

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
 Data File : VU041508.D
 Acq On : 09 Dec 2020 12:40
 Operator : SY/MD
 Sample : L4979-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 04:46:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51220	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	8727	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	1.92	69	9075	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.58	63	16736	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.65	46	37863	38.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.76%
24) Chloroform-d	5.08	84	29807	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.72	65	20269	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.74	84	44379	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.70	67	12366	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.80%
41) Toluene-d8	7.91	98	40975	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	8.18	79	7573	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.64	63	27528	32.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.76%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	13458	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	20699	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

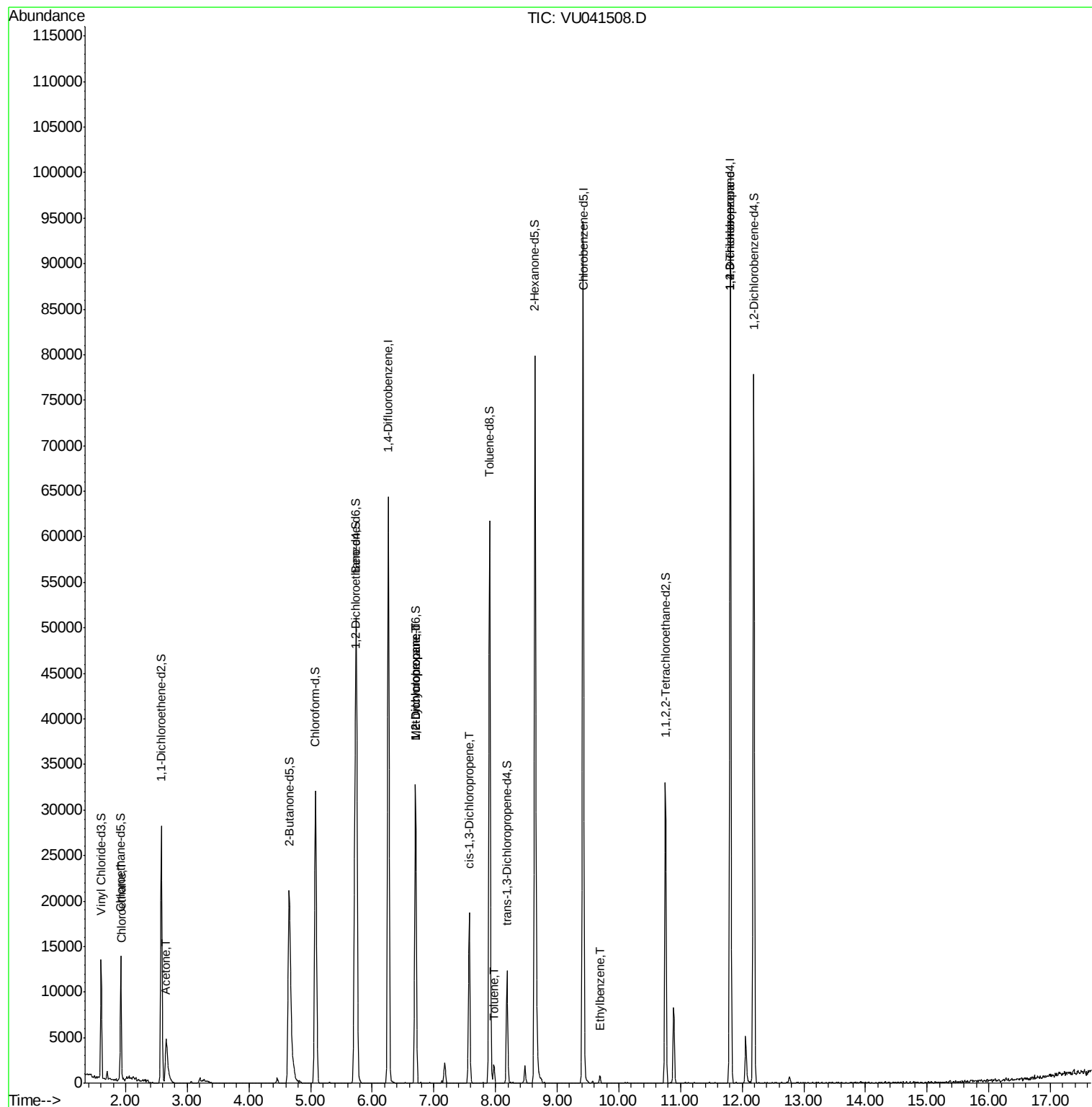
					Ovalue
8) Chloroethane	1.94	64	117	0.051	ug/L # 45
13) Acetone	2.66	43	9730	12.669	ug/L 91
35) Methylcyclohexane	6.70	83	3769	0.710	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	1991	0.659	ug/L # 84
39) cis-1,3-Dichloropropene	7.57	75	548	0.100	ug/L # 42
42) Toluene	7.98	91	1712	0.118	ug/L 93
52) Ethylbenzene	9.69	91	772	0.046	ug/L 97
59) 1,2,3-Trichloropropane	11.81	75	2611	0.890	ug/L # 77

