

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037515.D
 Acq On : 31 Mar 2020 23:15
 Operator : JC/MD
 Sample : L2065-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:29:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	88993	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	82614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21016	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.93	69	20649	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.59	63	30078	2.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.40%#
20) 2-Butanone-d5	4.66	46	88258	44.08	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.16%
24) Chloroform-d	5.11	84	45559	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
26) 1,2-Dichloroethane-d4	5.74	65	26561	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.76	84	87571	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
36) 1,2-Dichloropropane-d6	6.72	67	31271	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.92	98	77053	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	8.20	79	12801	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.66	63	75561	46.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	28677	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	29986	3.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.40%#

Target Compounds

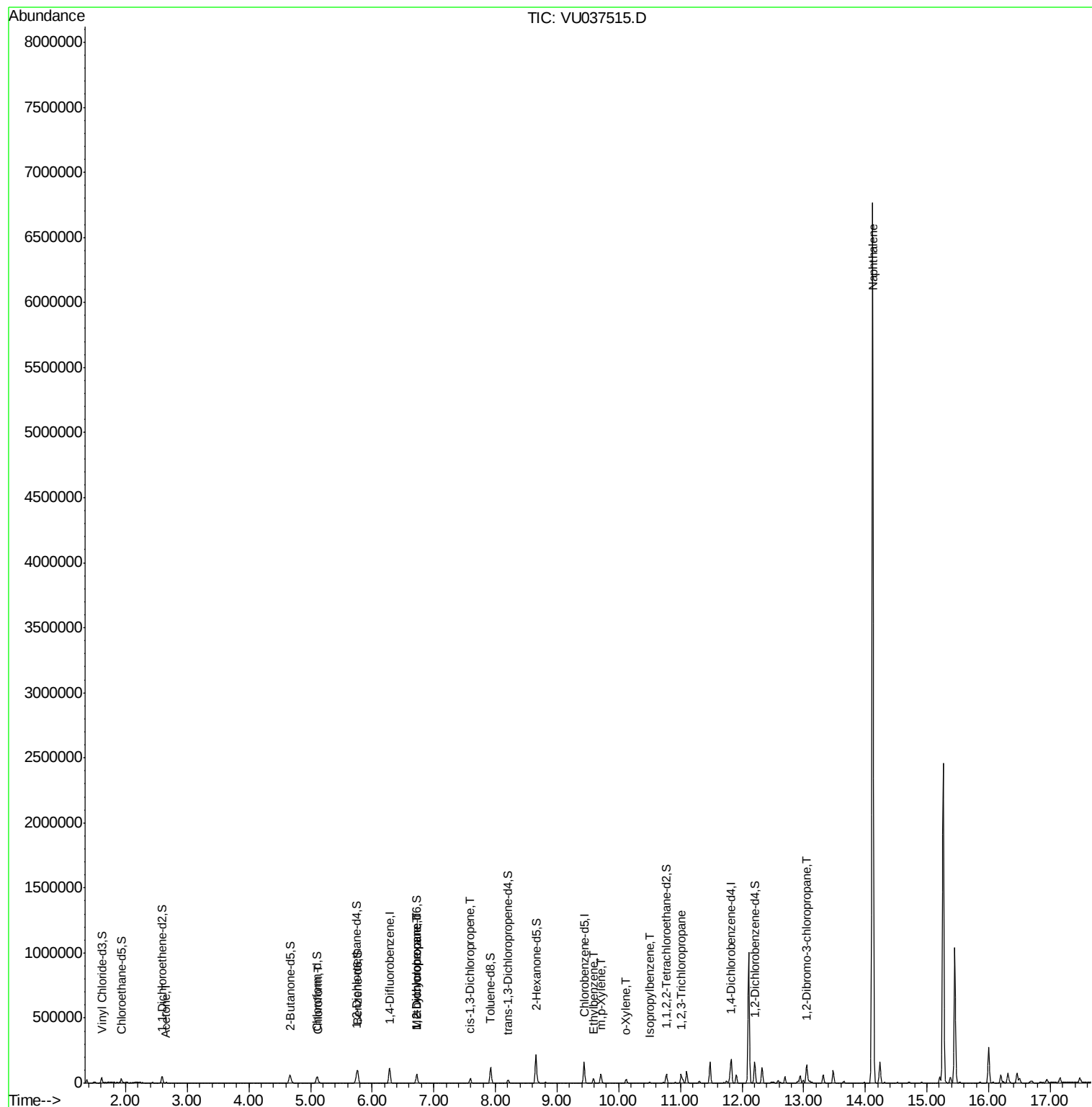
					Ovalue
13) Acetone	2.66	43	4832	4.264	ug/L 84
25) Chloroform	5.13	83	3574	0.300	ug/L 90
35) Methylcyclohexane	6.72	83	7090	0.632	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	3556	0.521	ug/L # 89
39) cis-1,3-Dichloropropene	7.59	75	1037	0.098	ug/L # 65
52) Ethylbenzene	9.59	91	23448	0.744	ug/L 100
53) m,p-Xylene	9.71	106	19007	1.622	ug/L 95
54) o-Xylene	10.12	106	7415	0.668	ug/L 95
56) Isopropylbenzene	10.50	105	4706	0.157	ug/L 96
59) 1,2,3-Trichloropropane	11.01	75	511	0.109	ug/L # 1
66) 1,2-Dibromo-3-chloropropan	13.05	75	3205	2.439	ug/L # 5
69) Naphthalene	14.12	128	4955206	239.589	ug/L 99

