

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040202.D
 Acq On : 18 Sep 2020 11:47
 Operator : SY/MD
 Sample : L4041-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD7

Quant Time: Sep 18 23:22:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	100070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46790	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26828	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.92	69	23354	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	45318	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.66	46	127856	58.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.00%
24) Chloroform-d	5.08	84	61679	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	42010	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.75	84	113306	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.70	67	39410	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.90	98	91488	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	16136	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	91834	53.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38349	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	39215	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	1591	0.167 ug/L	89
13) Acetone	2.65	43	14574	7.204 ug/L	95
15) Methyl Acetate	2.97	43	3720	0.733 ug/L #	83
21) 2-Butanone	4.73	43	4777	1.446 ug/L	90
25) Chloroform	5.11	83	3906	0.222 ug/L	89
33) Benzene	5.79	78	2557	0.070 ug/L	100
34) Trichloroethene	6.27	95	1963	0.200 ug/L #	9
35) Methylcyclohexane	6.70	83	9987	0.665 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4735	0.478 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1225	0.084 ug/L #	64
42) Toluene	7.98	91	9564	0.254 ug/L	93
53) m,p-Xylene	9.69	106	2039	0.134 ug/L	79
54) o-Xylene	10.10	106	979	0.067 ug/L	69
55) Styrene	10.11	104	7082	0.281 ug/L	88
59) 1,2,3-Trichloropropane	11.81	75	7272	0.991 ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration

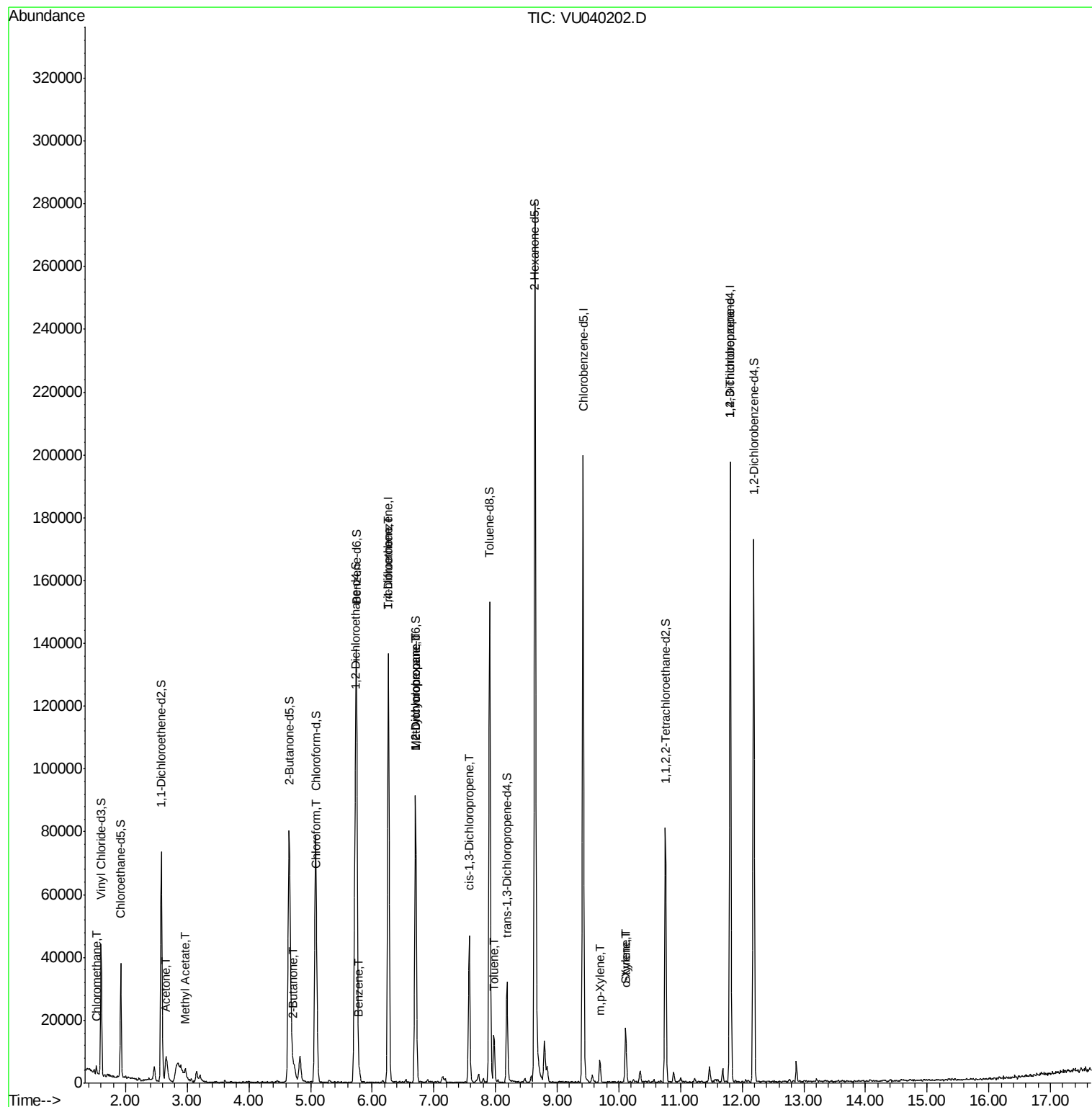
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

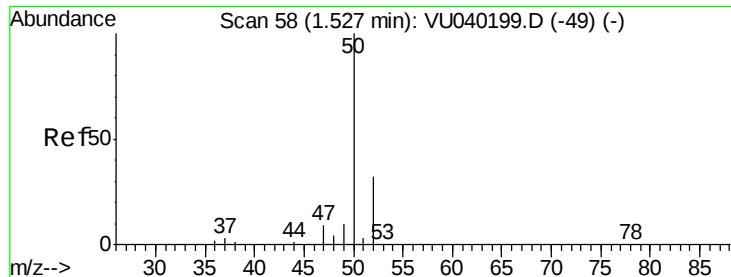
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#3

