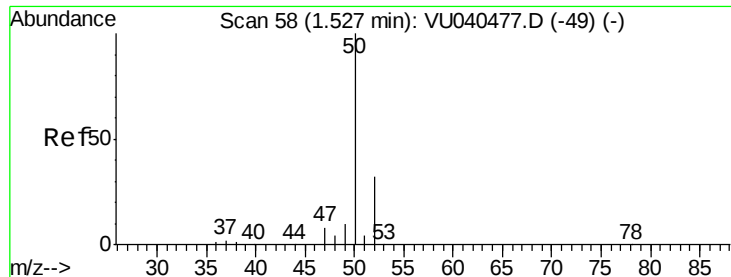
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040493.D
Acq On : 03 Oct 2020 20:33
Operator : SY/MD
Sample : L4266-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSB9

Quant Time: Oct 05 01:05:49 2020
Quant Method : Z:\V0ASRV\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





#3

Chloromethane

Concen: 0.254 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040493.D

Acq: 03 Oct 2020 20:33

Instrument :

MSVOA_U

ClientSampleId :

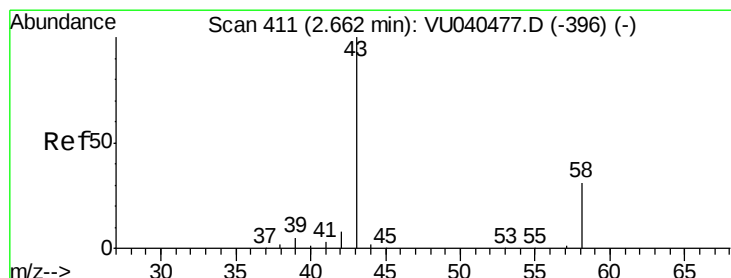
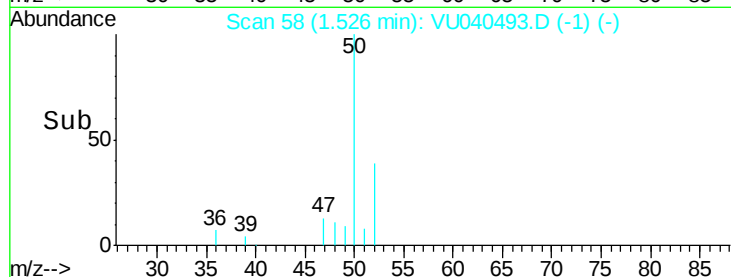
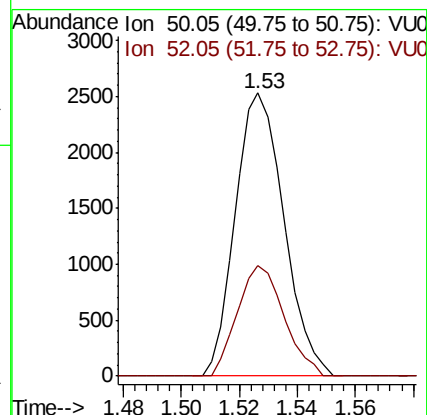
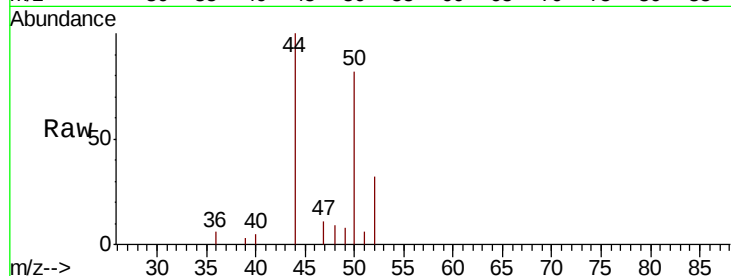
BFSB9