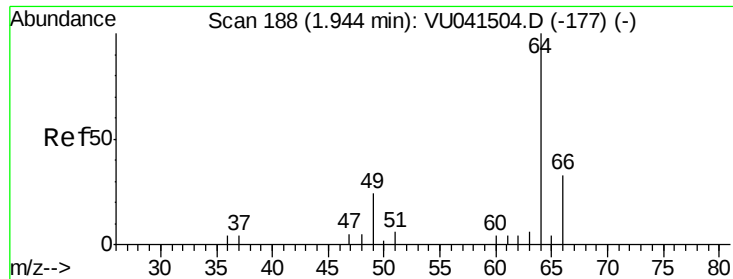
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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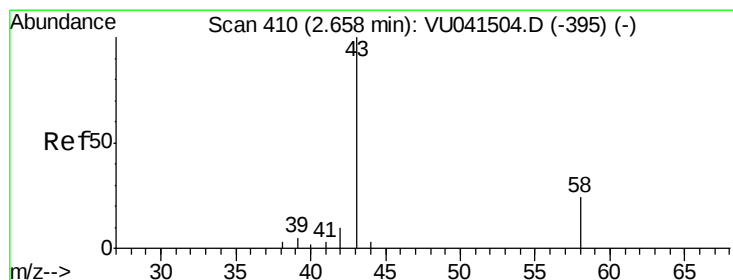
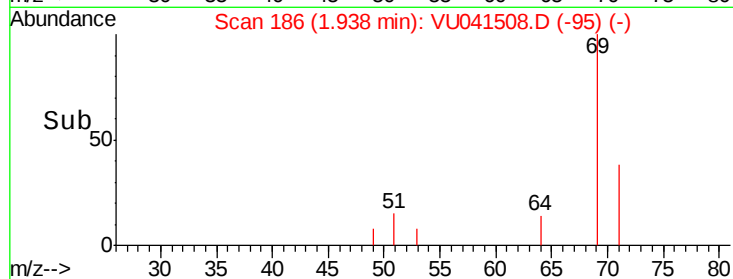
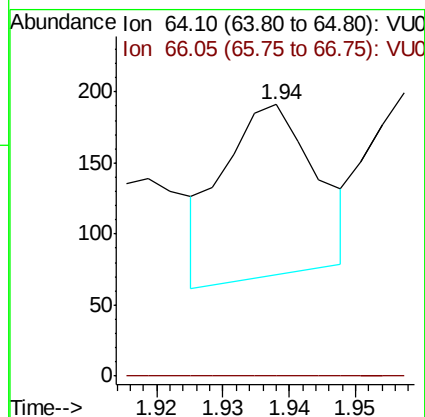
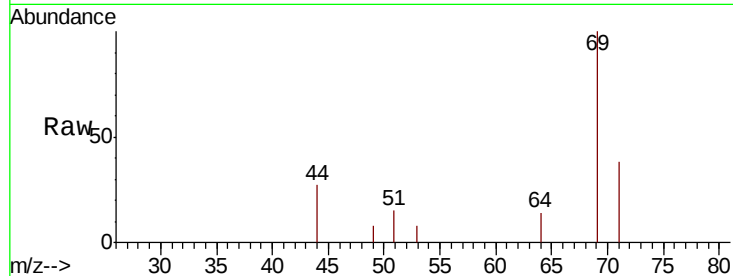




#8
 Chloroethane
 Concen: 0.051 ug/L
 RT: 1.94 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VU041508.D
 Acq: 09 Dec 2020 12:40