Chloromethane

Concen: 0.167 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040202.D

Acq: 18 Sep 2020 11:47

Instrument :

MSVOA_U

ClientSampleId :

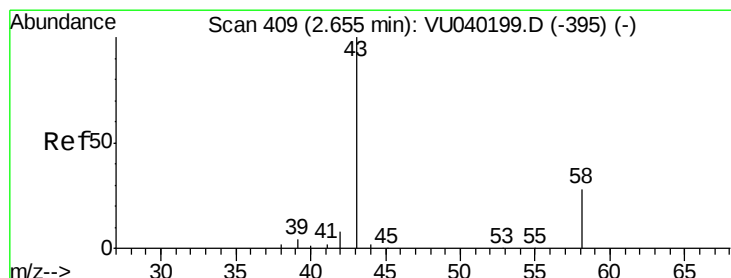
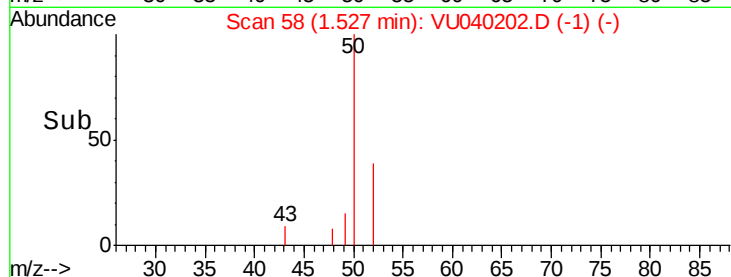
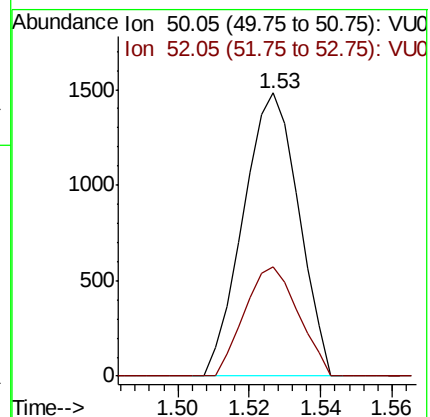
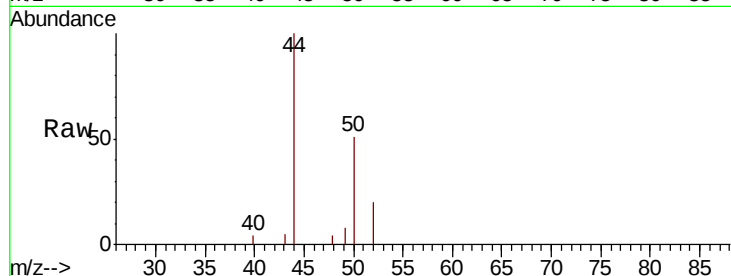
C0AD7

Tot Ion: 50 Resp: 1591

Ion Ratio Lower Upper

50 100

52 38.7 22.8 42.4



#13

Acetone

Concen: 7.204 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU040202.D

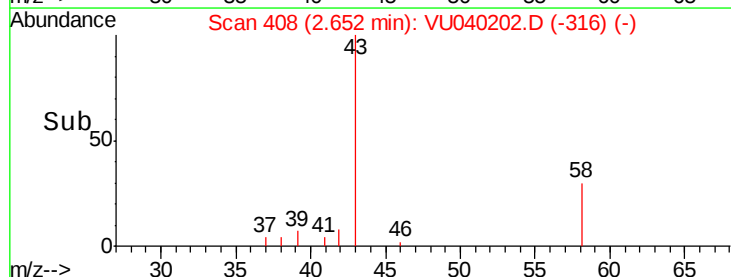
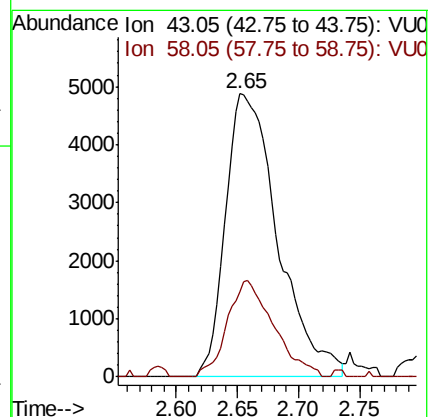
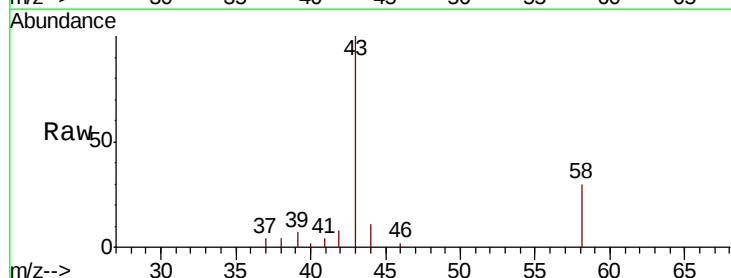
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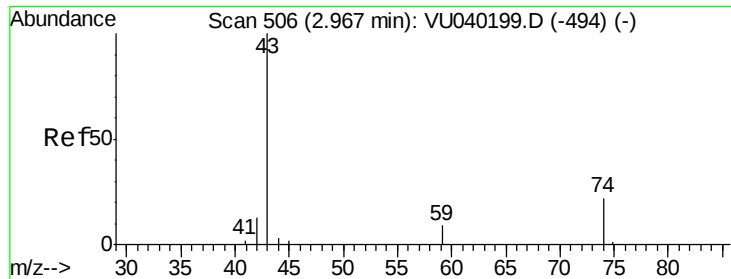
Tgt Ion: 43 Resp: 14574

