

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038551.D
 Acq On : 04 Jun 2020 16:05
 Operator : SY/MD
 Sample : L2873-04RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM9

Quant Time: Jun 05 01:14:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291536	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138715	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72091	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.93	69	62342	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.59	63	113012	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.67	46	292054	50.95	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	5.10	84	168403	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.74	65	99219	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.76	84	329670	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	103365	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.92	98	279905	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.20	79	42222	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.65	63	248008	52.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90890	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	117578	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

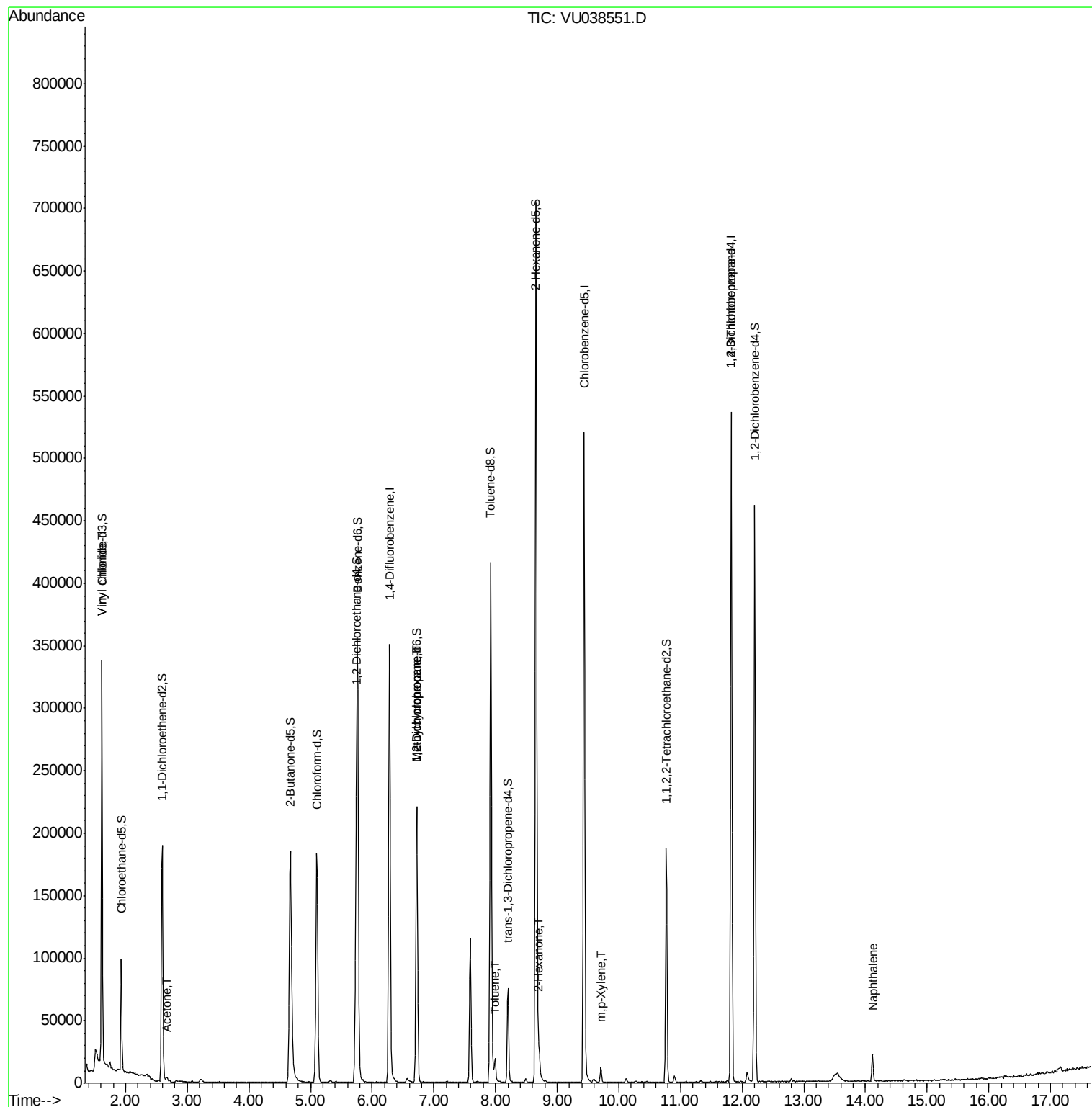
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	154575	6.837	ug/L	92
13) Acetone	2.67	43	5320	1.418	ug/L	92
35) Methylcyclohexane	6.72	83	24168	0.739	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11978	0.585	ug/L #	86
42) Toluene	8.00	91	11731	0.138	ug/L	93
48) 2-Hexanone	8.71	43	12156	1.097	ug/L #	94
53) m,p-Xylene	9.71	106	3534	0.097	ug/L	94
59) 1,2,3-Trichloropropane	11.82	75	17067	1.117	ug/L	90
69) Naphthalene	14.11	128	17126	0.306	ug/L	98