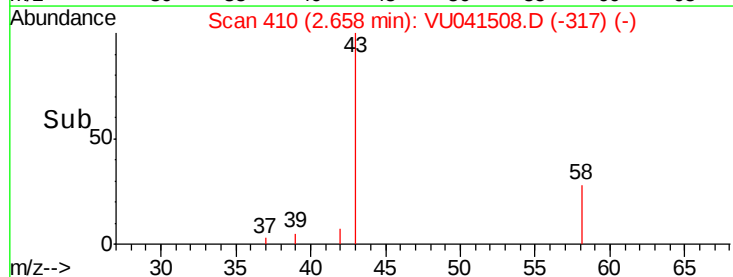
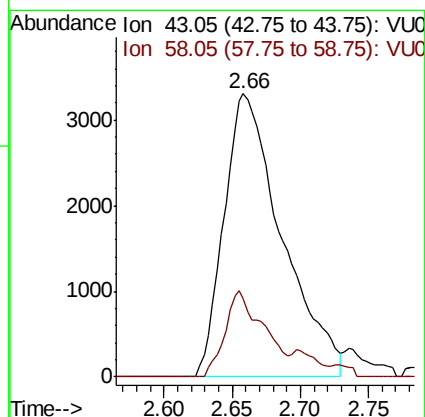
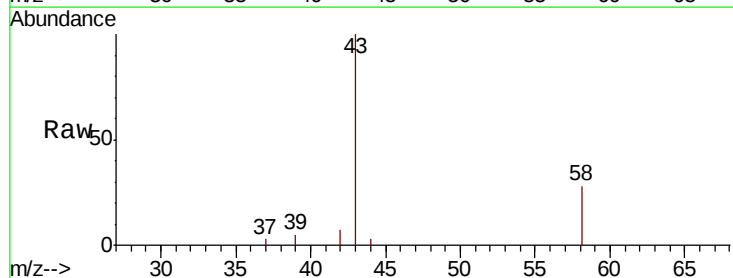
Instrument :
 MSVOA_U
 ClientSampleId :

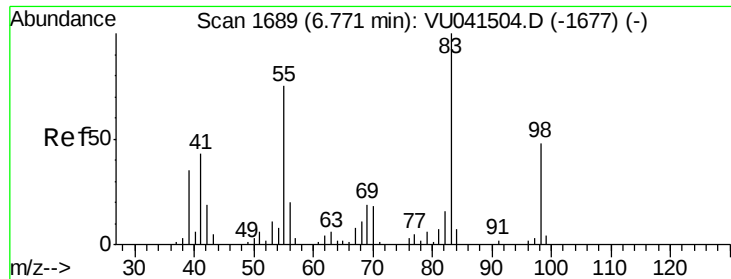
Tot Ion: 64 Resp: 117
 Ion Ratio Lower Upper
 64 100
 66 0.0 20.9 38.9#



#13
 Acetone
 Concen: 12.669 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU041508.D
 Acq: 09 Dec 2020 12:40