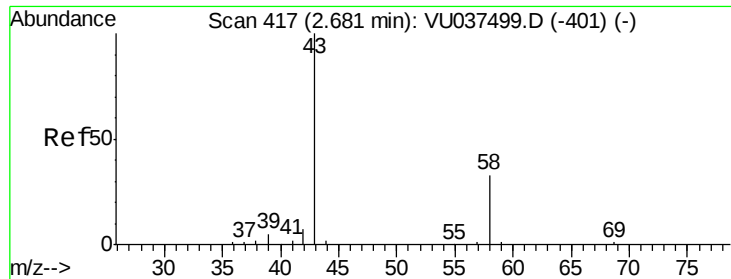
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 01 01:25:39 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.264 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.02 min

Lab File: VU037515.D

Acq: 31 Mar 2020 23:15

Instrument :

MSVOA_U

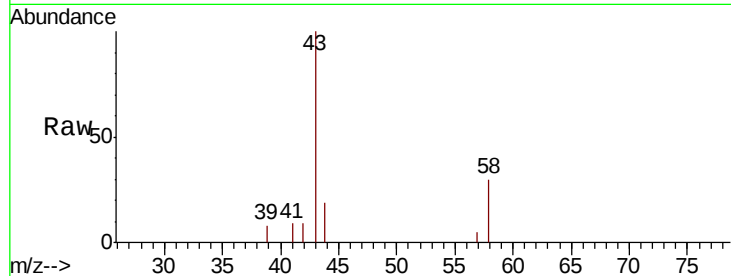
ClientSampleId :

Tot Ion: 43 Resp: 4832

Ion Ratio Lower Upper

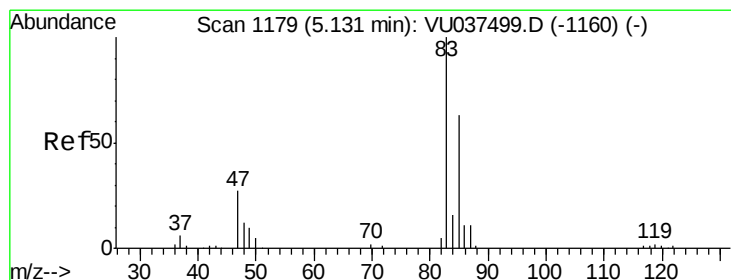
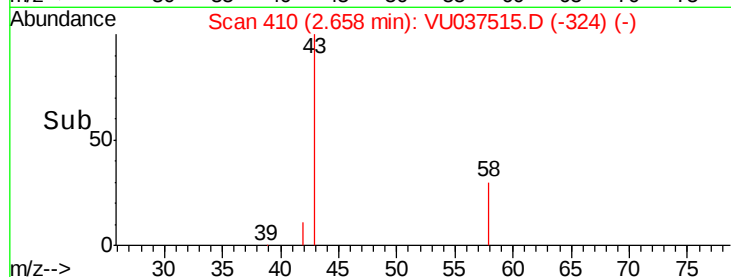
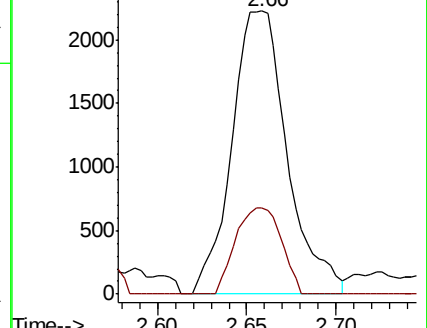
43 100

58 25.2 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037499.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU037499.D (-401) (-)