Ion Ratio Lower Upper

43 100

58 30.1 0.0 55.4

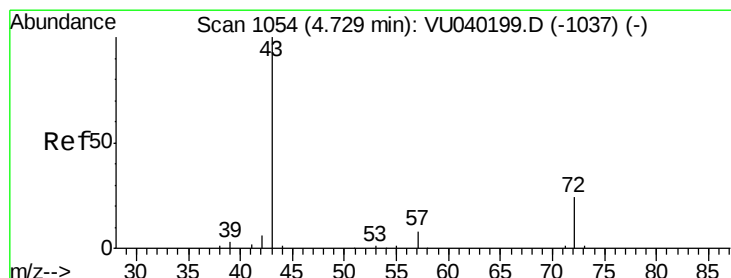
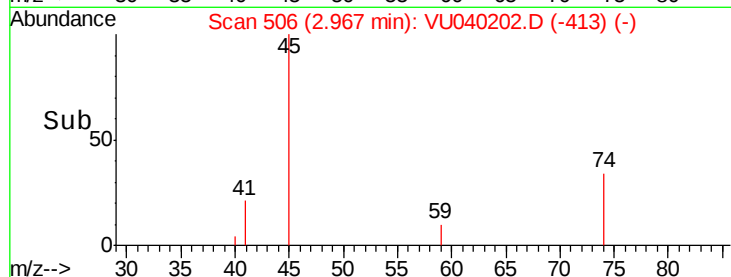
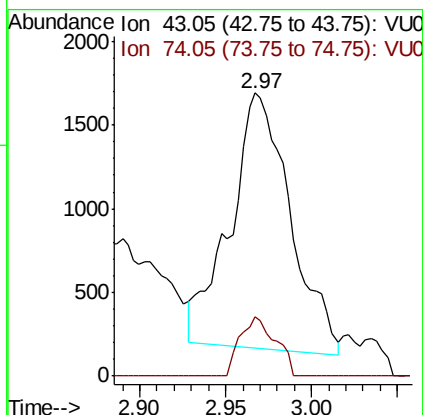
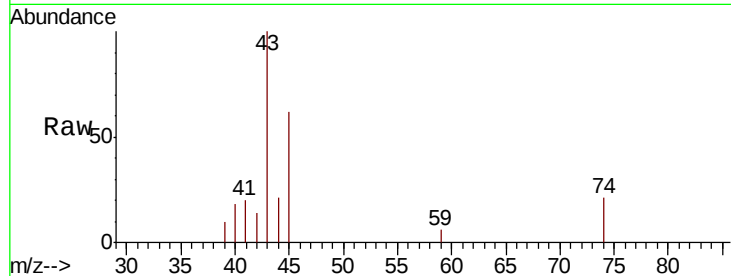




#15
Methvl Acetate
Concen: 0.733 ug/L
RT: 2.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

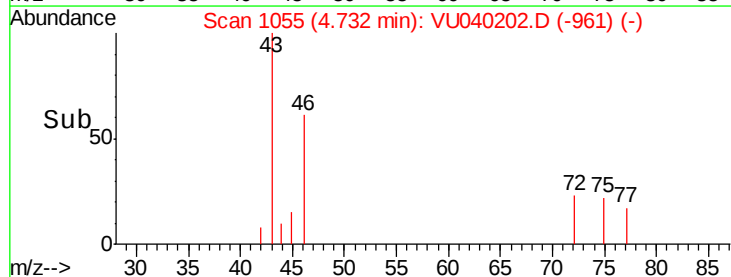
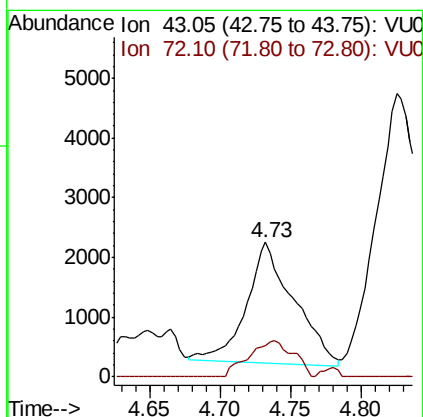
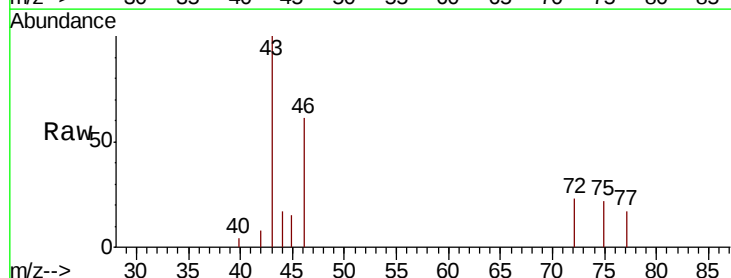
Instrument :
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ClientSampleId :
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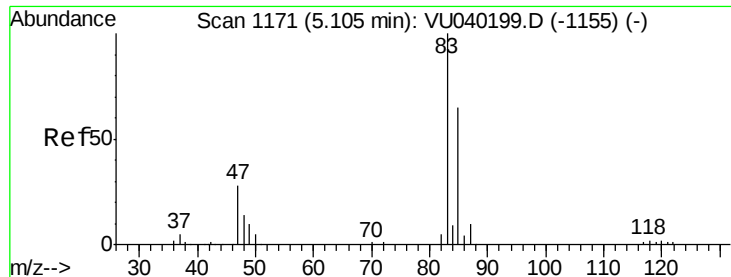
Tot Ion: 43 Resp: 3720
Ion Ratio Lower Upper
43 100
74 13.6 17.4 26.0#