Tgt Ion: 43 Resp: 9730
 Ion Ratio Lower Upper
 43 100
 58 20.4 0.0 50.0

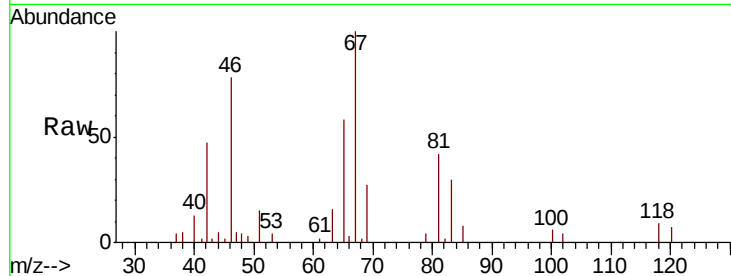




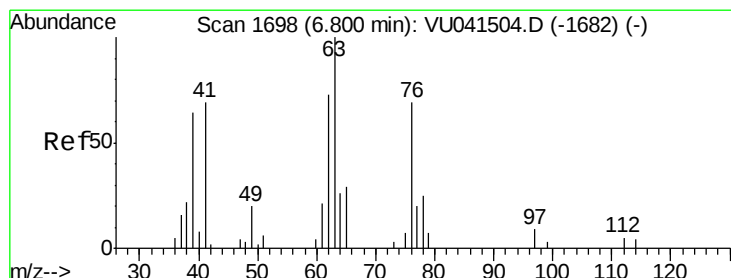
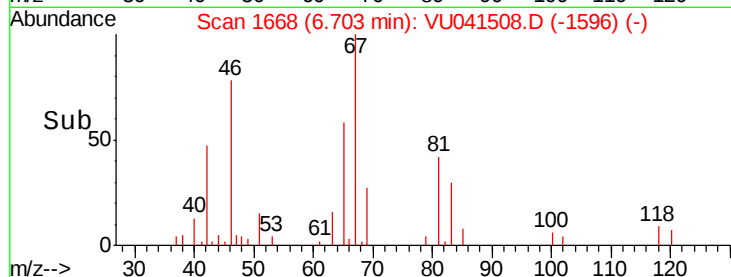
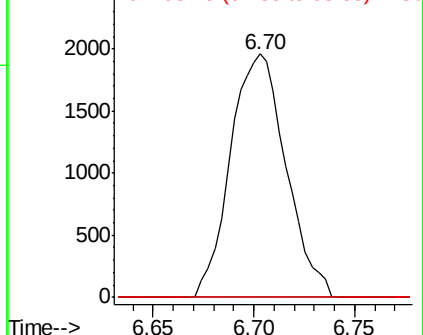
#35
Methvlcvclohexane
Concen: 0.710 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041508.D
Acq: 09 Dec 2020 12:40

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 3769
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

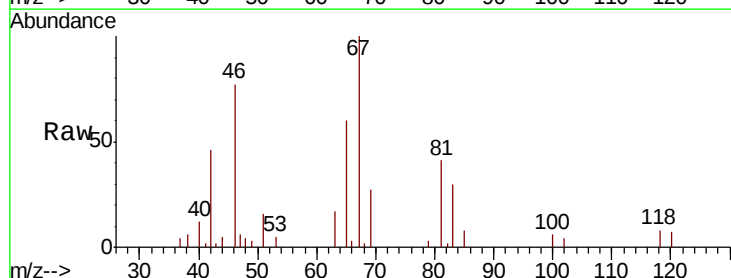


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

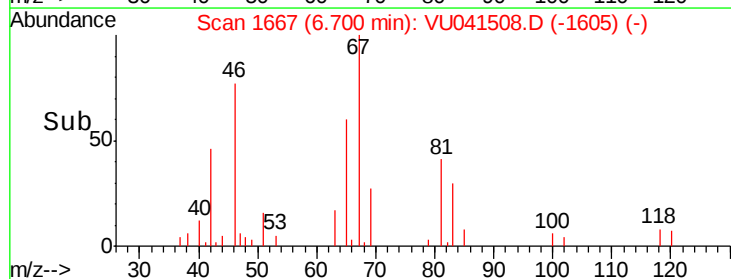
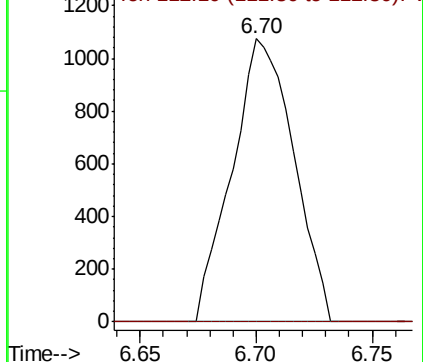


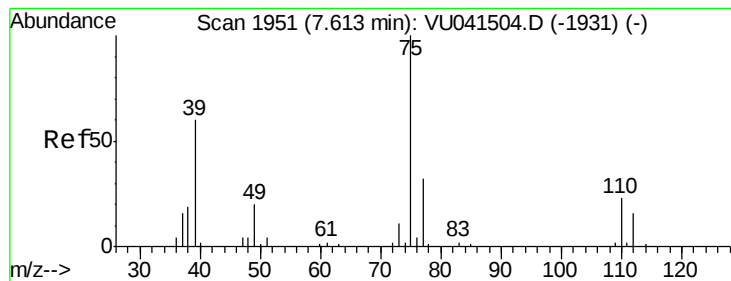
#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041508.D
Acq: 09 Dec 2020 12:40

Tgt Ion: 63 Resp: 1991
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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