#25

Chloroform

Concen: 0.300 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VU037515.D

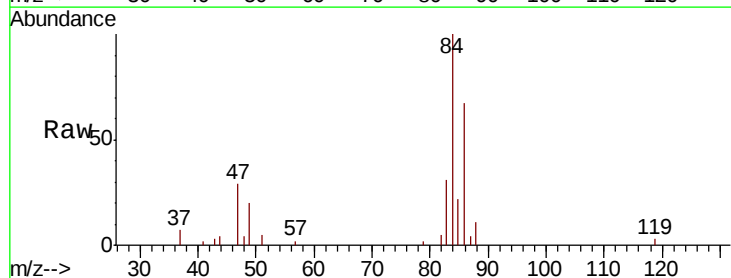
Acq: 31 Mar 2020 23:15

Tgt Ion: 83 Resp: 3574

Ion Ratio Lower Upper

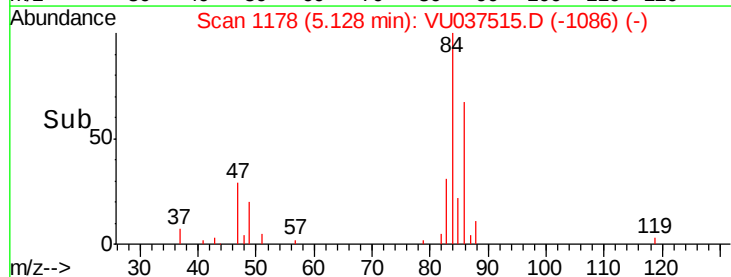
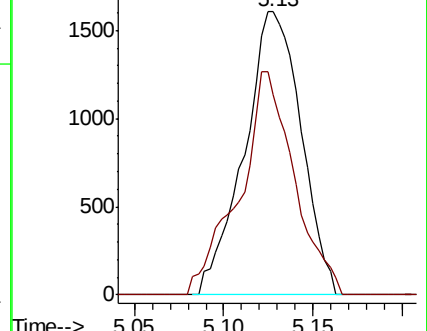
83 100

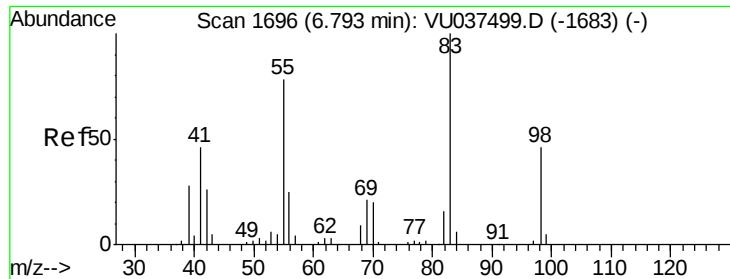
85 70.5 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VU037499.D (-1160) (-)

Ion 85.00 (84.70 to 85.70): VU037499.D (-1160) (-)

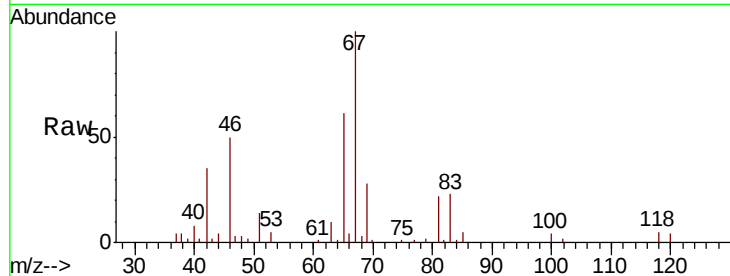




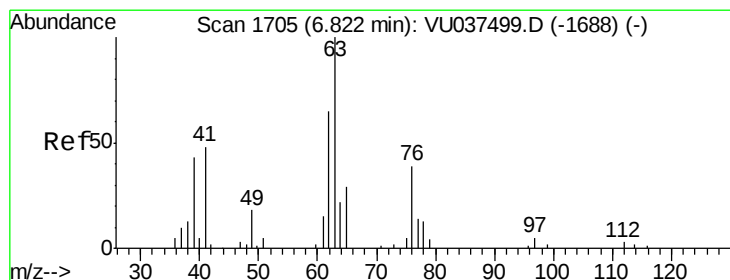
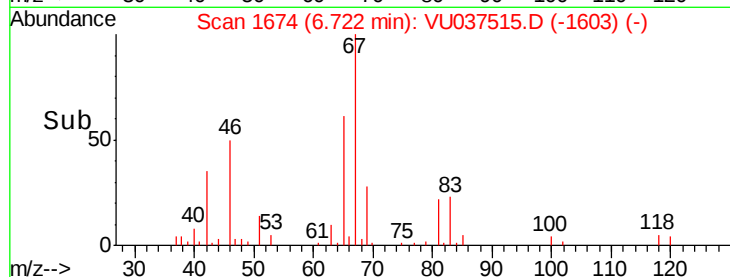
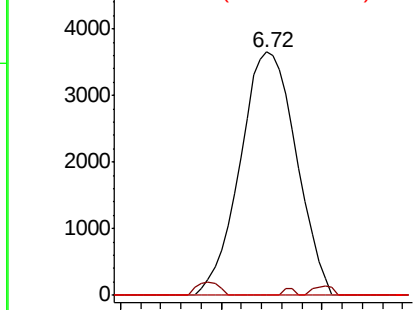
#35
Methylcyclohexane
Concen: 0.632 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037515.D
Acq: 31 Mar 2020 23:15