Tot Ion: 50 Resp: 2944

Ion Ratio Lower Upper

50 100

52 38.9 23.0 42.6



#13

Acetone

Concen: 4.416 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU040493.D

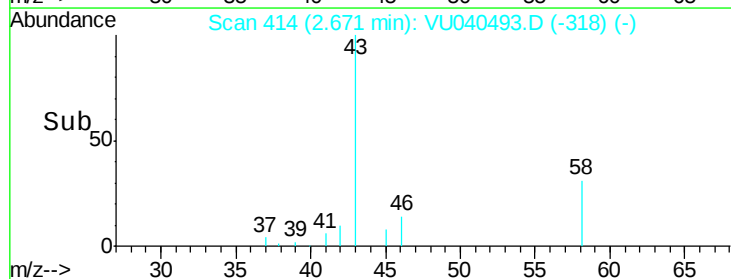
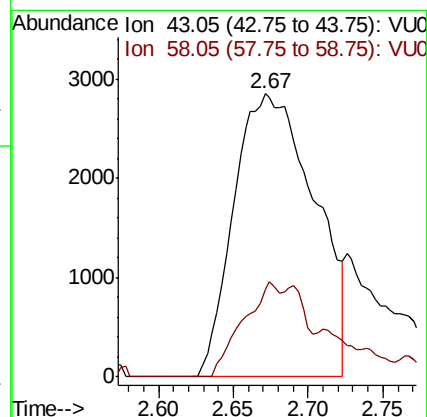
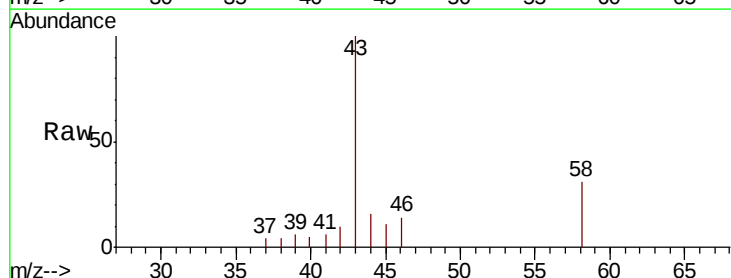
Acq: 03 Oct 2020 20:33

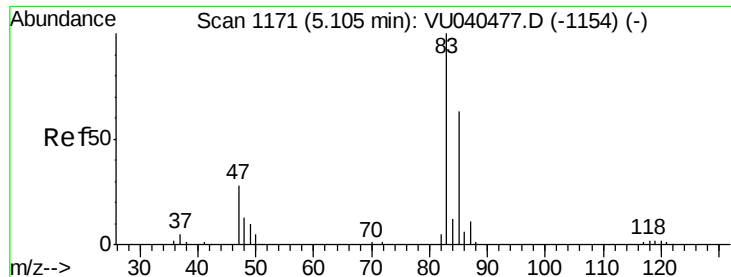
Tgt Ion: 43 Resp: 10676

Ion Ratio Lower Upper

43 100

58 15.0 0.0 61.8

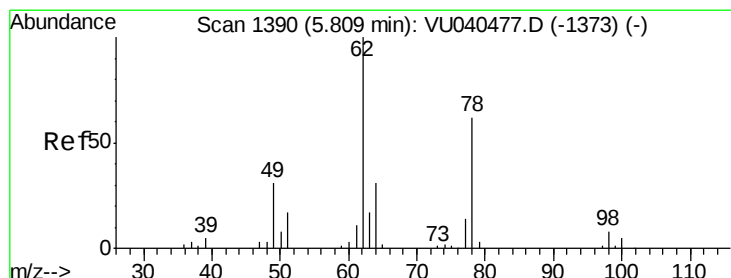
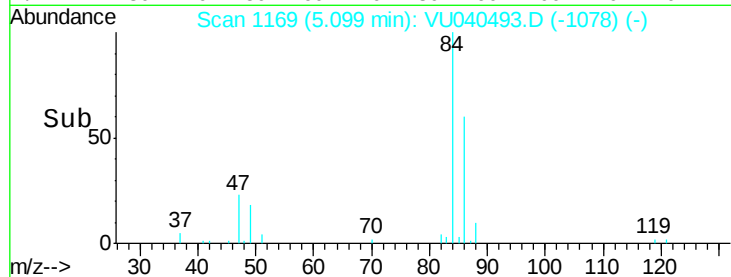
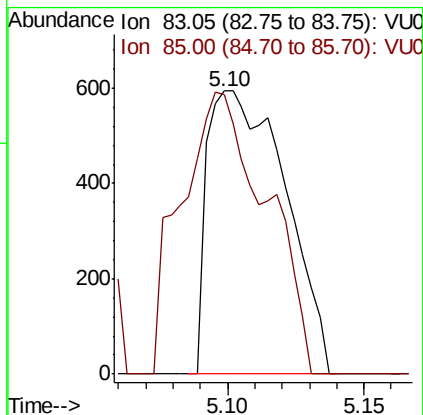
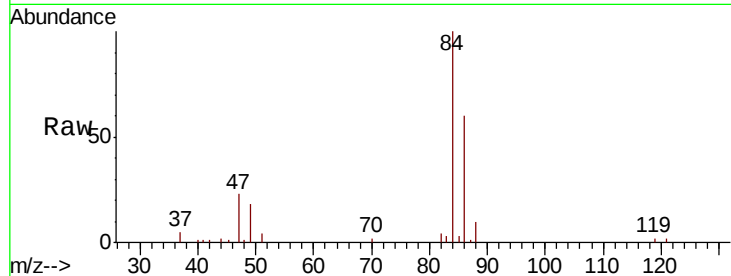