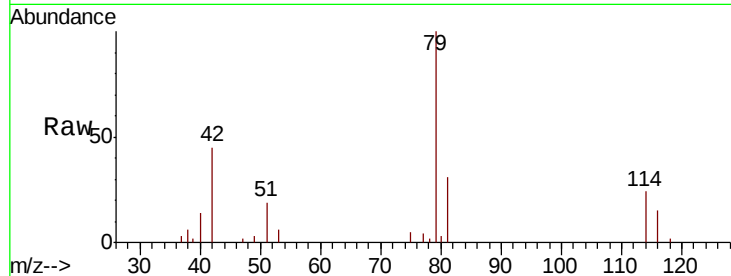


#39

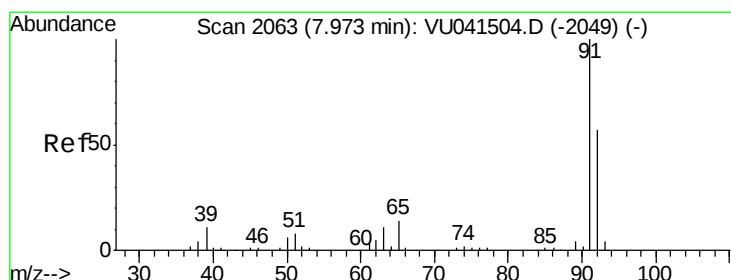
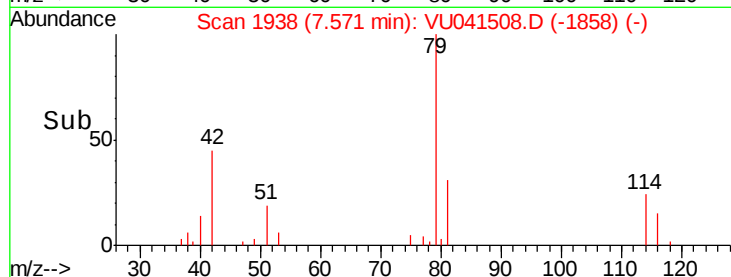
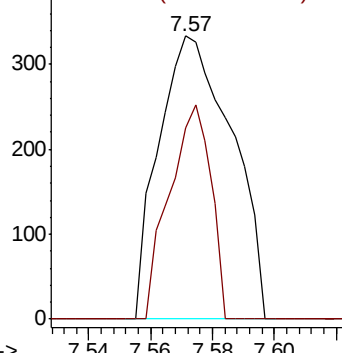
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041508.D
Acq: 09 Dec 2020 12:40

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 548
Ion Ratio Lower Upper
75 100
77 67.6 24.0 44.6#



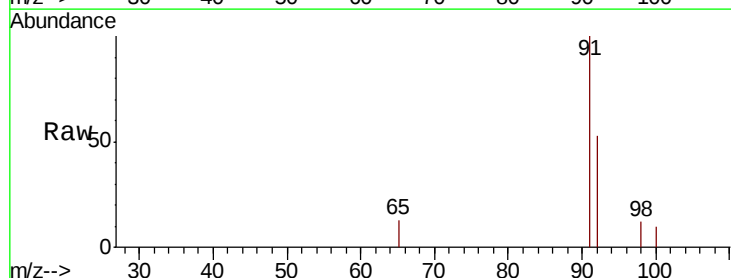
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



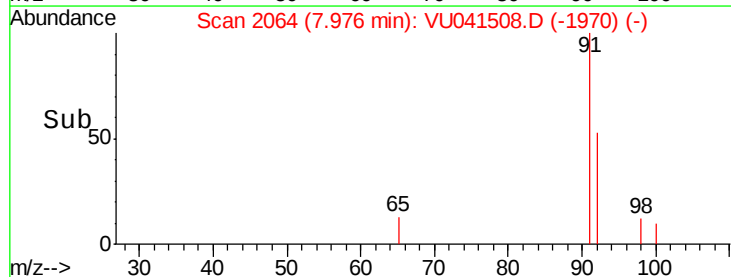
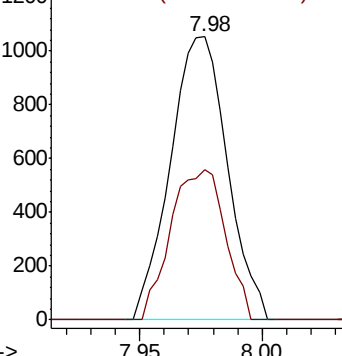
#42

