

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040653.D
 Acq On : 12 Oct 2020 12:42
 Operator : SY/MD
 Sample : L4345-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQX5

Quant Time: Oct 13 04:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132756	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41150	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.93	69	35558	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.58	63	65068	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	166571	47.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	5.08	84	84916	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	53604	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.74	84	156772	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.70	67	53390	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.91	98	126253	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.19	79	21293	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.64	63	114216	43.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45770	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	49221	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	722	0.064	ug/L 86
8) Chloroethane	2.15	64	265	0.035	ug/L 95
9) Trichlorofluoromethane	2.15	101	581	0.034	ug/L # 75
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	565	0.051	ug/L # 20
13) Acetone	2.67	43	81496	29.867	ug/L 96
15) Methyl Acetate	2.97	43	1426	0.229	ug/L # 56
25) Chloroform	5.11	83	13322	0.636	ug/L 96
27) 1,2-Dichloroethane	5.74	62	991	0.067	ug/L # 77
33) Benzene	5.74	78	1491	0.035	ug/L 100
34) Trichloroethene	6.56	95	28397	2.553	ug/L 95
35) Methylcyclohexane	6.70	83	12792	0.811	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	6526	0.546	ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1727	0.106	ug/L # 59
44) trans-1,3-Dichloropropene	8.19	75	981	0.065	ug/L 84
59) 1,2,3-Trichloropropane	11.81	75	7759	0.883	ug/L 96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 13 04:32:46 2020
Response via : Initial Calibration

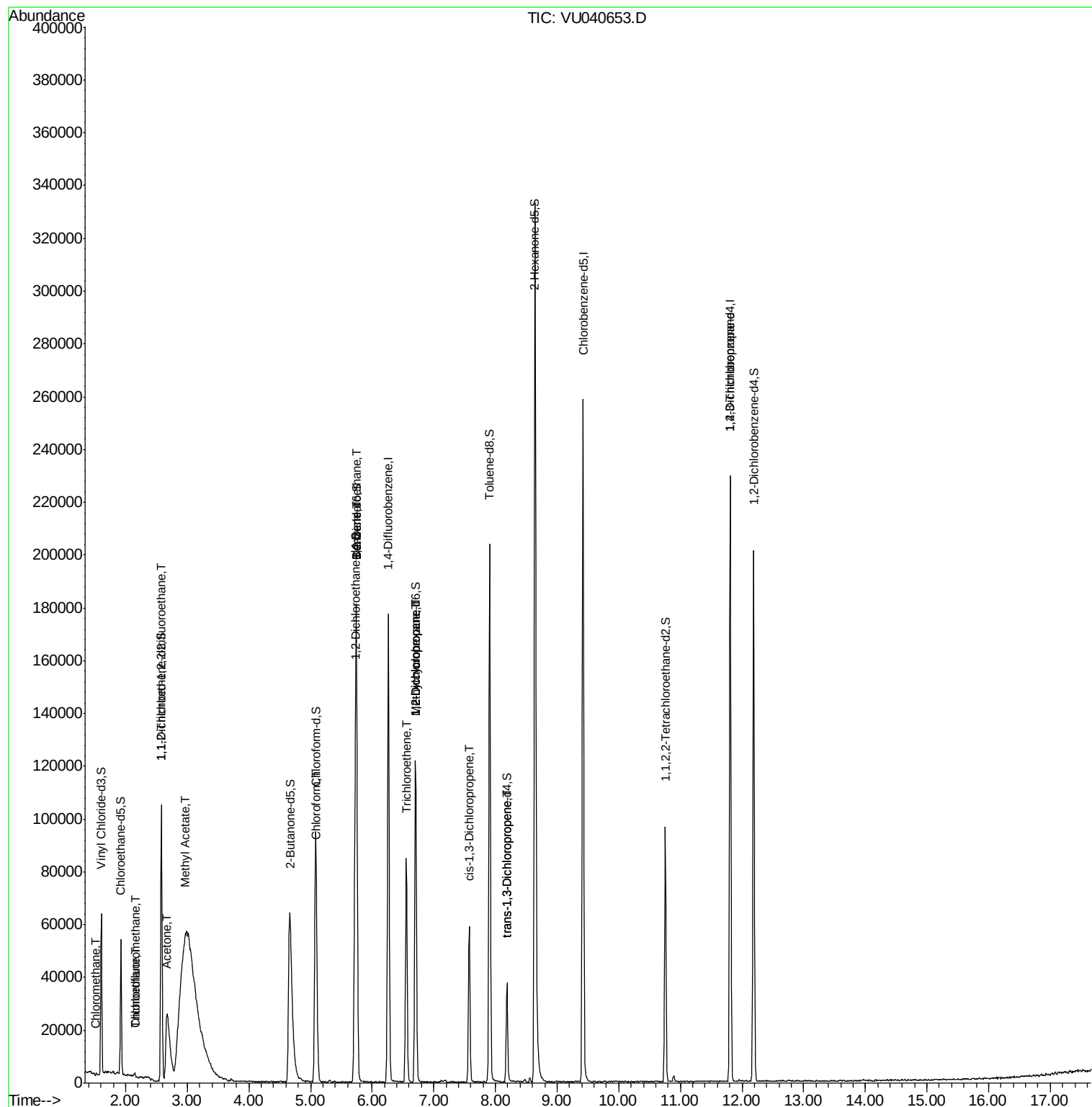
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