#21
2-Butanone
Concen: 1.446 ug/L
RT: 4.73 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Tgt Ion: 43 Resp: 4777
Ion Ratio Lower Upper
43 100
72 28.1 11.7 35.0

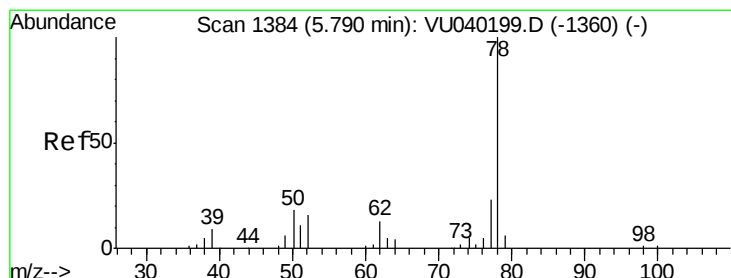
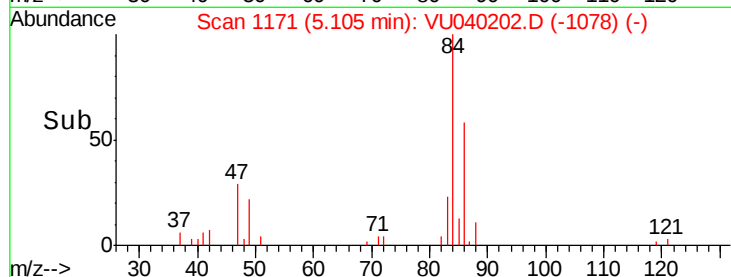
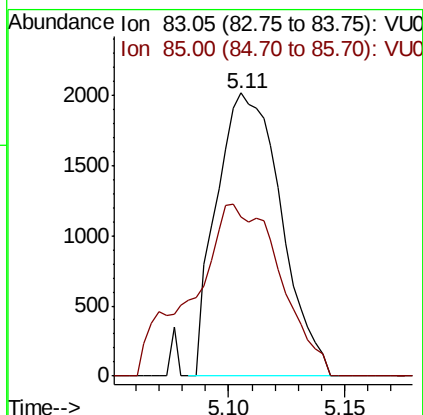
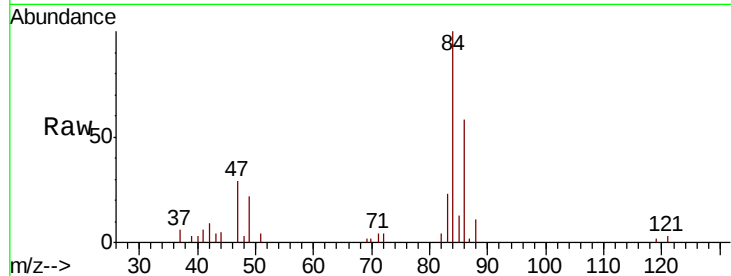




#25
Chloroform
Concen: 0.222 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

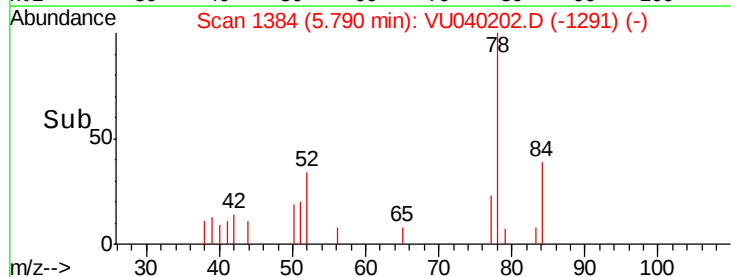
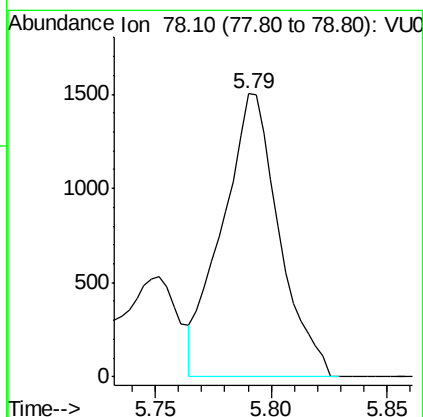
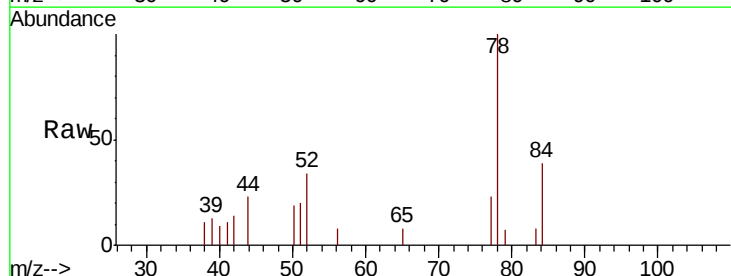
Instrument :
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ClientSampleId :
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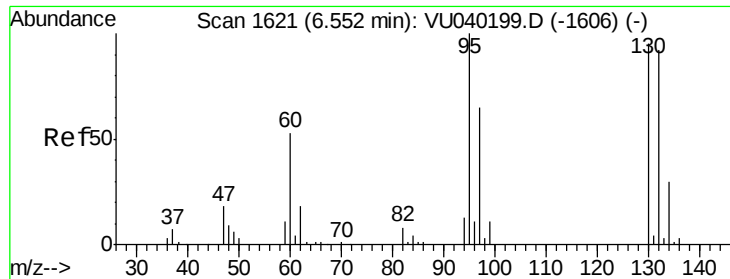
Tot Ion: 83 Resp: 3906
Ion Ratio Lower Upper
83 100
85 56.2 45.3 84.1



#33
Benzene
Concen: 0.070 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Tgt Ion: 78 Resp: 2557