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 7090
Ion Ratio Lower Upper
83 100
55 0.6 64.4 96.6#
98 0.0 38.2 57.2#

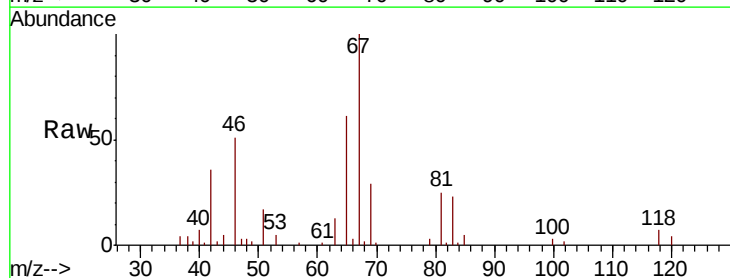


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

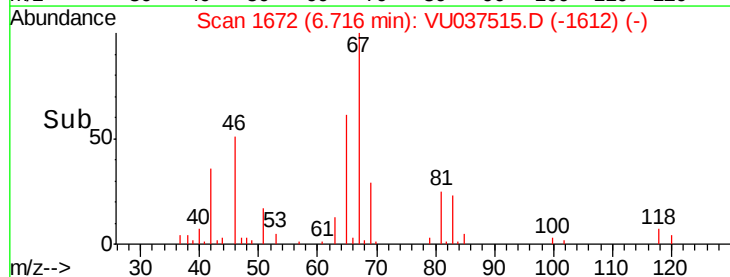
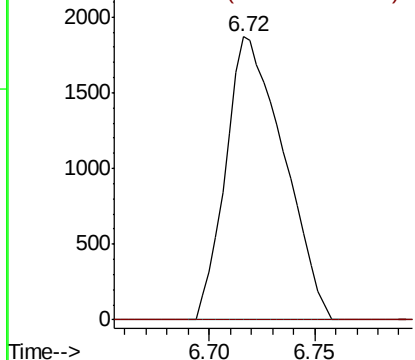


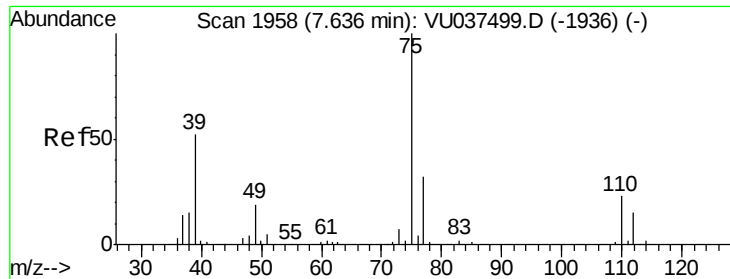
#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.72 min Scan# 1672
Delta R.T. -0.11 min
Lab File: VU037515.D
Acq: 31 Mar 2020 23:15

Tgt Ion: 63 Resp: 3556
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



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

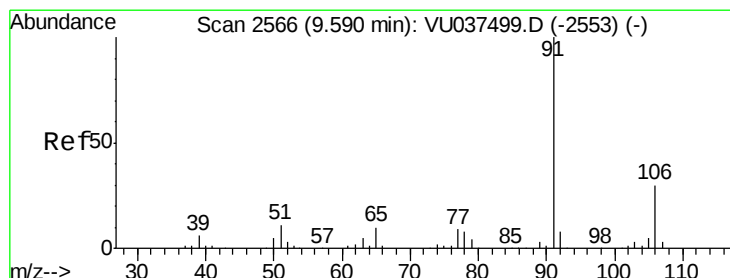
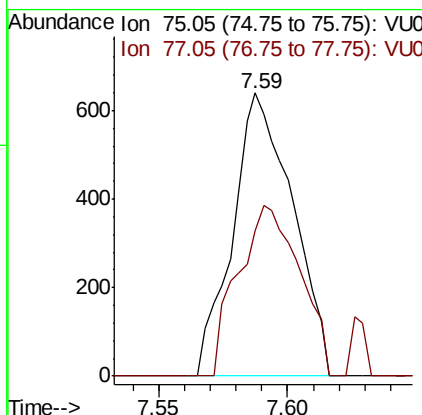
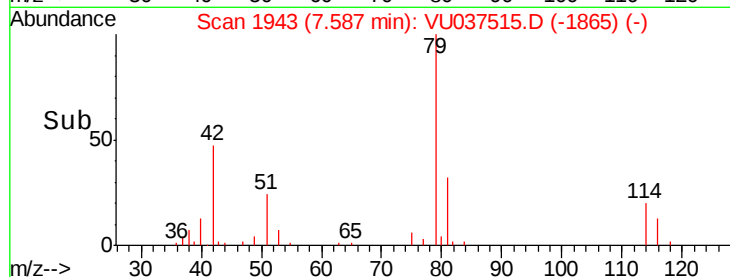
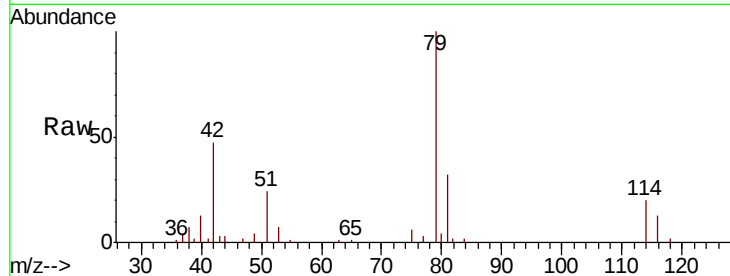