#25
Chloroform
Concen: 0.061 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU040493.D
Acq: 03 Oct 2020 20:33

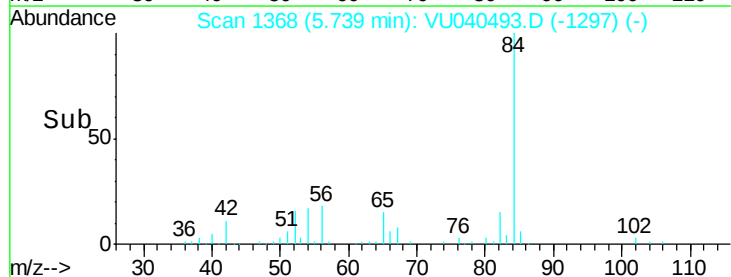
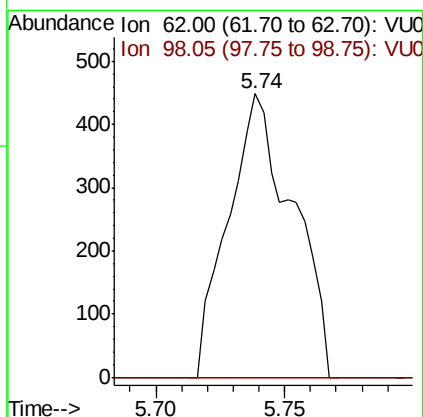
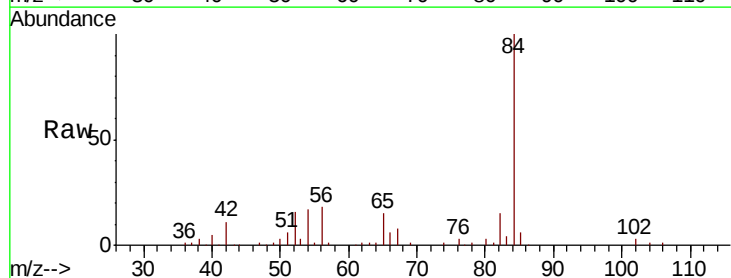
Instrument :
MSVOA_U
ClientSampleId :
BFSB9

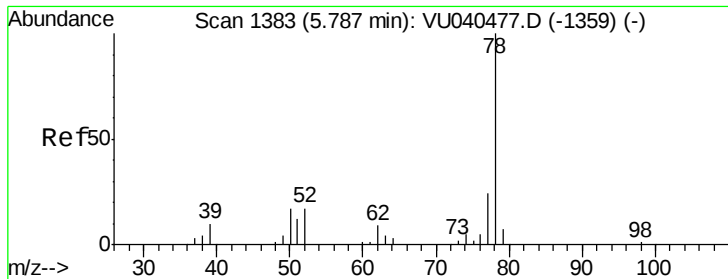
Tot Ion: 83 Resp: 1179
Ion Ratio Lower Upper
83 100
85 99.0 44.6 82.8#



#27
1,2-Dichloroethane
Concen: 0.058 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040493.D
Acq: 03 Oct 2020 20:33

Tgt Ion: 62 Resp: 782
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#





#33

Benzene

Concen: 0.035 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040493.D

Acq: 03 Oct 2020 20:33

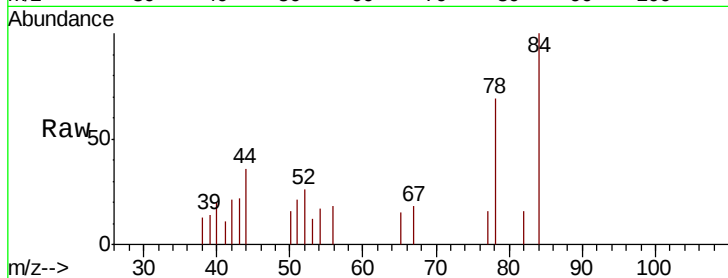
Instrument :