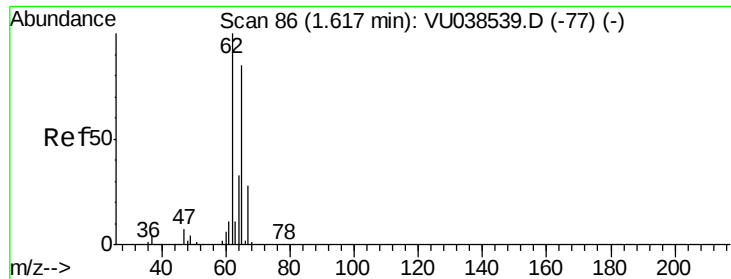
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060420\
Data File : VU038551.D
Acq On : 04 Jun 2020 16:05
Operator : SY/MD
Sample : L2873-04RE
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETTM9

Quant Time: Jun 05 01:14:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 05 01:11:12 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.837 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038551.D

Acq: 04 Jun 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

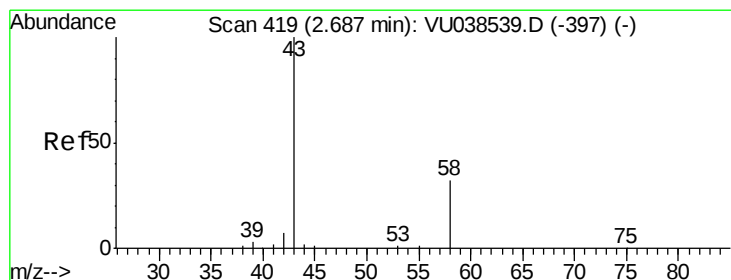
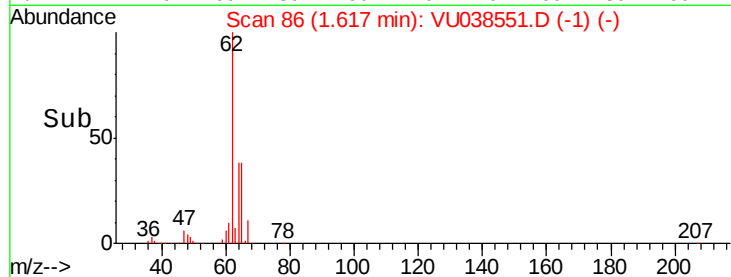
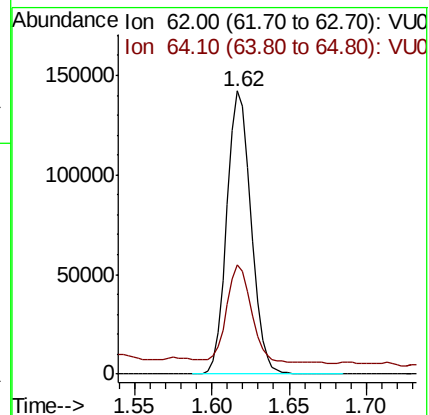
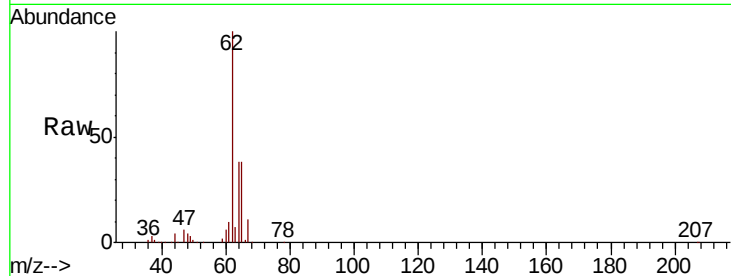
ETTM9