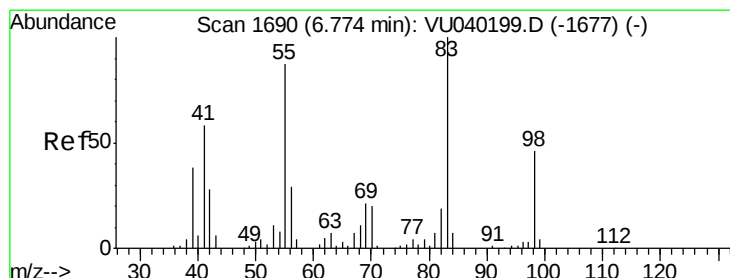
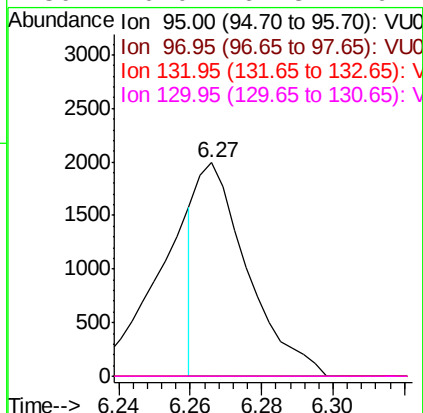
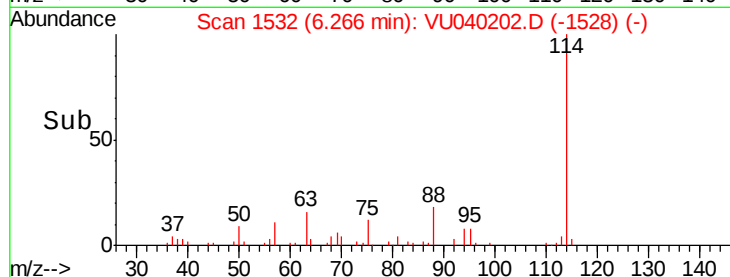
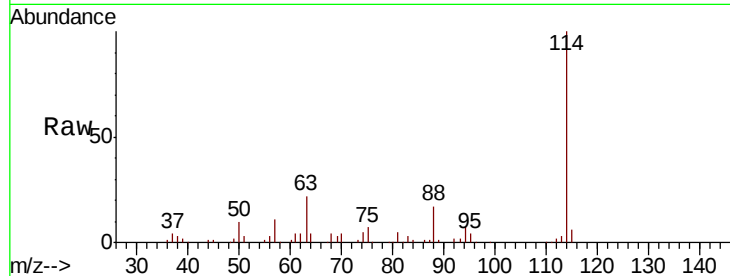




#34
 Trichloroethene
 Concen: 0.200 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040202.D
 Acq: 18 Sep 2020 11:47

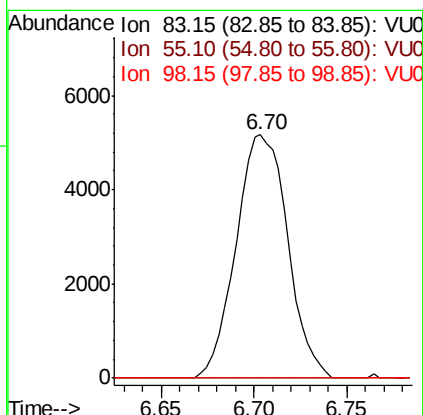
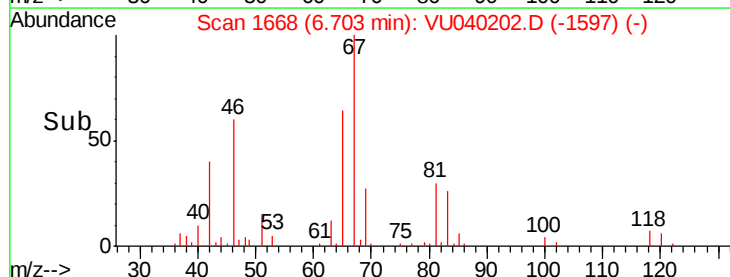
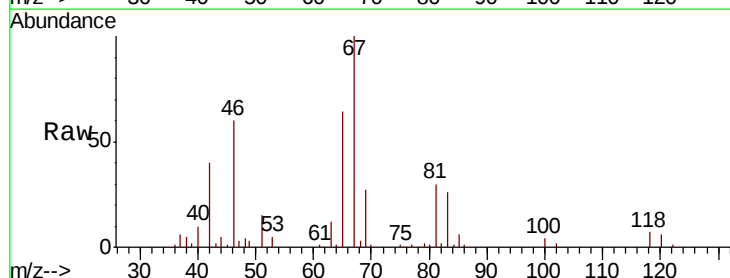
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD7

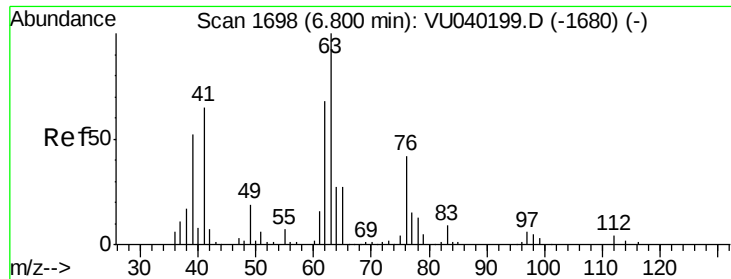
Tot Ion: 95 Resp: 1963
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.3 80.5#
 132 0.0 59.4 110.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 0.665 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040202.D
 Acq: 18 Sep 2020 11:47

Tgt Ion: 83 Resp: 9987
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 1.4 37.8 56.6#