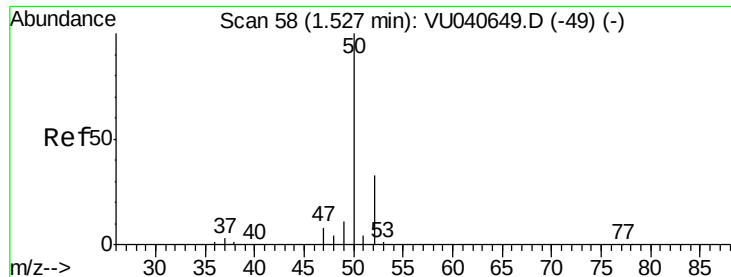
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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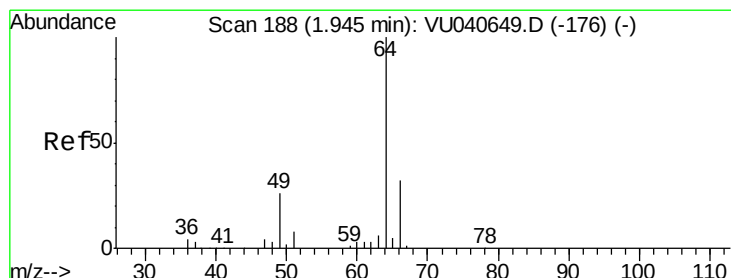
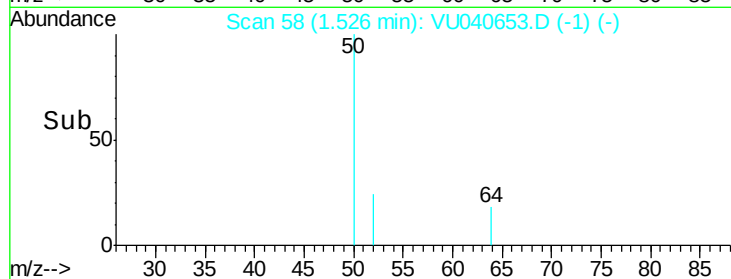
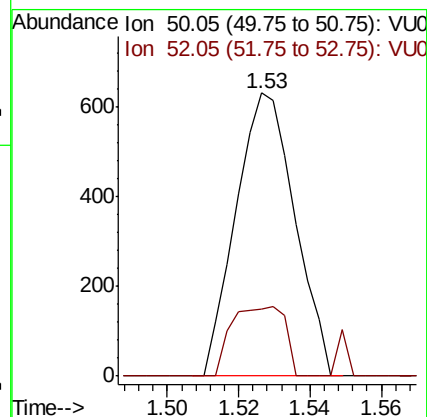
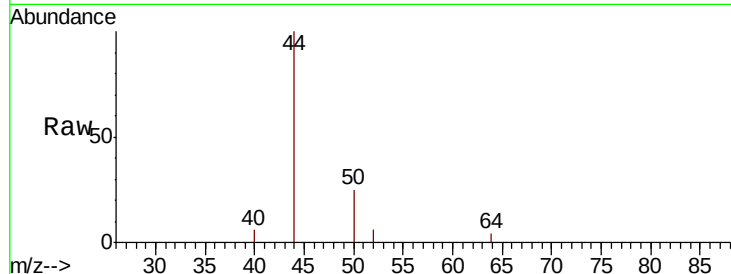




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040653.D
Acq: 12 Oct 2020 12:42

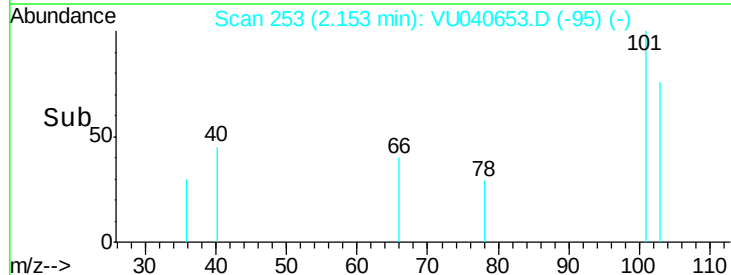
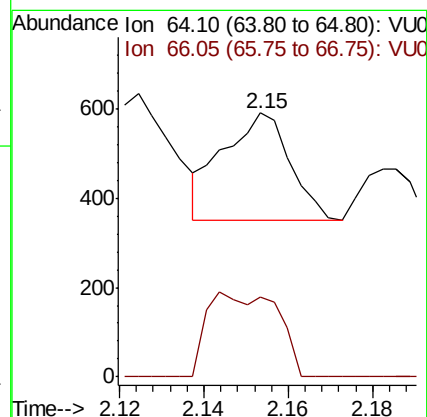
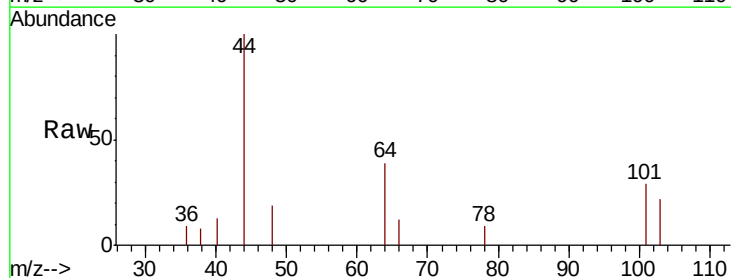
Instrument :
MSVOA_U
ClientSampleId :
YAQX5