Tot Ion: 62 Resp: 154575

Ion Ratio Lower Upper

62 100

64 38.5 23.7 43.9



#13

Acetone

Concen: 1.418 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038551.D

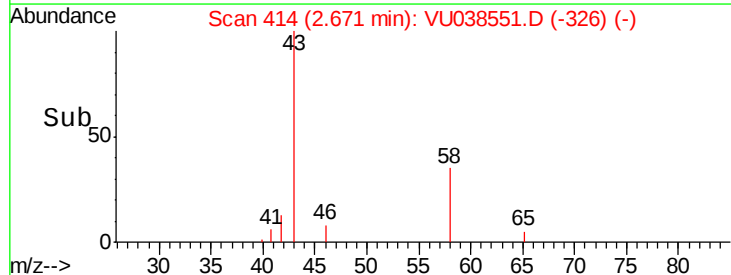
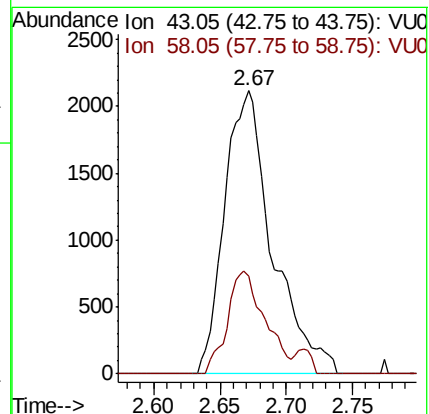
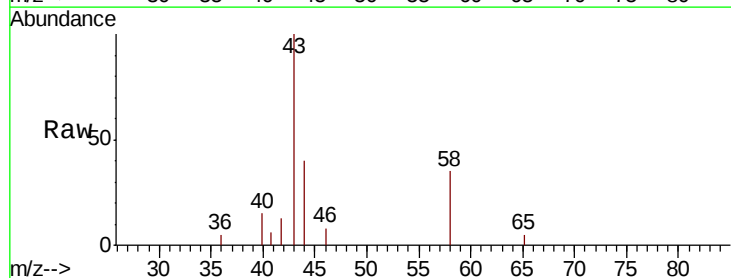
Acq: 04 Jun 2020 16:05