MSVOA_U

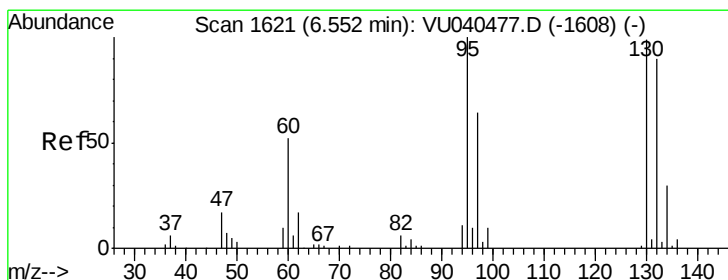
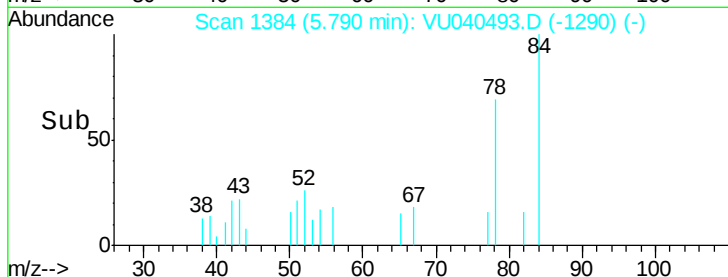
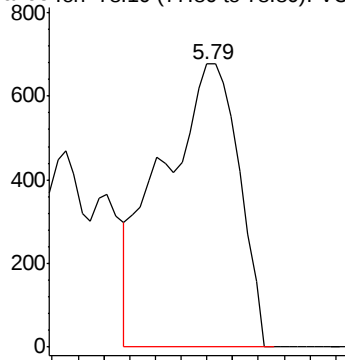
ClientSampleId :

BFSB9

Tgt Ion: 78 Resp: 1412



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.210 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU040493.D

Acq: 03 Oct 2020 20:33

Tgt Ion: 95 Resp: 2231

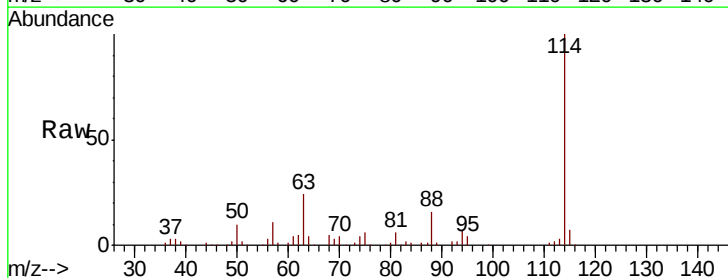
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 60.5 112.3#

130 0.0 64.3 119.3#

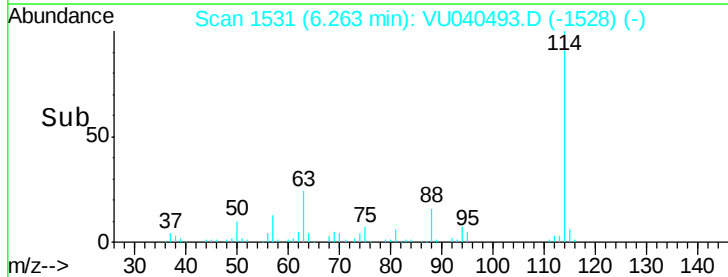
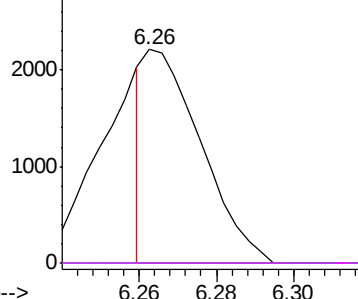


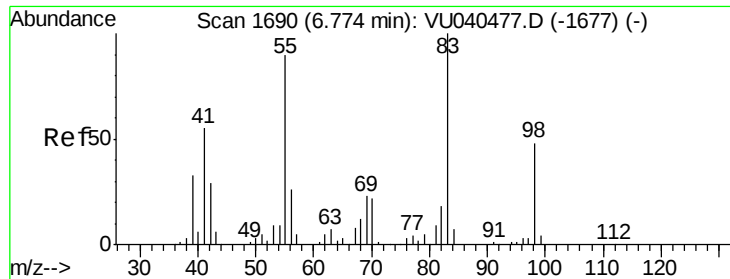
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