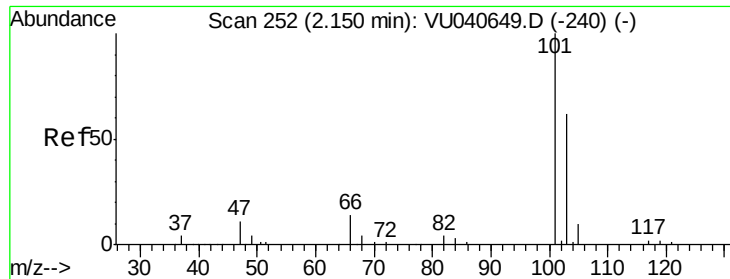
Tot Ion: 50 Resp: 722
Ion Ratio Lower Upper
50 100
52 23.7 21.9 40.7



#8
Chloroethane
Concen: 0.035 ug/L
RT: 2.15 min Scan# 253
Delta R.T. 0.21 min
Lab File: VU040653.D
Acq: 12 Oct 2020 12:42

Tgt Ion: 64 Resp: 265
Ion Ratio Lower Upper
64 100
66 30.3 23.3 43.3



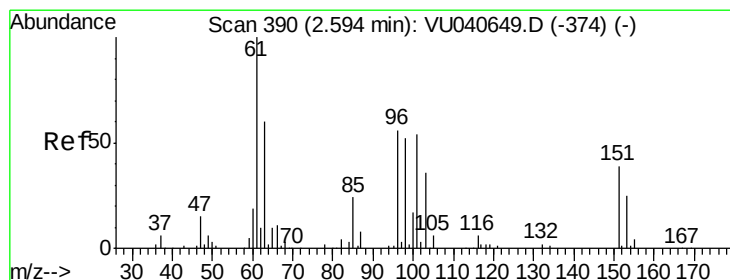
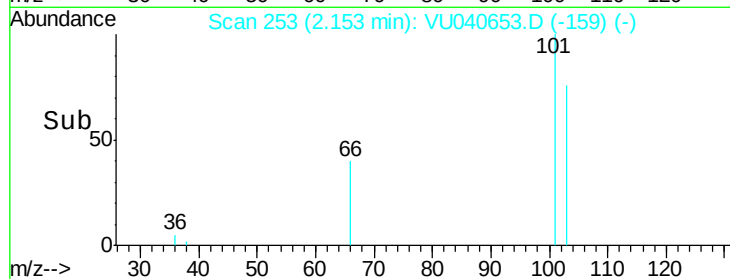
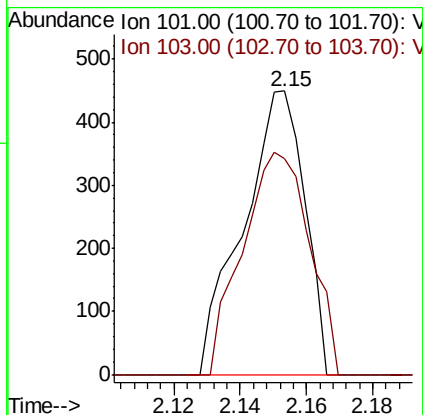
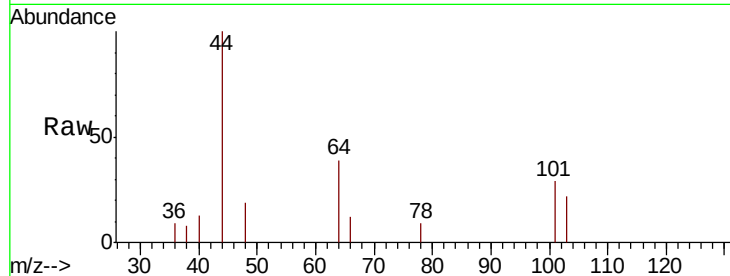


#9

Trichlorofluoromethane
 Concen: 0.034 ug/L
 RT: 2.15 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU040653.D
 Acq: 12 Oct 2020 12:42

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQX5

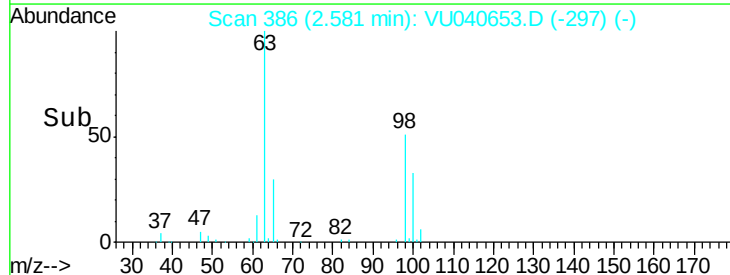
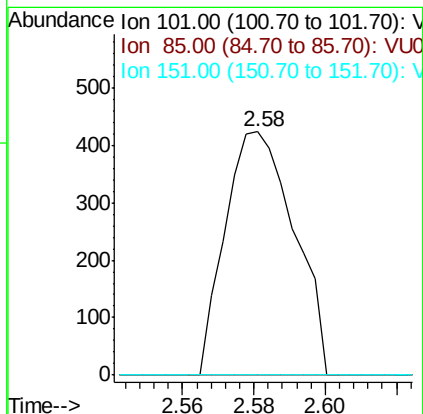
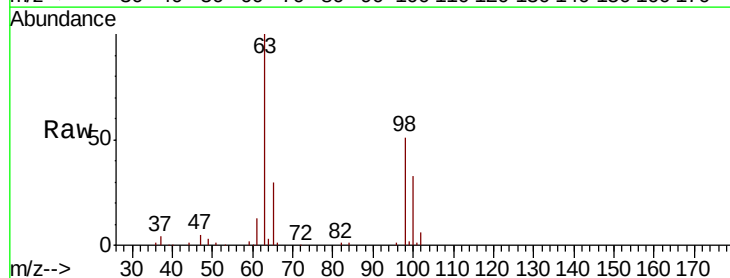
Tot Ion:101 Resp: 581
 Ion Ratio Lower Upper
 101 100
 103 85.0 52.2 78.4#