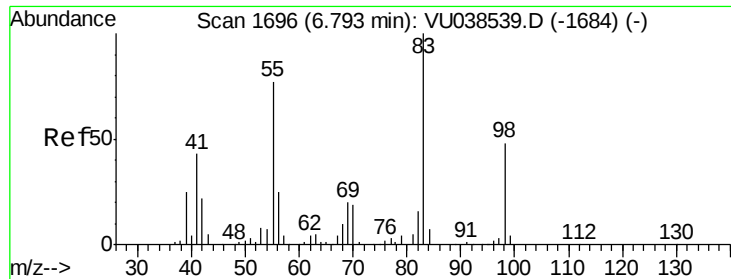
Tgt Ion: 43 Resp: 5320

Ion Ratio Lower Upper

43 100

58 28.5 0.0 65.6

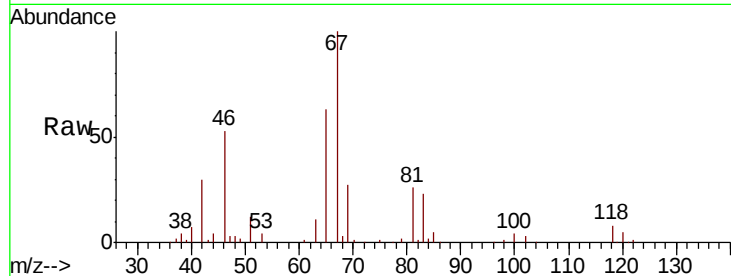




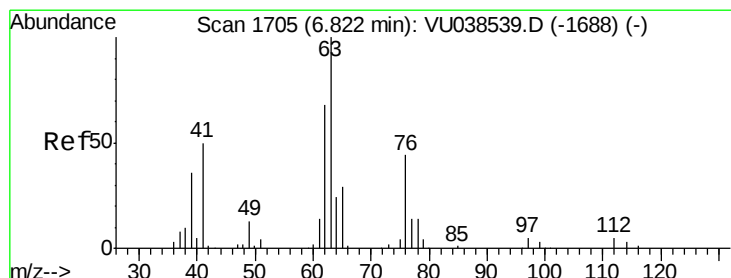
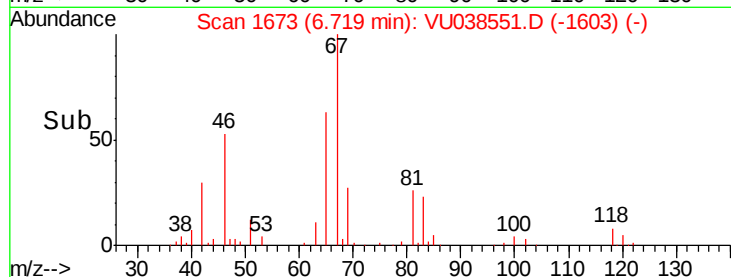
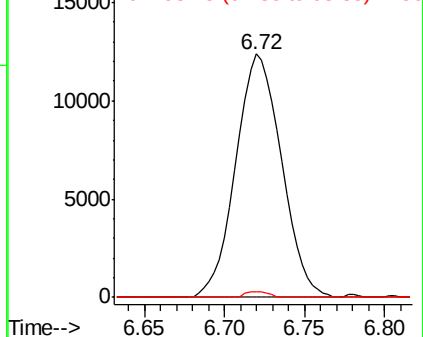
#35
Methvlcvclohexane
Concen: 0.739 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038551.D
Acq: 04 Jun 2020 16:05

Instrument :
MSVOA_U
ClientSampleId :
ETTM9

Tot Ion: 83 Resp: 24168
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.1 39.0 58.4#

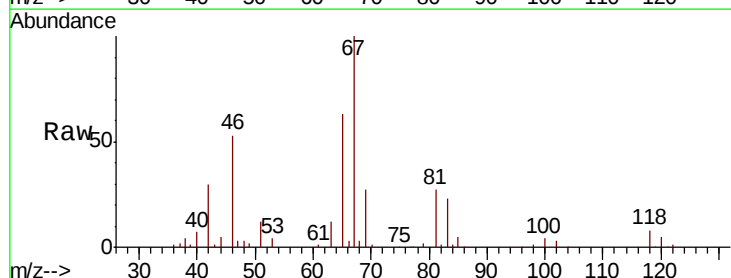


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

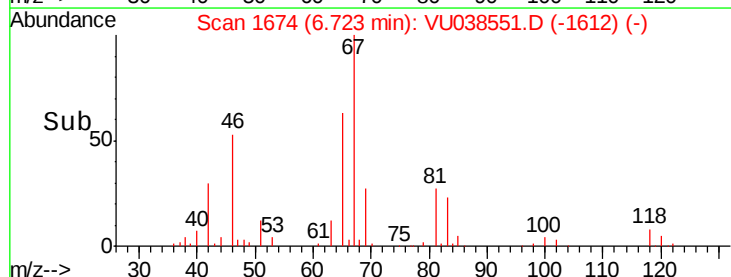
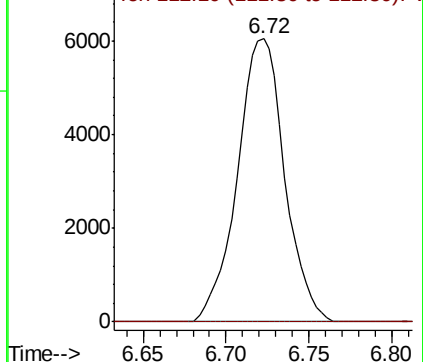


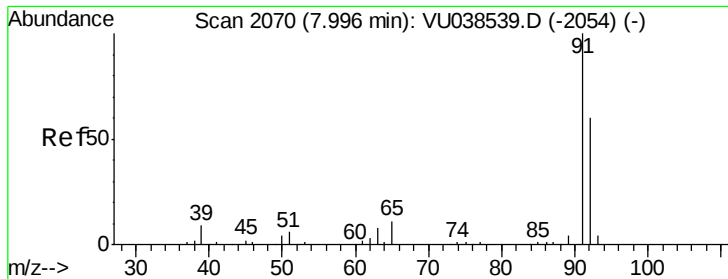
#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038551.D
Acq: 04 Jun 2020 16:05