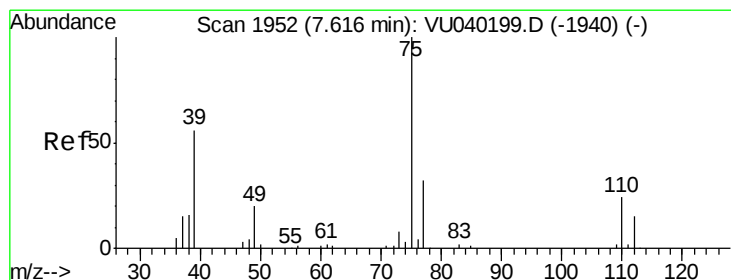
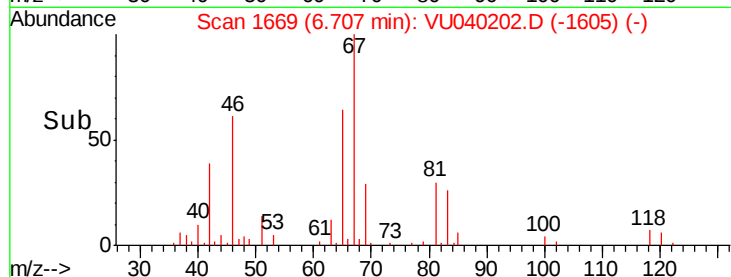
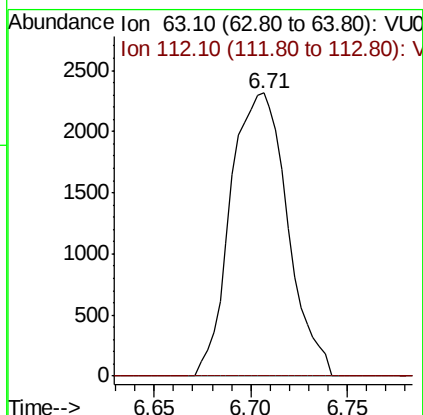
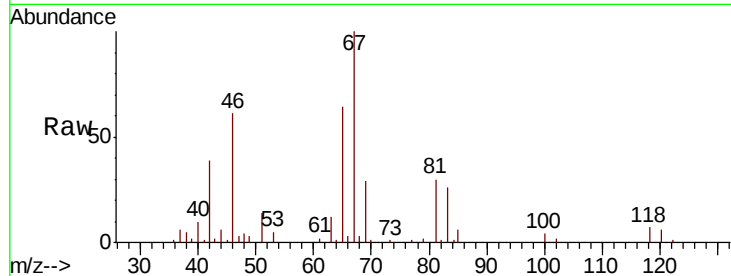




#37
 1,2-Dichloropropane
 Concen: 0.478 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040202.D
 Acq: 18 Sep 2020 11:47

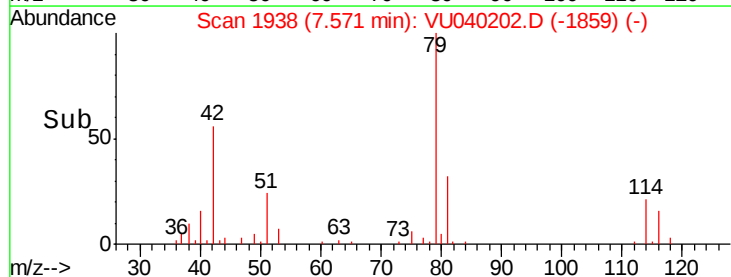
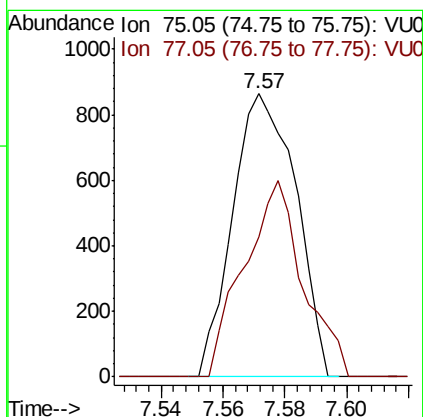
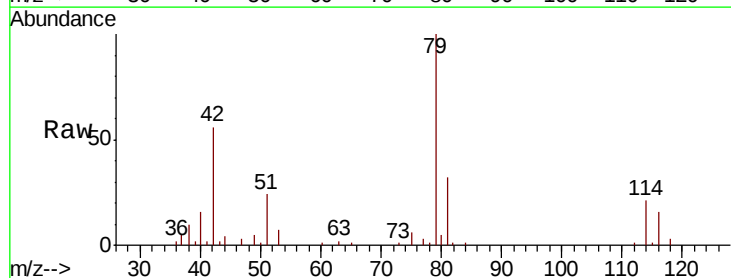
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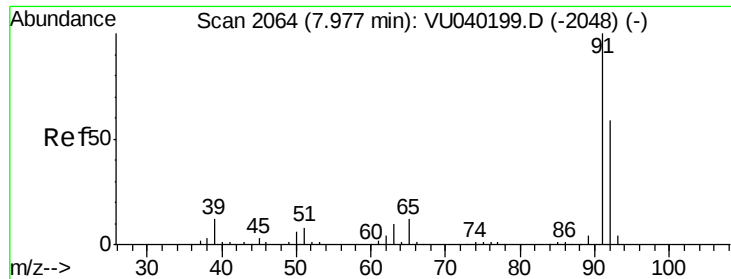
Tot Ion: 63 Resp: 4735
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040202.D
 Acq: 18 Sep 2020 11:47

Tgt Ion: 75 Resp: 1225
 Ion Ratio Lower Upper
 75 100
 77 49.7 21.1 39.3#





#42

Toluene

Concen: 0.254 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040202.D

Acq: 18 Sep 2020 11:47

Instrument :

MSVOA_U

ClientSampleId :