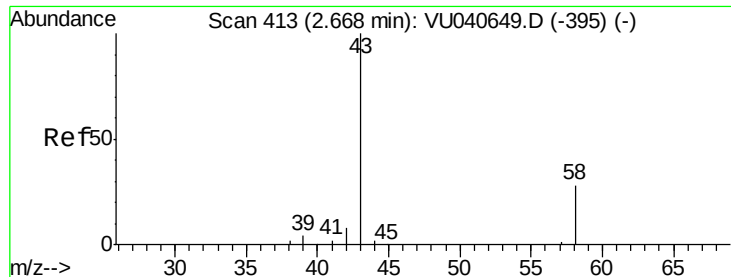


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU040653.D
 Acq: 12 Oct 2020 12:42

Tgt Ion:101 Resp: 565
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.7 55.1#
 151 0.0 58.0 87.0#





#13

Acetone

Concen: 29.867 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU040653.D

Acq: 12 Oct 2020 12:42

Instrument :

MSVOA_U

ClientSampleId :

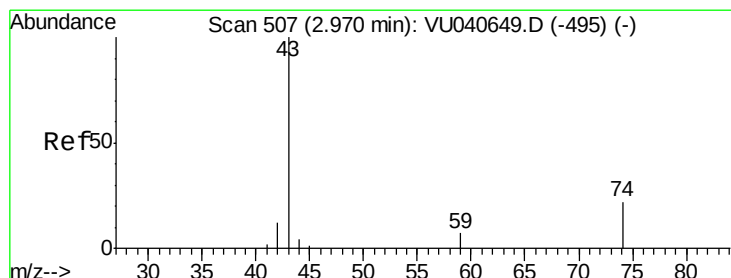
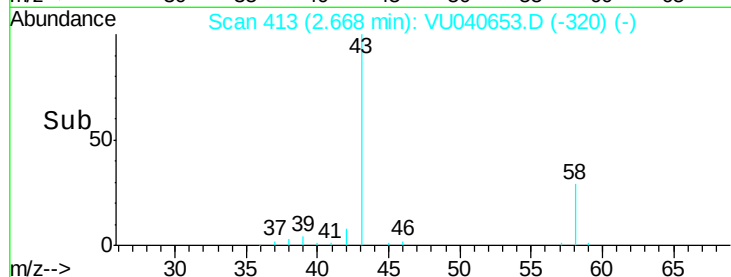
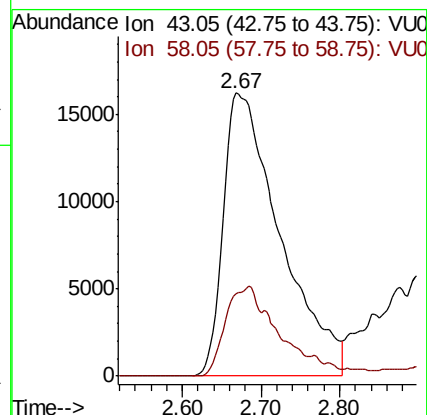
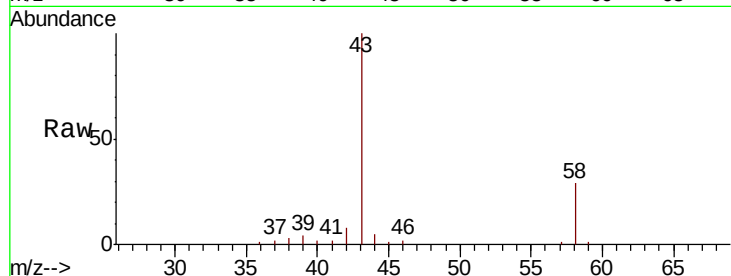
YAX5

Tot Ion: 43 Resp: 81496

Ion Ratio Lower Upper

43 100

58 27.9 0.0 60.6



#15

Methyl Acetate

Concen: 0.229 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: VU040653.D

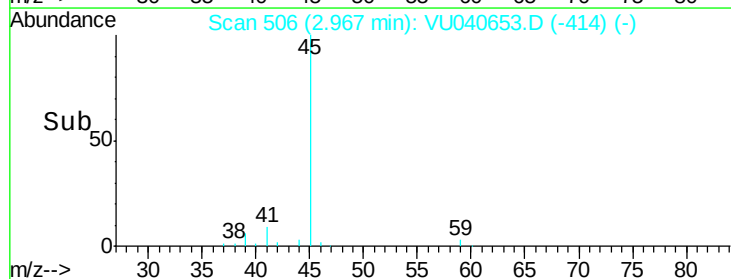
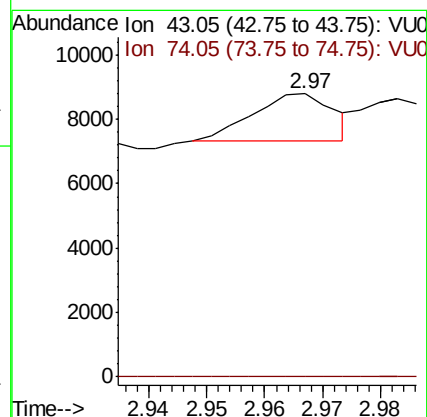
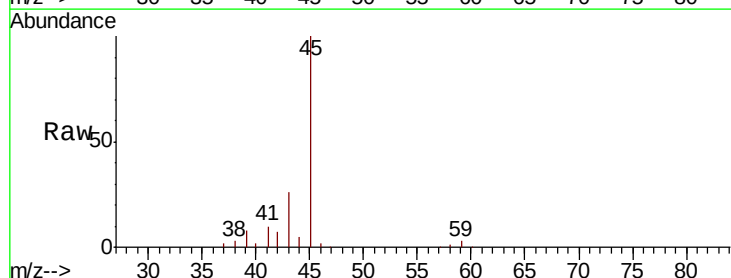
Acq: 12 Oct 2020 12:42