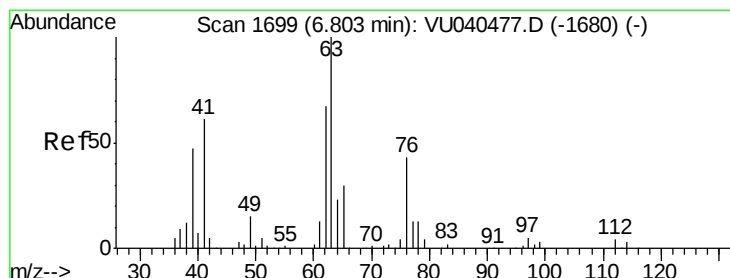
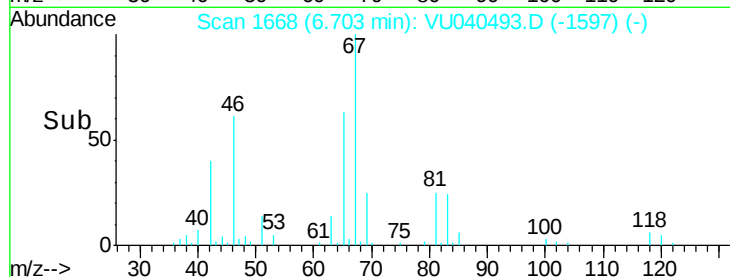
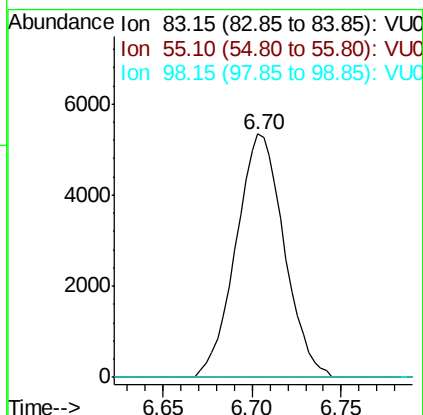
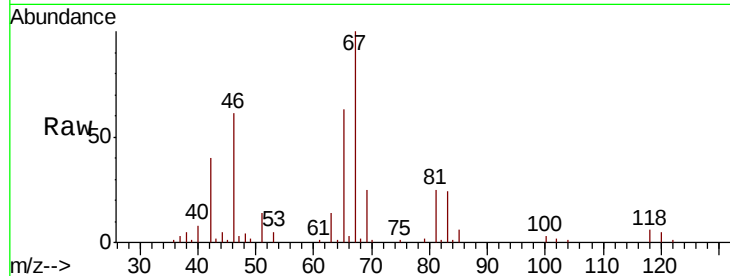




#35
Methvlcvclohexane
Concen: 0.645 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040493.D
Acq: 03 Oct 2020 20:33

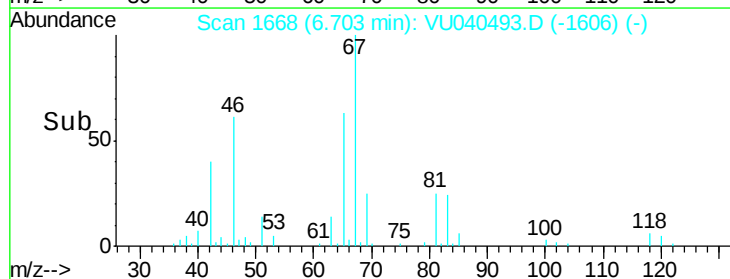
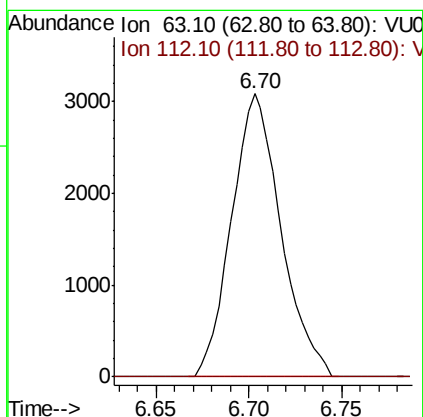
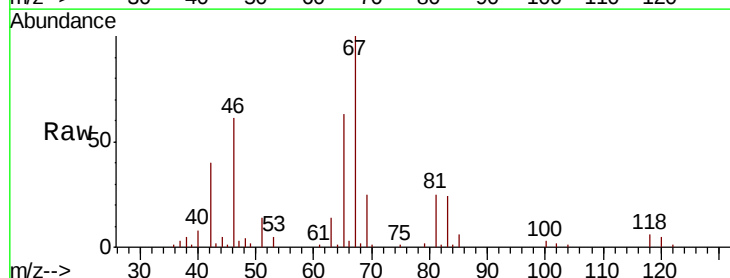
Instrument :
MSVOA_U
ClientSampleId :
BFSB9

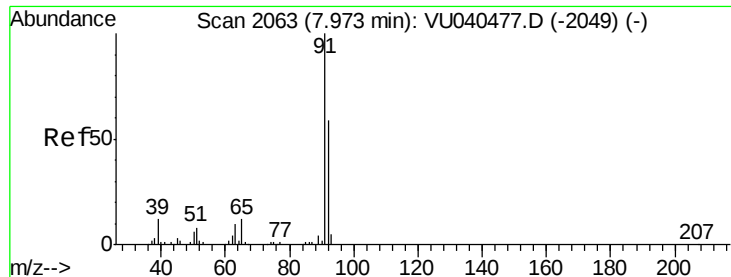
Tot Ion: 83 Resp: 10054
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.0 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040493.D
Acq: 03 Oct 2020 20:33