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU037515.D
 Acq: 31 Mar 2020 23:15

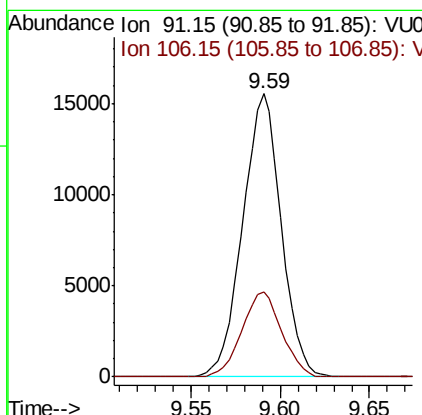
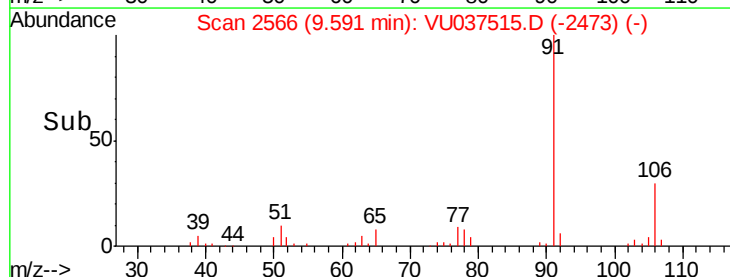
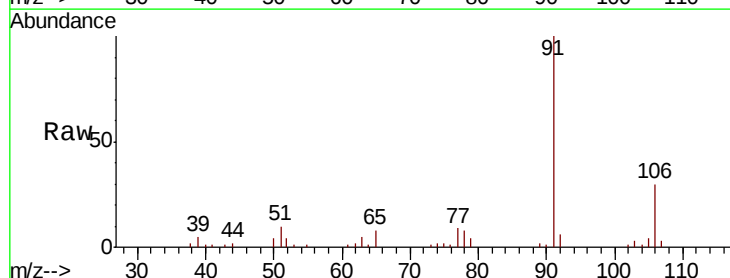
Instrument :
 MSVOA_U
 ClientSampleId :

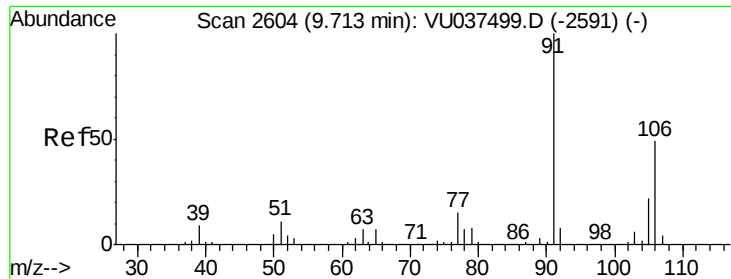
Tot Ion: 75 Resp: 1037
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.4 41.6#



#52
 Ethylbenzene
 Concen: 0.744 ug/L
 RT: 9.59 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VU037515.D
 Acq: 31 Mar 2020 23:15

Tgt Ion: 91 Resp: 23448
 Ion Ratio Lower Upper
 91 100
 106 30.2 21.1 39.3





#53

m,p-Xylene

Concen: 1.622 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU037515.D

Acq: 31 Mar 2020 23:15

Instrument :

MSVOA_U

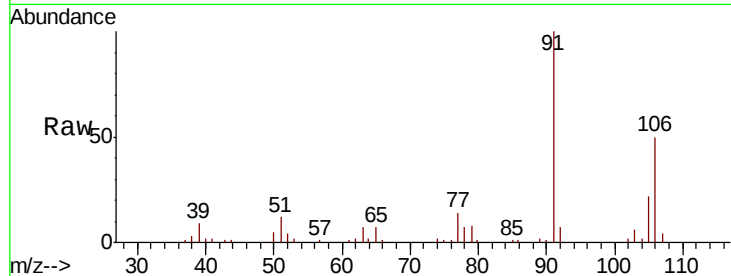
ClientSampleId :