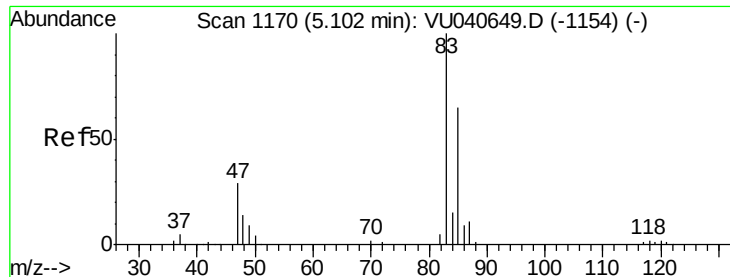
Tgt Ion: 43 Resp: 1426

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#

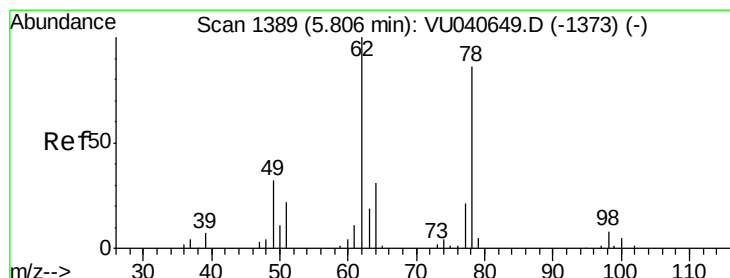
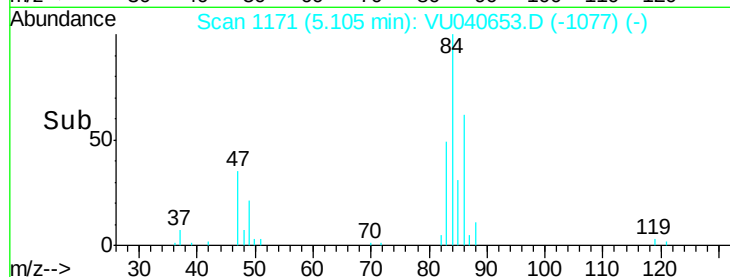
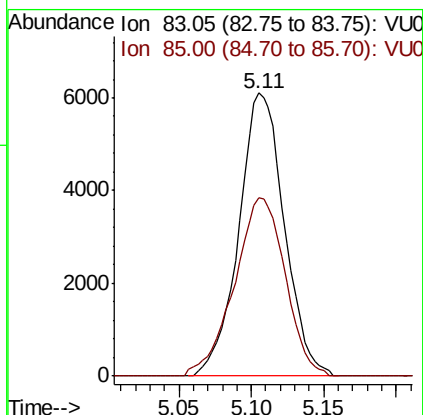
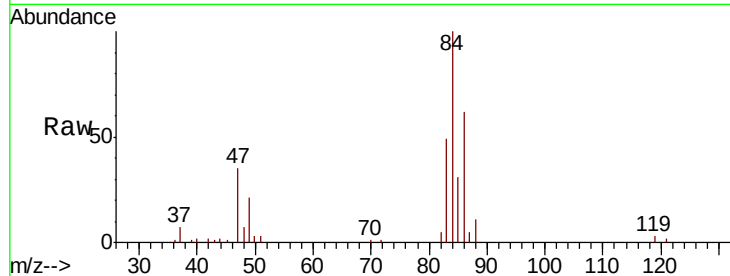




#25
Chloroform
Concen: 0.636 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040653.D
Acq: 12 Oct 2020 12:42