Tgt Ion: 63 Resp: 5702
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#42

Toluene

Concen: 0.038 ug/L

RT: 7.98 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VU040493.D

Acq: 03 Oct 2020 20:33

Instrument :

MSVOA_U

ClientSampled :

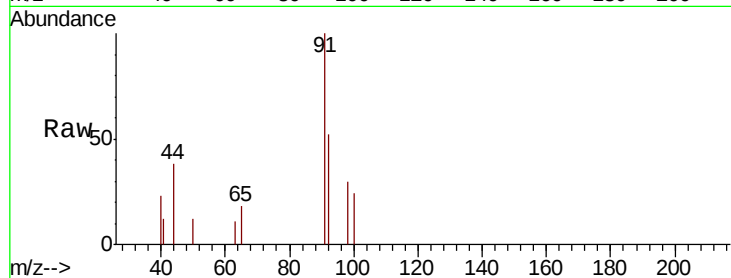
BFSB9

Tot Ion: 91 Resp: 1540

Ion Ratio Lower Upper

91 100

92 51.9 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.98

1000

800

600

400

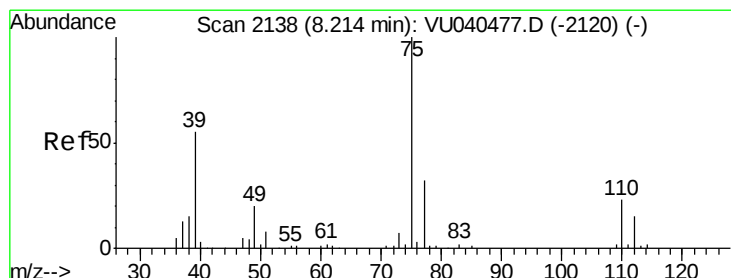
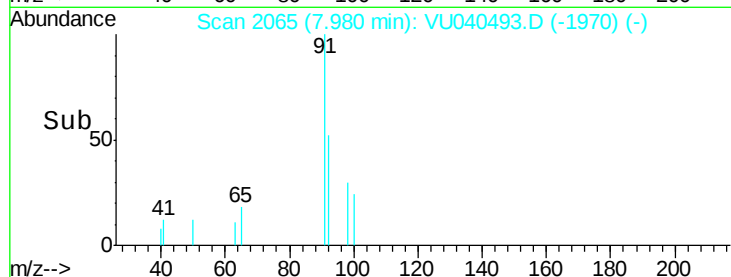
200

0

7.95

8.00

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.052 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040493.D