Tot Ion:106 Resp: 19007

Ion Ratio Lower Upper

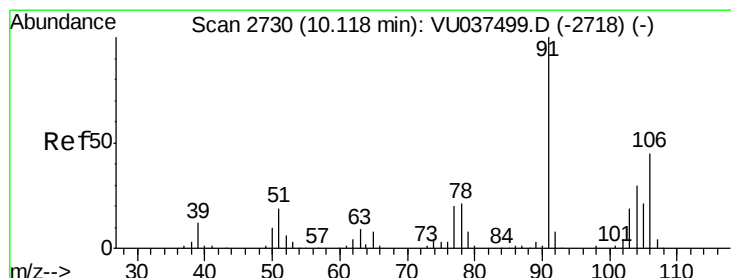
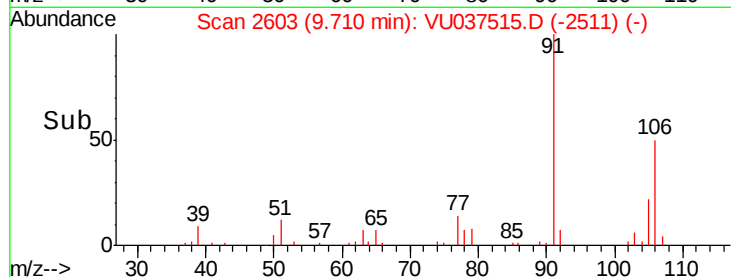
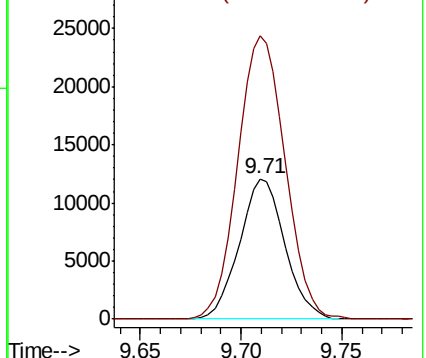
106 100

91 201.4 146.8 272.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.668 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU037515.D

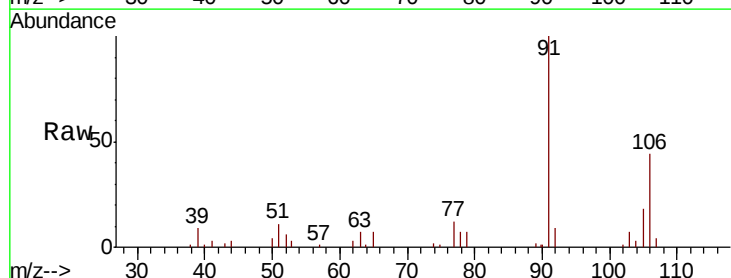
Acq: 31 Mar 2020 23:15

Tgt Ion:106 Resp: 7415

Ion Ratio Lower Upper

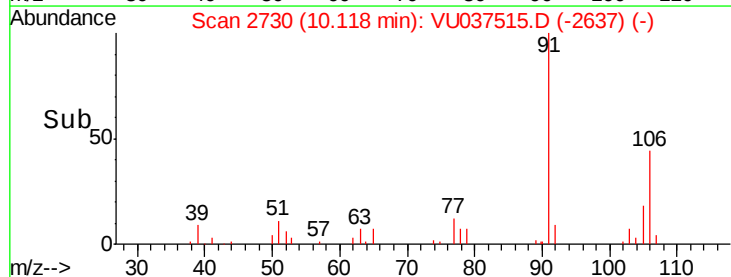
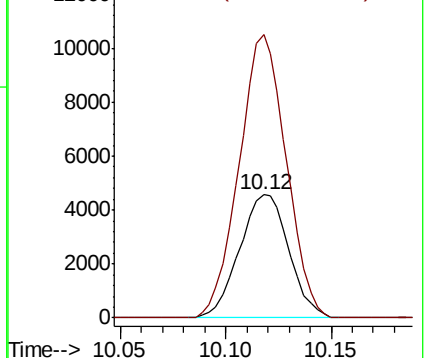
106 100

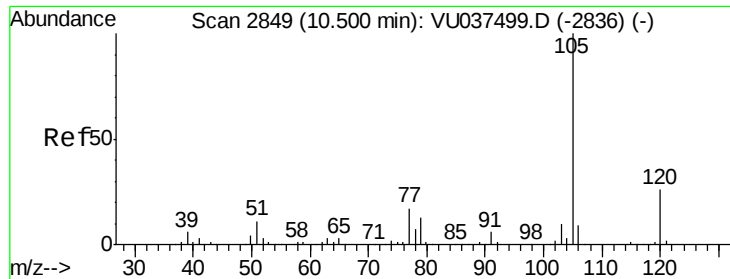
91 229.8 155.6 289.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.157 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU037515.D

Acq: 31 Mar 2020 23:15

Instrument :

MSVOA_U

ClientSampleId :