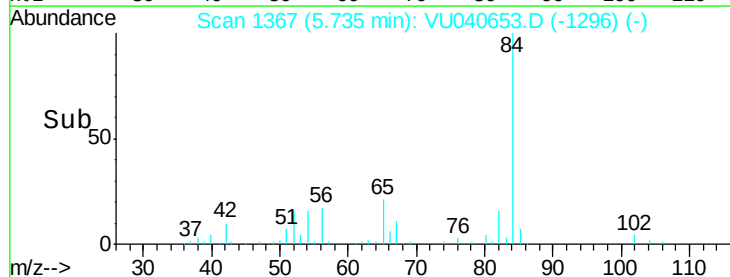
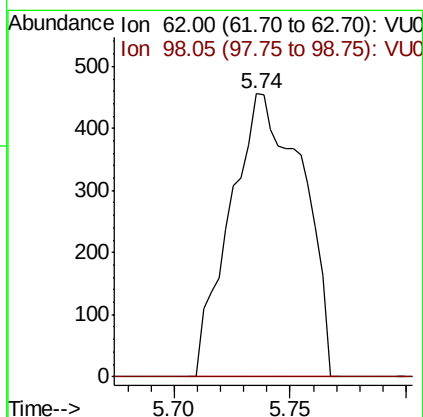
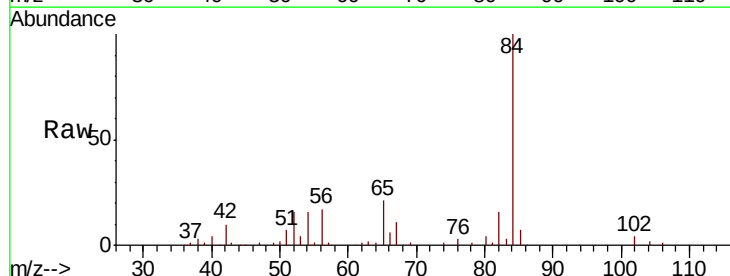
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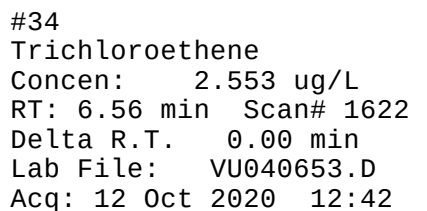
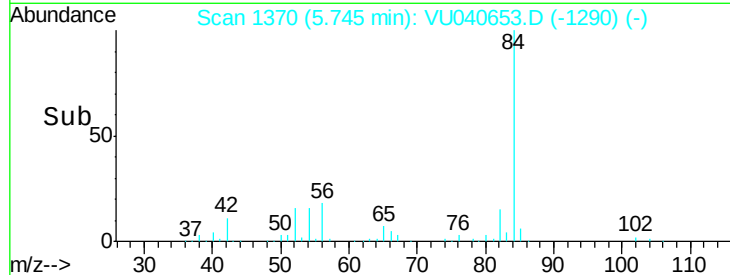
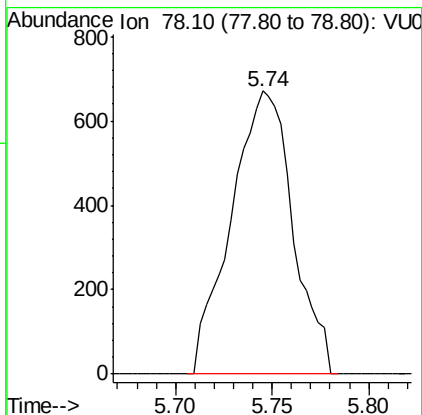
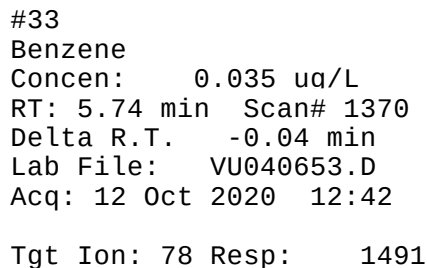
Tot Ion: 83 Resp: 13322
Ion Ratio Lower Upper
83 100
85 63.1 46.5 86.5



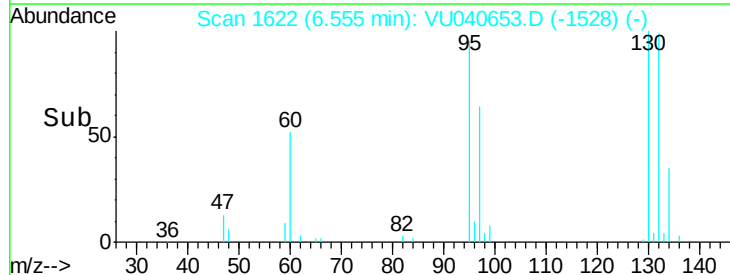
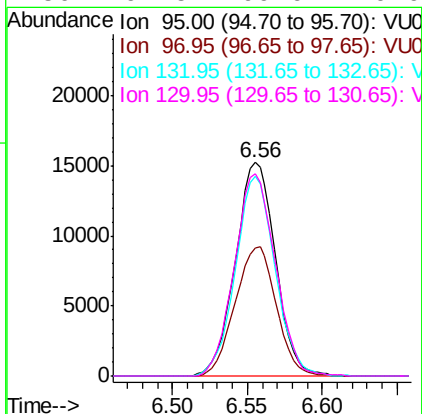
#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.74 min Scan# 1367
Delta R.T. -0.07 min
Lab File: VU040653.D
Acq: 12 Oct 2020 12:42

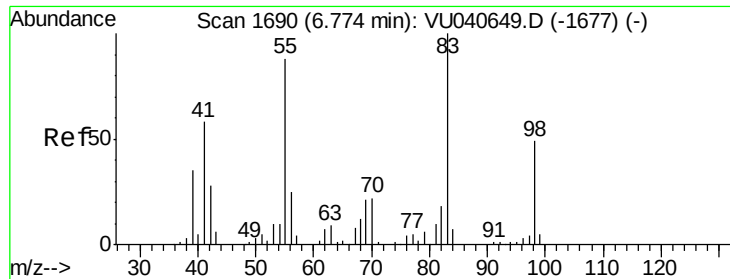
Tgt Ion: 62 Resp: 991
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





Tgt	Ion: 95	Resp:	28397
Ion	Ratio	Lower	Upper
95	100		
97	60.2	45.5	84.5
132	93.6	67.5	125.4
130	94.5	69.9	129.9