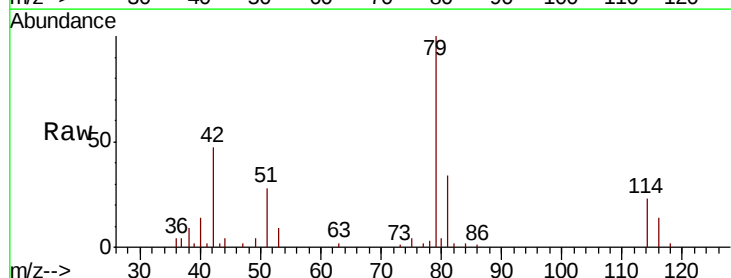
Acq: 03 Oct 2020 20:33

Tgt Ion: 75 Resp: 719

Ion Ratio Lower Upper

75 100

77 45.5 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

500

400

300

200

100

0

8.14

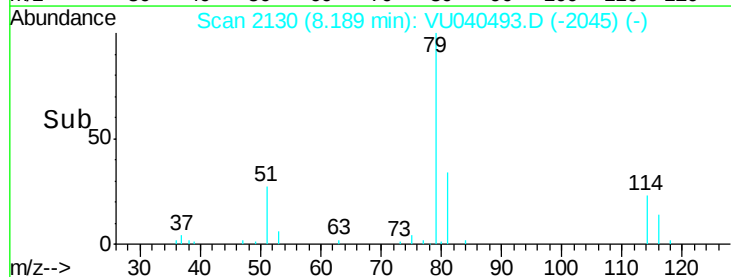
8.16

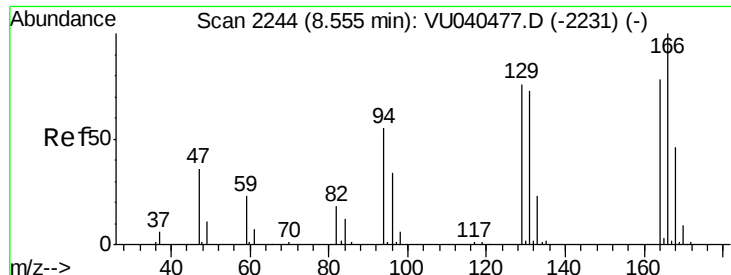
8.18

8.20

8.22

Time-->





#47

Tetrachloroethene

Concen: 0.760 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040493.D

Acq: 03 Oct 2020 20:33

Instrument :
MSVOA_U
ClientSampleId :
BFSB9

Tot Ion:164 Resp: 5732

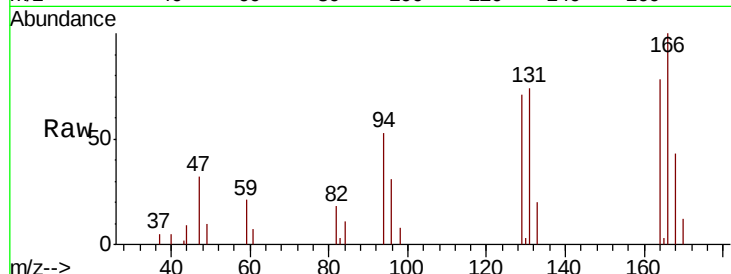
Ion Ratio Lower Upper

164 100

129 91.0 70.3 130.7

131 95.1 69.2 128.6

166 128.8 91.1 169.3

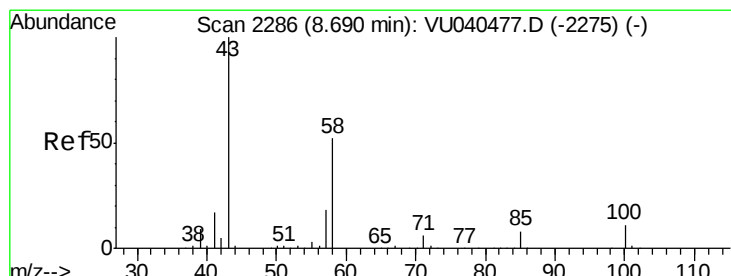
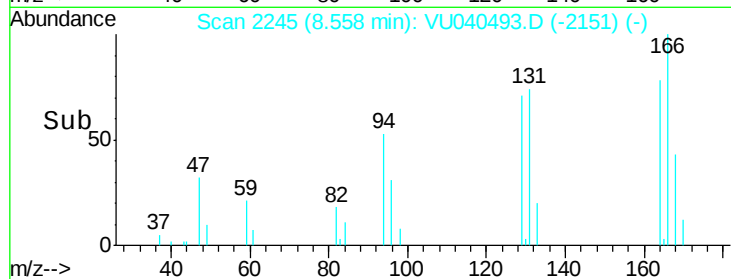
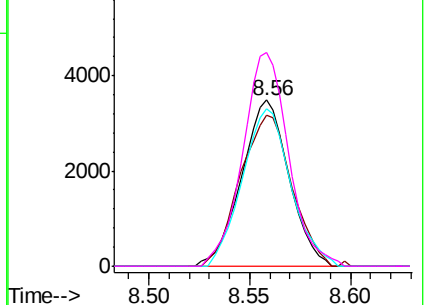