Tgt Ion: 63 Resp: 11978
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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





#42

Toluene

Concen: 0.138 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU038551.D

Acq: 04 Jun 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

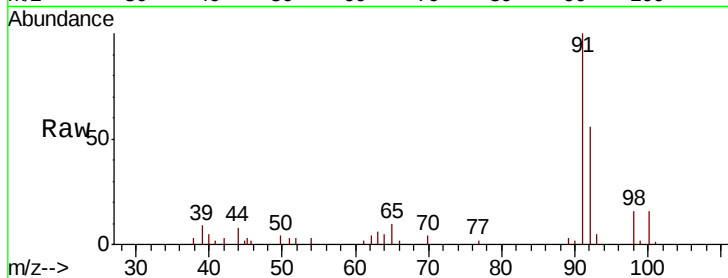
ETTM9

Tot Ion: 91 Resp: 11731

Ion Ratio Lower Upper

91 100

92 55.7 43.0 79.8



Abundance Ion 91.15 (90.85 to 91.85): VU038539.D (-2054) (-)

Ion 92.15 (91.85 to 92.85): VU038539.D (-2054) (-)

8.00

6000

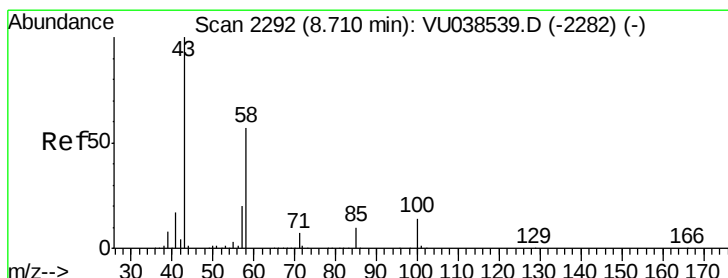
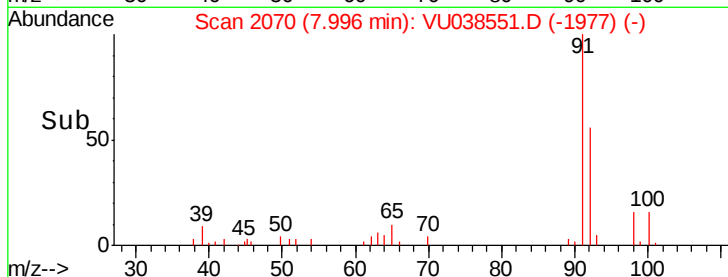
4000

2000

0

7.95 8.00 8.05

Time-->



#48

2-Hexanone

Concen: 1.097 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038551.D

Acq: 04 Jun 2020 16:05

Tgt Ion: 43 Resp: 12156

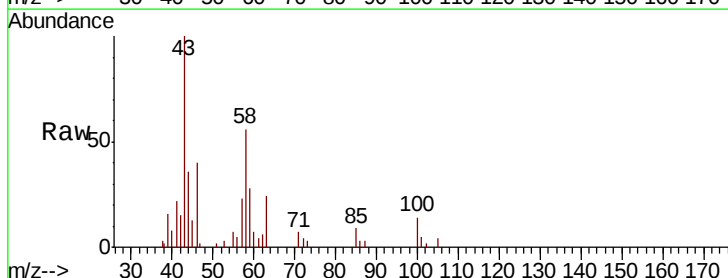
Ion Ratio Lower Upper

43 100

58 54.2 45.4 68.0

57 27.3 15.9 23.9#

100 12.0 10.5 15.7



Abundance Ion 43.05 (42.75 to 43.75): VU038539.D (-2282) (-)

Ion 58.05 (57.75 to 58.75): VU038539.D (-2282) (-)

Ion 57.20 (56.90 to 57.90): VU038539.D (-2282) (-)

Ion 100.15 (99.85 to 100.85): VU038539.D (-2282) (-)