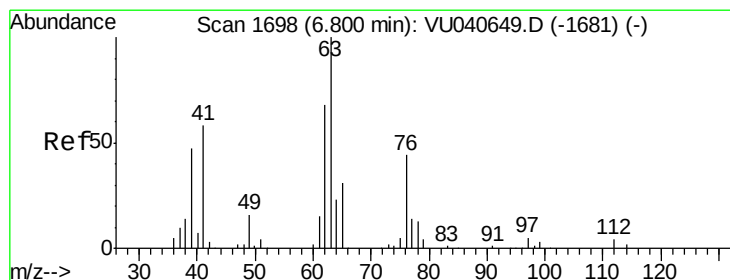
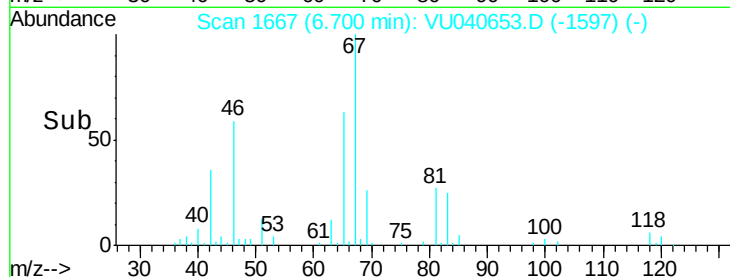
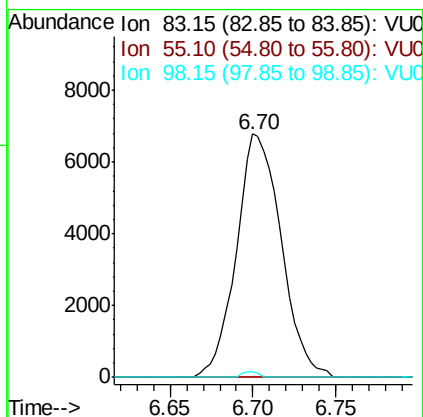
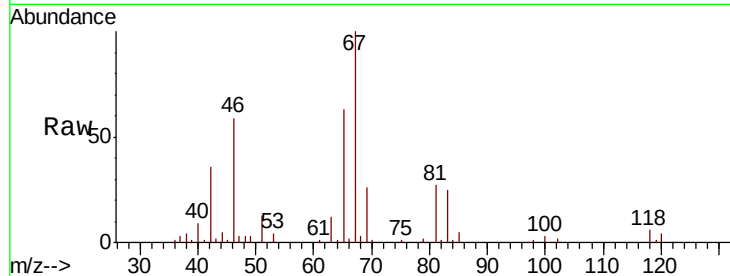




#35
Methylvlcyclohexane
Concen: 0.811 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040653.D
Acq: 12 Oct 2020 12:42

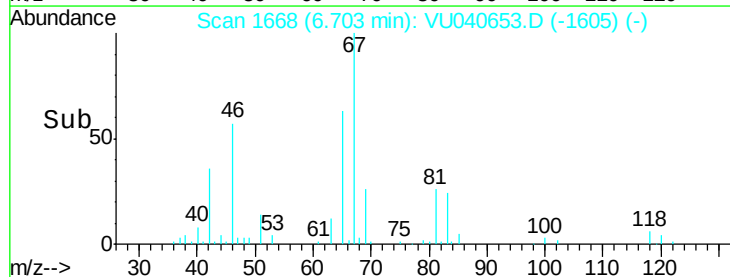
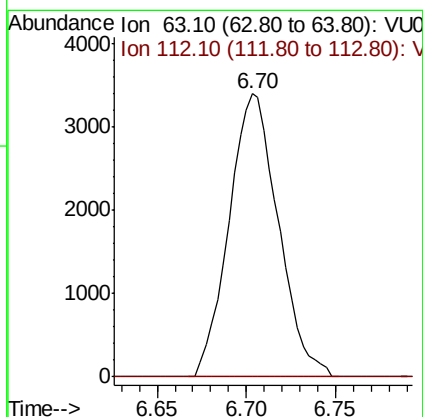
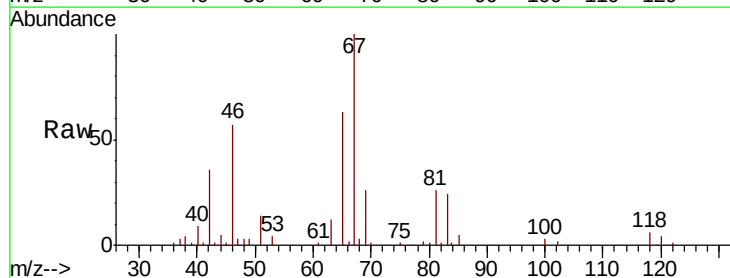
Instrument :
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ClientSampleId :
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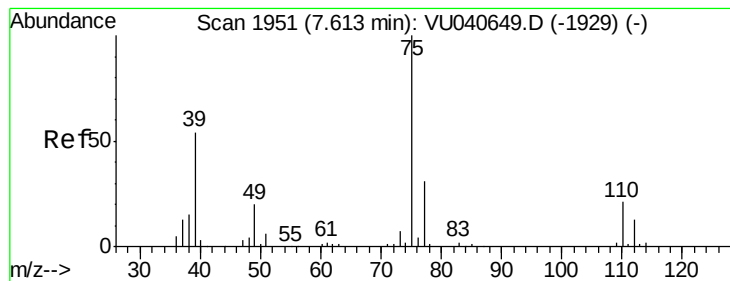
Tot Ion: 83 Resp: 12792
Ion Ratio Lower Upper
83 100
55 0.0 70.7 106.1#
98 0.8 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040653.D
Acq: 12 Oct 2020 12:42