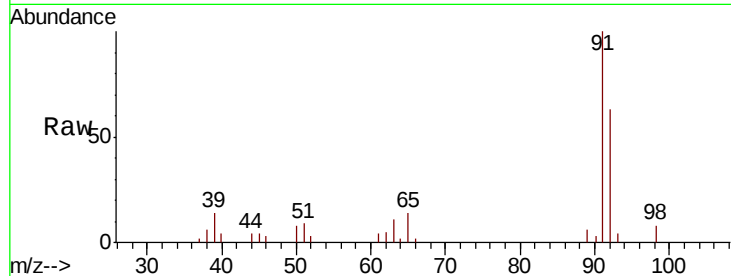
C0AD7

Tot Ion: 91 Resp: 9564

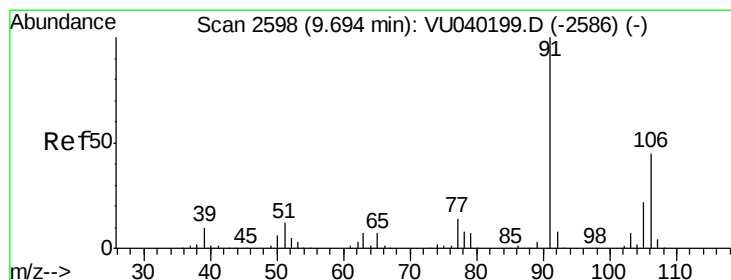
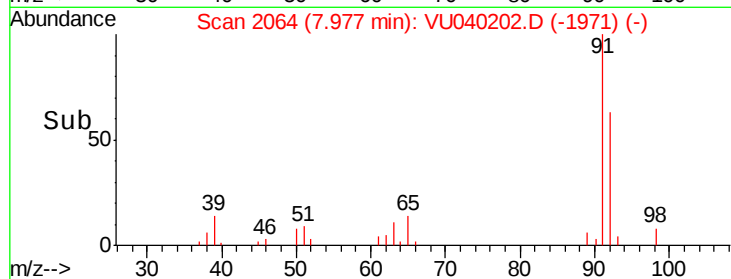
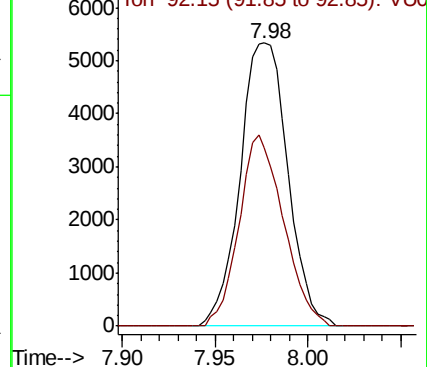
Ion Ratio Lower Upper

91 100

92 63.0 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU040199.D (-2048) (-)



#53

m,p-Xylene

Concen: 0.134 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040202.D

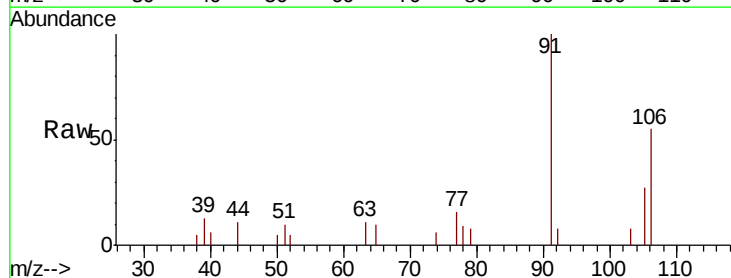
Acq: 18 Sep 2020 11:47

Tgt Ion: 106 Resp: 2039

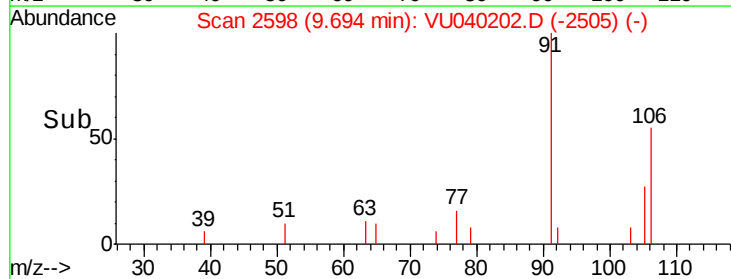
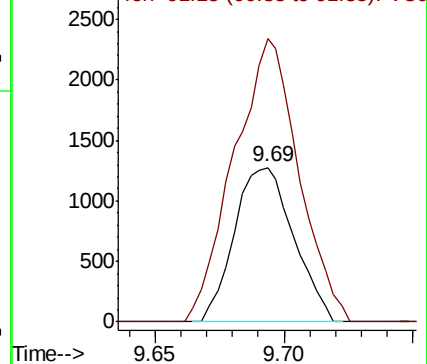
Ion Ratio Lower Upper

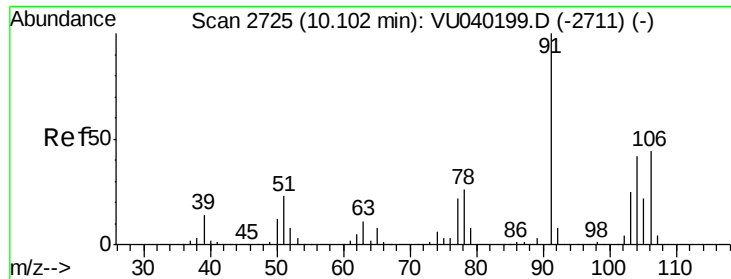
106 100

91 183.2 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): VU040199.D (-2586) (-)