8.71

15000

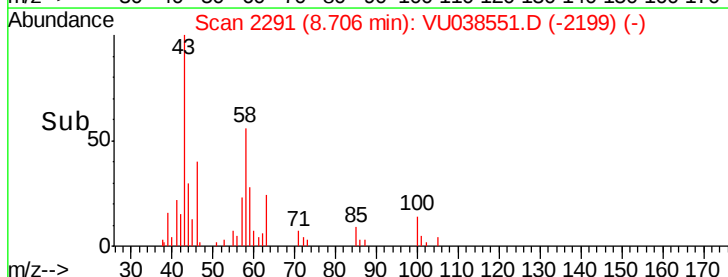
10000

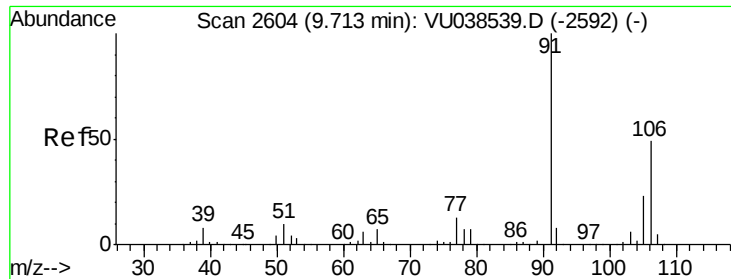
5000

0

8.65 8.70 8.75 8.80

Time-->

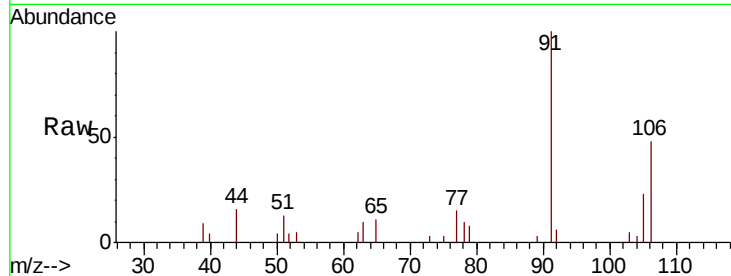




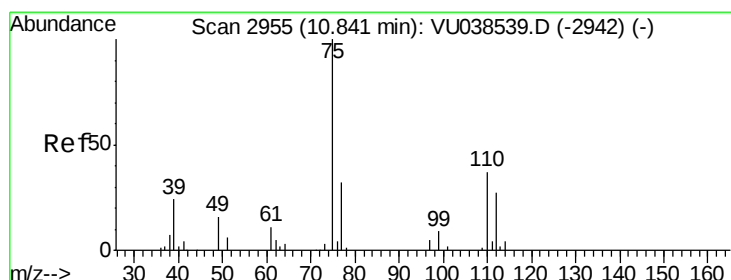
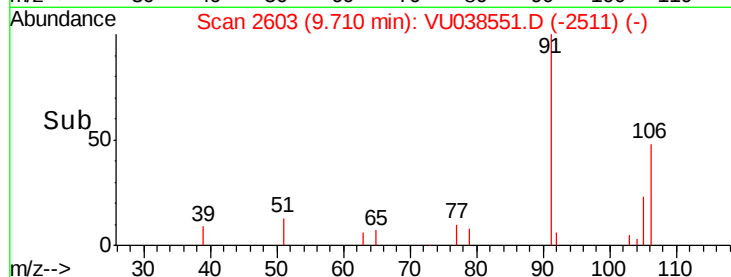
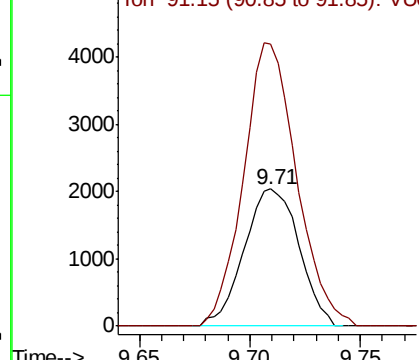
#53
 m,p-Xylene
 Concen: 0.097 ug/L
 RT: 9.71 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VU038551.D
 Acq: 04 Jun 2020 16:05