Tgt Ion: 63 Resp: 6526
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



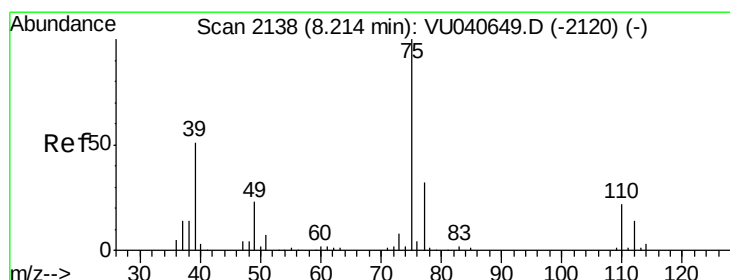
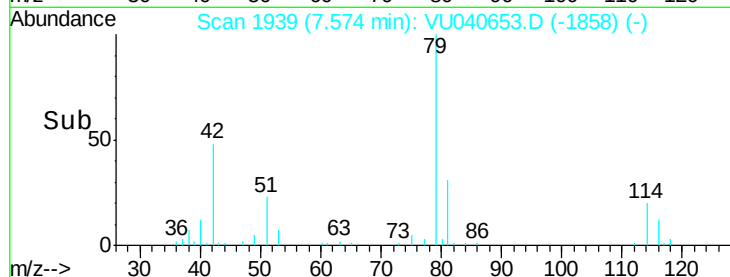
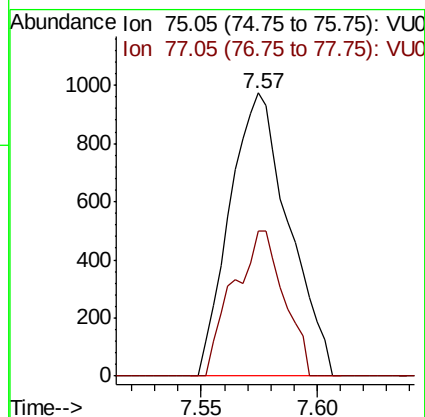
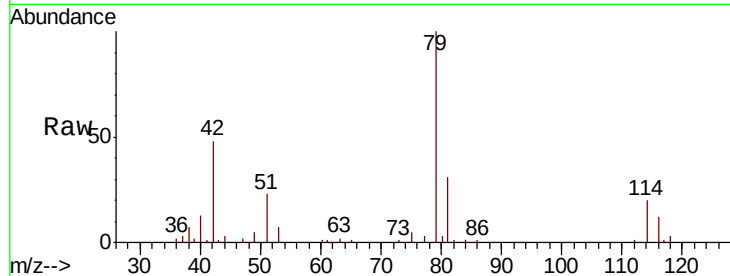


#39

cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040653.D
 Acq: 12 Oct 2020 12:42

Instrument :
 MSVOA_U
 ClientSampled :
 YAQX5

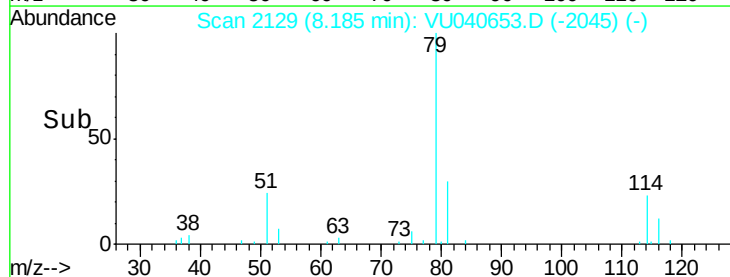
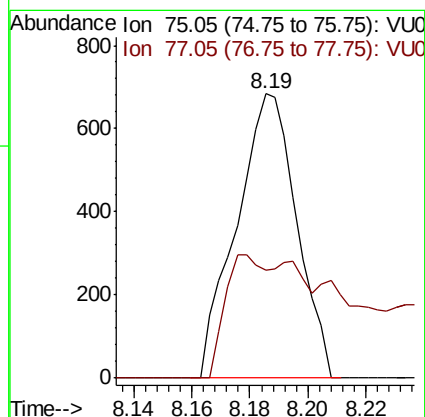
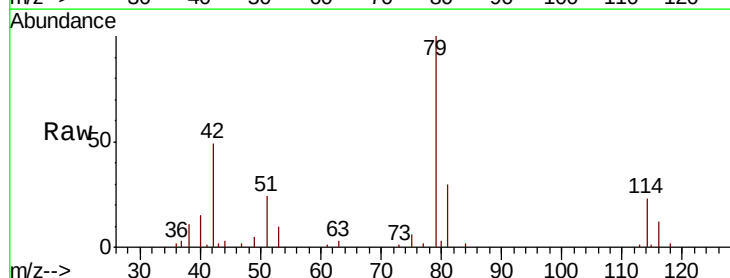
Tot Ion: 75 Resp: 1727
 Ion Ratio Lower Upper
 75 100
 77 51.5 20.5 38.1#

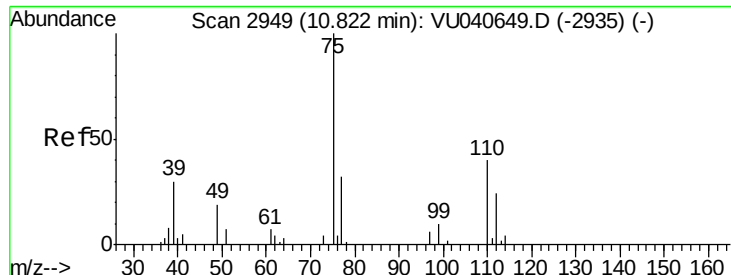


#44

trans-1,3-Dichloropropene
 Concen: 0.065 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040653.D
 Acq: 12 Oct 2020 12:42

Tgt Ion: 75 Resp: 981
 Ion Ratio Lower Upper
 75 100
 77 37.9 20.4 38.0





#59

1,2,3-Trichloropropane

Concen: 0.883 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040653.D

Acq: 12 Oct 2020 12:42

Instrument :

MSVOA_U

ClientSampleId :

YQX5

Tot Ion: 75 Resp: 7759

Ion Ratio Lower Upper

75 100

77 35.4 26.4 39.6