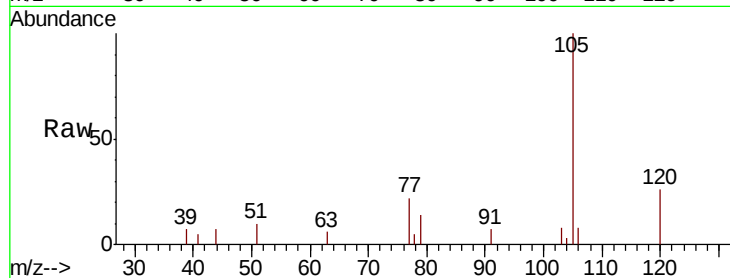
Tot Ion:105 Resp: 4706

Ion Ratio Lower Upper

105 100

120 26.9 20.5 30.7

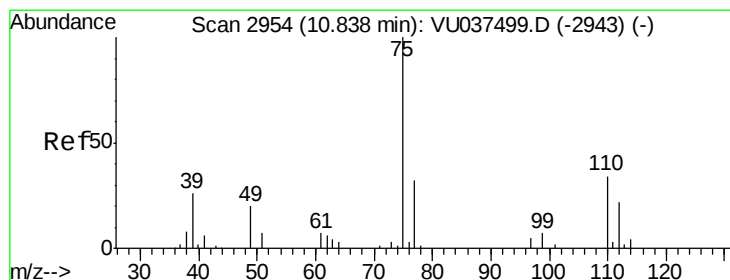
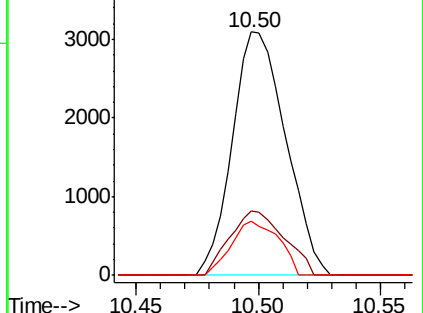
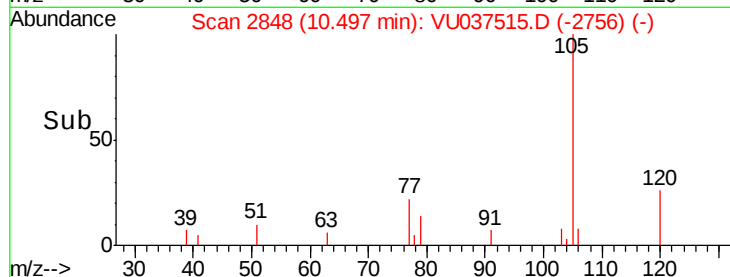
77 19.6 13.6 20.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 0.109 ug/L

RT: 11.01 min Scan# 3008

Delta R.T. 0.17 min

Lab File: VU037515.D

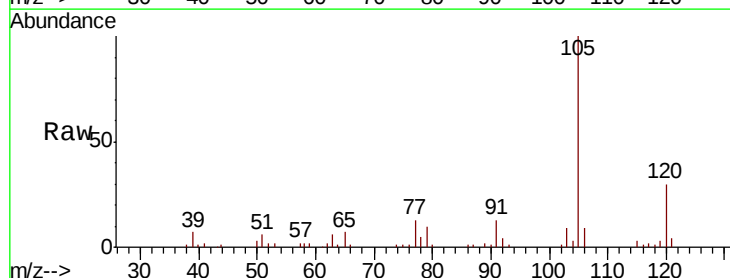
Acq: 31 Mar 2020 23:15

Tgt Ion: 75 Resp: 511

Ion Ratio Lower Upper

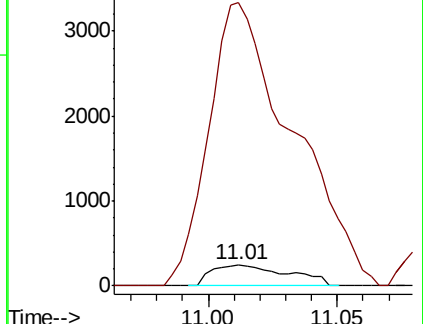
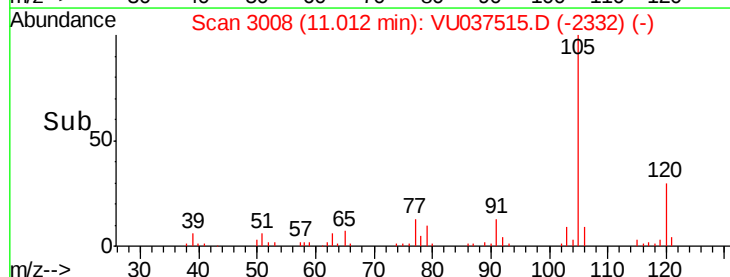
75 100