Instrument :
 MSVOA_U
 ClientSampled :
 ETTM9

Tot Ion:106 Resp: 3534
 Ion Ratio Lower Upper
 106 100
 91 206.4 138.1 256.5

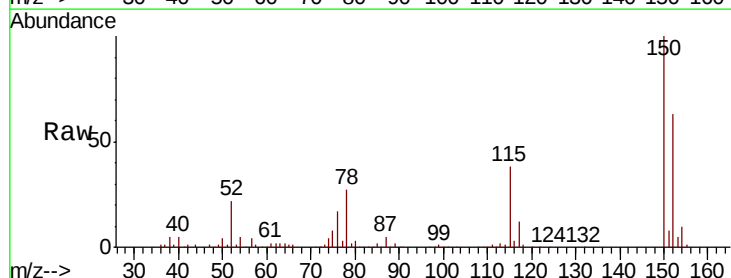


Abundance Ion 106.15 (105.85 to 106.85): VU038539.D (-2592) (-)
 Ion 91.15 (90.85 to 91.85): VU038539.D (-2592) (-)

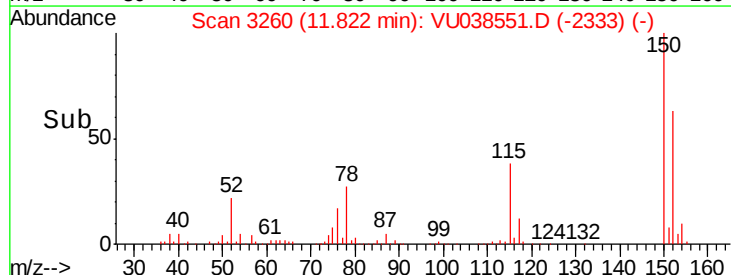
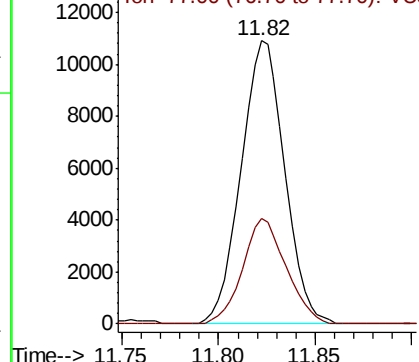


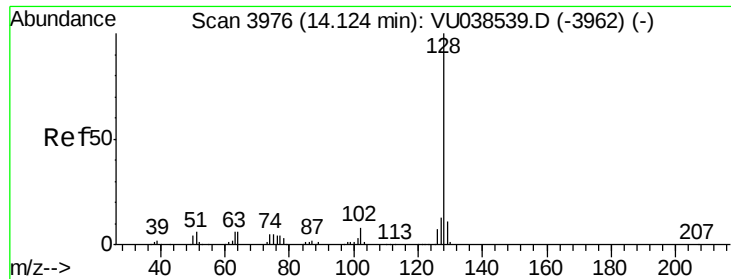
#59
 1,2,3-Trichloropropane
 Concen: 1.117 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038551.D
 Acq: 04 Jun 2020 16:05

Tgt Ion: 75 Resp: 17067
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU038539.D (-2942) (-)
 Ion 77.00 (76.70 to 77.70): VU038539.D (-2942) (-)





#69

Naphthalene

Concen: 0.306 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038551.D

Acq: 04 Jun 2020 16:05

Instrument :

MSVOA_U

ClientSampleId :

ETTM9

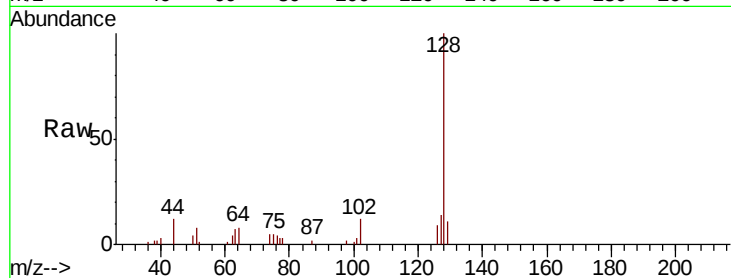
Tot Ion:128 Resp: 17126

Ion Ratio Lower Upper

128 100

129 9.8 8.9 13.3

127 12.3 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