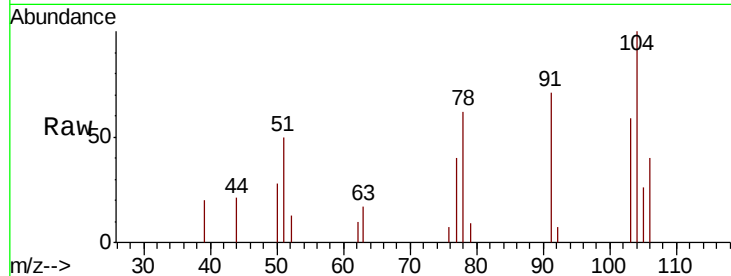




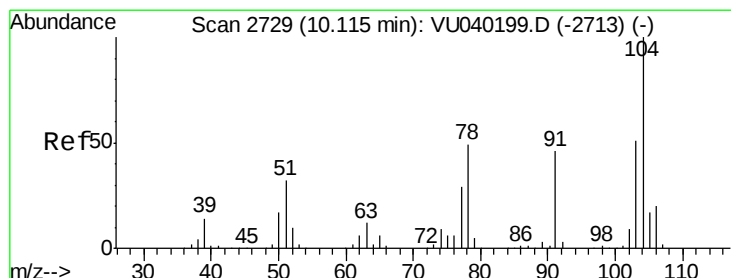
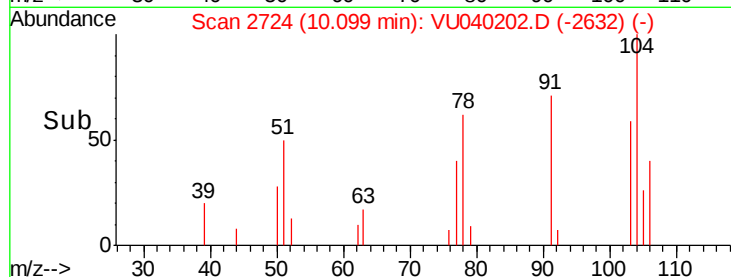
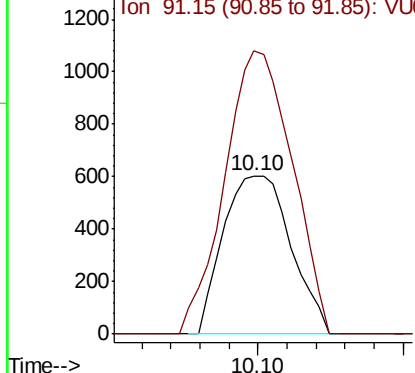
#54
o-Xylene
Concen: 0.067 ug/L
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Instrument :
MSVOA_U
ClientSampleId :
C0AD7

Tot Ion:106 Resp: 979
Ion Ratio Lower Upper
106 100
91 178.6 160.8 298.6

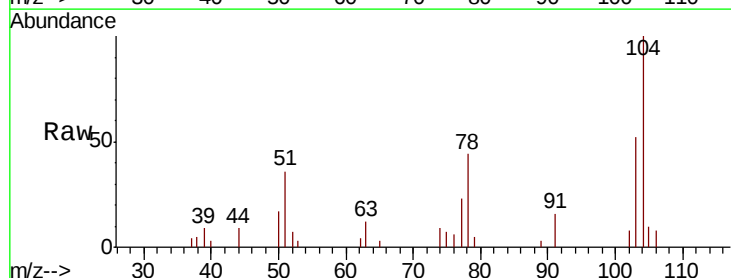


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

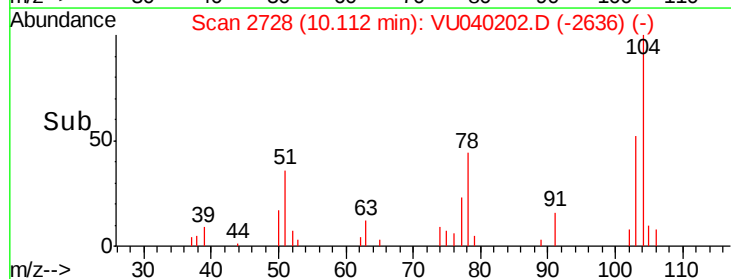
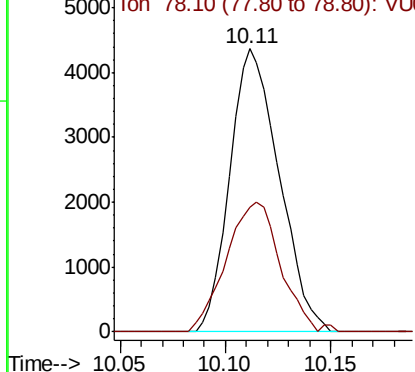


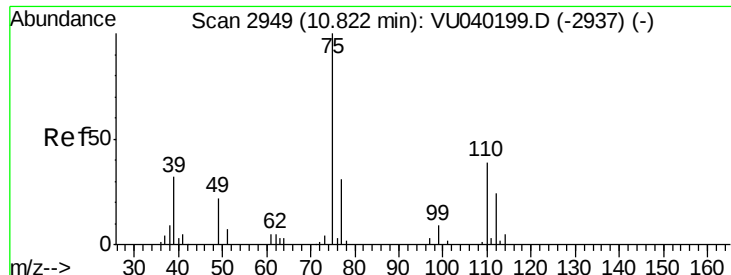
#55
Styrene
Concen: 0.281 ug/L
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040202.D
Acq: 18 Sep 2020 11:47

Tgt Ion:104 Resp: 7082
Ion Ratio Lower Upper
104 100
78 43.9 36.8 68.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#59

1,2,3-Trichloropropane

Concen: 0.991 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040202.D

Acq: 18 Sep 2020 11:47

Instrument :

MSVOA_U

ClientSampleId :

C0AD7

Tot Ion: 75 Resp: 7272

Ion Ratio Lower Upper

75 100

77 36.1 24.9 37.3