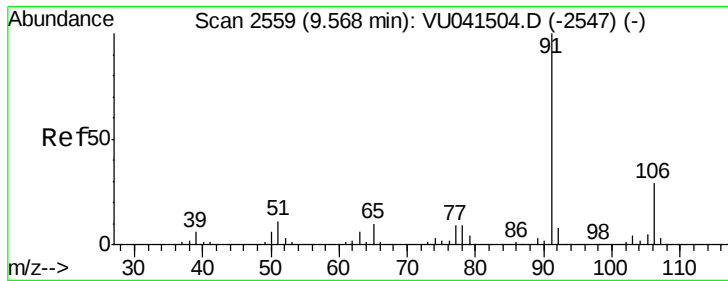
Toluene
Concen: 0.118 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041508.D
Acq: 09 Dec 2020 12:40

Tgt Ion: 91 Resp: 1712
Ion Ratio Lower Upper
91 100
92 53.3 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.046 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.13 min

Lab File: VU041508.D

Acq: 09 Dec 2020 12:40

Instrument :

MSVOA_U

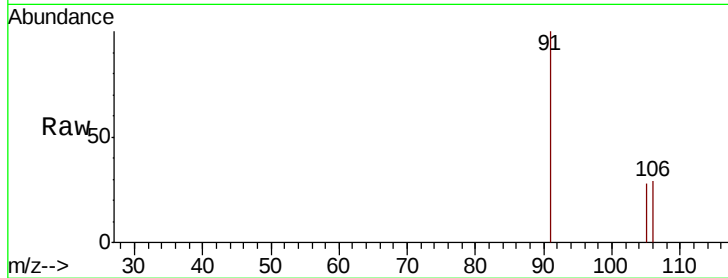
ClientSampled :

Tot Ion: 91 Resp: 772

Ion Ratio Lower Upper

91 100

106 29.5 21.8 40.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V

9.69

600

500

400

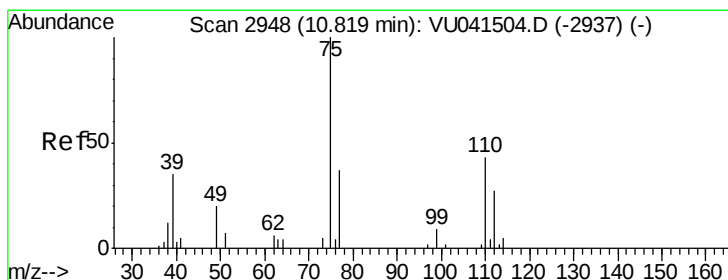
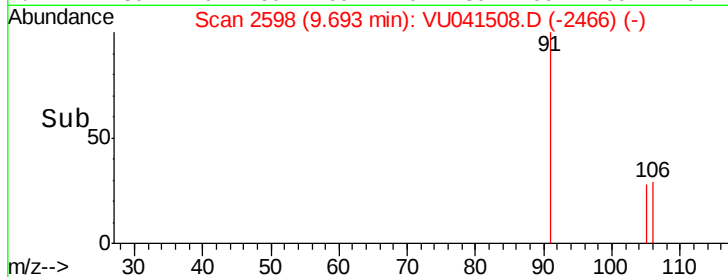
300

200

100

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.890 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041508.D

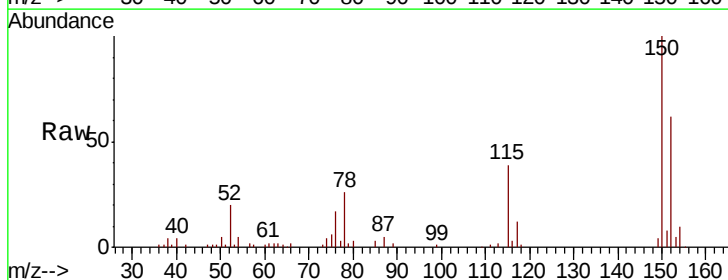
Acq: 09 Dec 2020 12:40

Tgt Ion: 75 Resp: 2611

Ion Ratio Lower Upper

75 100

77 45.6 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

1500

1000

500

0

Time-->