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 0.470 ug/L

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU040493.D

Acq: 03 Oct 2020 20:33

Tgt Ion: 43 Resp: 3025

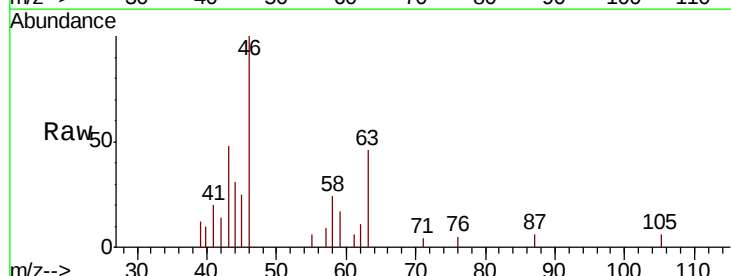
Ion Ratio Lower Upper

43 100

58 0.0 41.0 61.4#

57 6.2 14.6 22.0#

100 2.4 8.2 12.4#

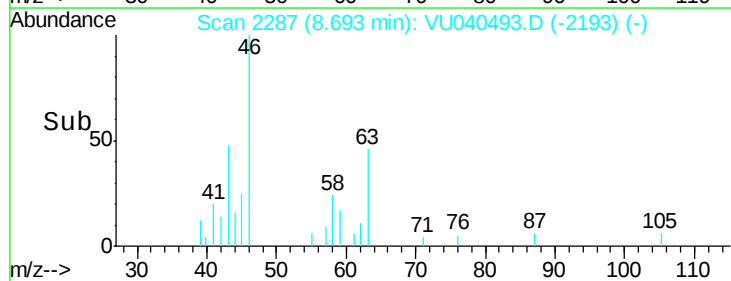
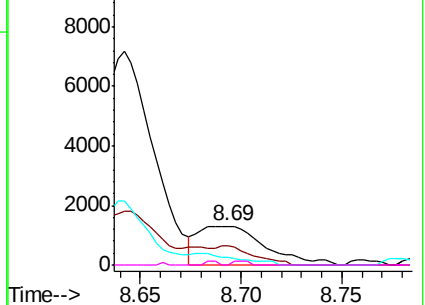


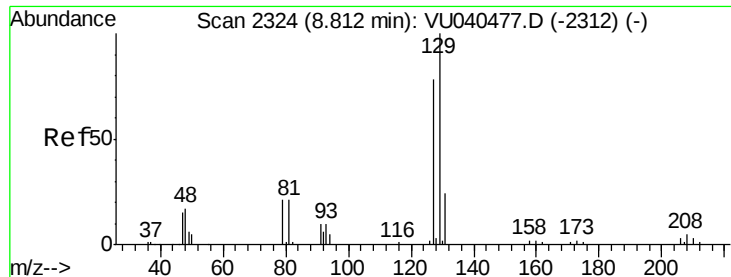
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 0.624 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU040493.D

Acq: 03 Oct 2020 20:33

Instrument :

MSVOA_U

ClientSampleId :

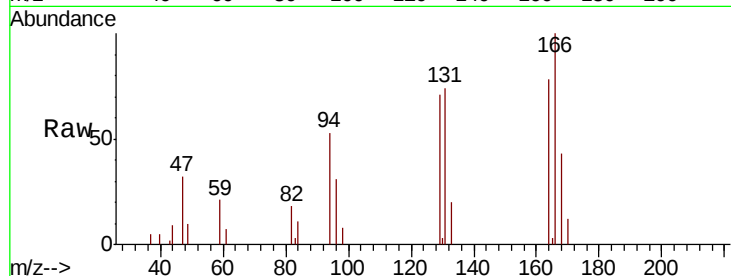
BFSB9

Tot Ion:129 Resp: 5666

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

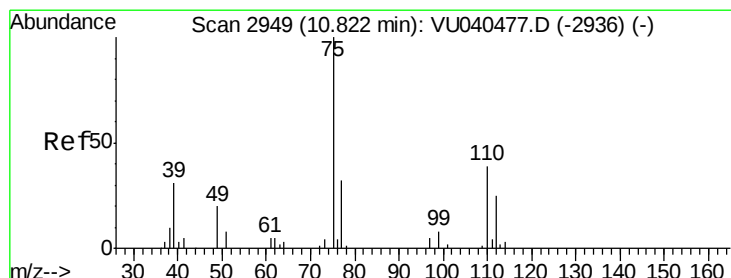
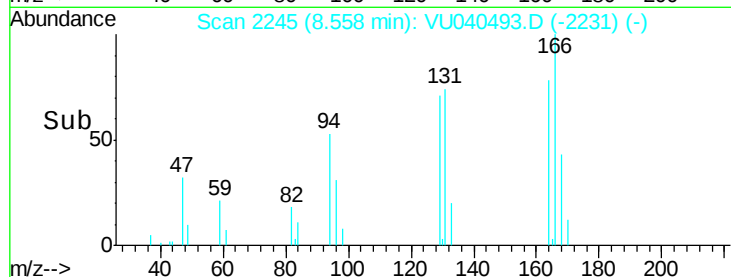
3000

2000

1000

0

Time--> 8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 0.910 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040493.D

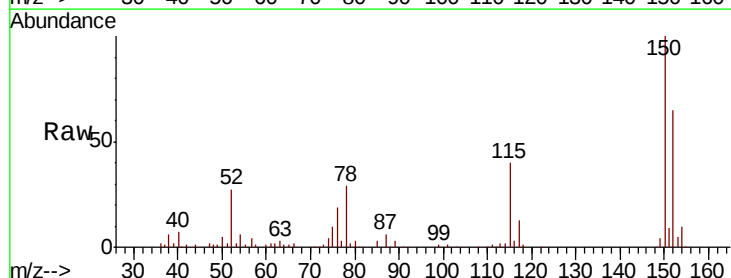
Acq: 03 Oct 2020 20:33

Tgt Ion: 75 Resp: 7346

Ion Ratio Lower Upper

75 100

77 36.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

5000

4000

3000

2000

1000

0

Time--> 11.75 11.80 11.85