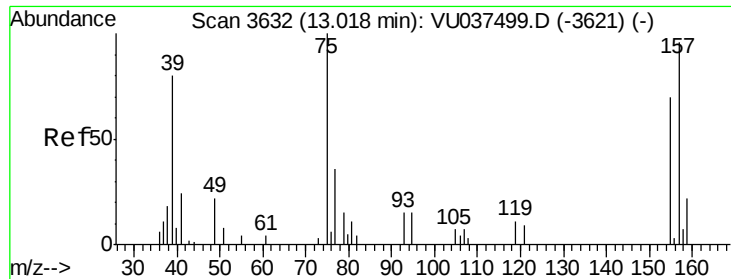
77 1482.6 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

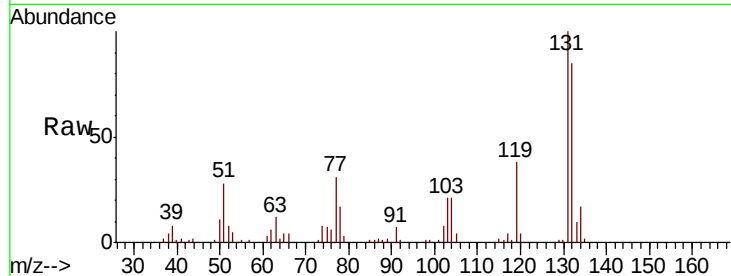




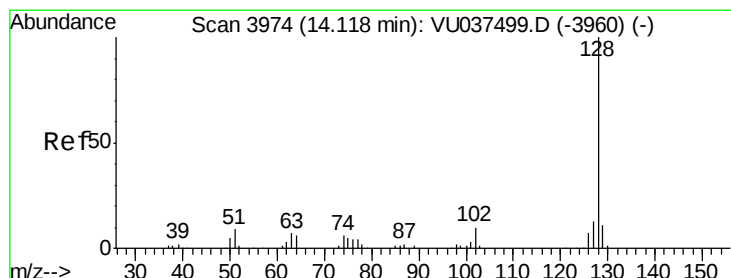
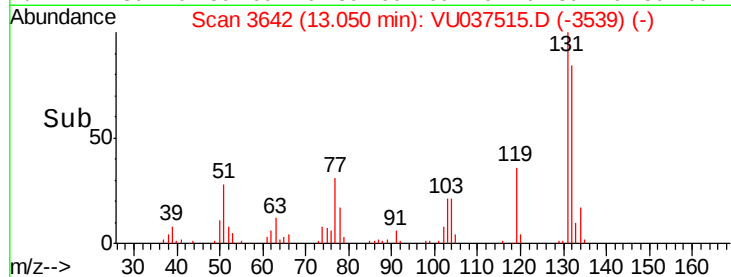
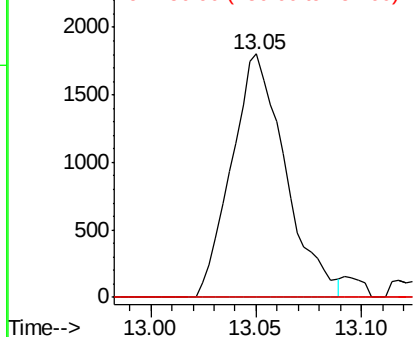
#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.439 ug/L
 RT: 13.05 min Scan# 3642
 Delta R.T. 0.03 min
 Lab File: VU037515.D
 Acq: 31 Mar 2020 23:15

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3205
 Ion Ratio Lower Upper
 75 100
 155 0.0 62.4 93.6#
 157 0.0 78.7 118.1#

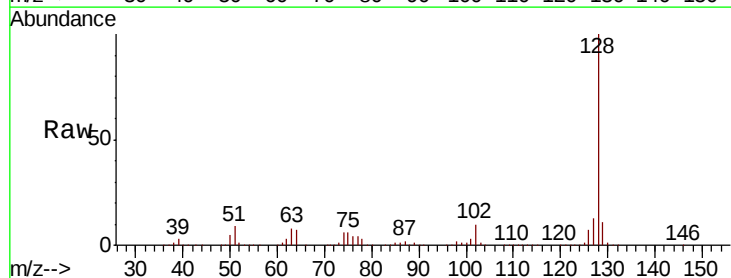


Abundance Ion 75.05 (74.75 to 75.75): VU037515.D (-3539) (-)
 Ion 154.95 (154.65 to 155.65): VU037515.D (-3539) (-)
 Ion 156.90 (156.60 to 157.60): VU037515.D (-3539) (-)



#69
 Naphthalene
 Concen: 239.589 ug/L
 RT: 14.12 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VU037515.D
 Acq: 31 Mar 2020 23:15

Tgt Ion: 128 Resp: 4955206
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.9 13.3
 127 13.0 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): VU037515.D (-3352) (-)
 Ion 129.00 (128.70 to 129.70): VU037515.D (-3352) (-)
 Ion 127.00 (126.70 to 127.70): VU037515.D (-3352) (-)

